

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020829.D
 Acq On : 10 Nov 2021 12:02
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 01:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	82551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	117168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	102326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35003	37.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.860%		
35) Dibromofluoromethane	7.884	113	34668	43.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.720%		
50) Toluene-d8	10.323	98	136729	44.968	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.940%		
62) 4-Bromofluorobenzene	12.615	95	48667	43.305	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	7243	29.902	ug/l	99
3) Chloromethane	2.209	50	22835	39.509	ug/l	98
4) Vinyl Chloride	2.355	62	35165	48.204	ug/l	96
5) Bromomethane	2.763	94	22067	49.890	ug/l	96
6) Chloroethane	2.910	64	14992	49.557	ug/l	94
7) Trichlorofluoromethane	3.251	101	18852	46.037	ug/l	88
8) Diethyl Ether	3.684	74	14568	36.061	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.056	101	33155	39.969	ug/l	98
10) Methyl Iodide	4.269	142	47158	47.215	ug/l	97
11) Tert butyl alcohol	5.178	59	12476	234.472	ug/l #	83
12) 1,1-Dichloroethene	4.038	96	31510	40.455	ug/l	95
13) Acrolein	3.897	56	5026	195.966	ug/l	96
14) Allyl chloride	4.665	41	46122	37.798	ug/l	95
15) Acrylonitrile	5.367	53	43200	214.218	ug/l	100
16) Acetone	4.123	43	45101	203.904	ug/l	99
17) Carbon Disulfide	4.379	76	81405	36.955	ug/l	99
18) Methyl Acetate	4.672	43	30199	43.576	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	45853	35.841	ug/l	93
20) Methylene Chloride	4.915	84	31569	31.285	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	34130	39.637	ug/l	95
22) Diisopropyl ether	6.312	45	87534	35.021	ug/l	97
23) Vinyl Acetate	6.257	43	278886	195.334	ug/l	99
24) 1,1-Dichloroethane	6.214	63	57822	36.106	ug/l	98
25) 2-Butanone	7.171	43	61977	224.015	ug/l	97
26) 2,2-Dichloropropane	7.171	77	39419	38.629	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	37156	38.968	ug/l	94
28) Bromochloromethane	7.513	49	27024	40.269	ug/l #	90
29) Tetrahydrofuran	7.531	42	37630	221.755	ug/l	99
30) Chloroform	7.677	83	61458	36.954	ug/l	96
31) Cyclohexane	7.958	56	58170	37.182	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	53661	39.330	ug/l	97
36) 1,1-Dichloropropene	8.079	75	48987	39.381	ug/l	97
37) Ethyl Acetate	7.250	43	24852	43.317	ug/l	100
38) Carbon Tetrachloride	8.067	117	54113	44.031	ug/l	90
39) Methylcyclohexane	9.335	83	65306	44.309	ug/l	94
40) Benzene	8.323	78	131434	37.358	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	14636	44.567	ug/l	90
42) 1,2-Dichloroethane	8.397	62	39697	36.487	ug/l	99
43) Isopropyl Acetate	8.421	43	48541	44.943	ug/l	99
44) Trichloroethene	9.092	130	40797	43.494	ug/l	100
45) 1,2-Dichloropropane	9.366	63	30994	37.054	ug/l	98
46) Dibromomethane	9.457	93	19350	41.401	ug/l	99
47) Bromodichloromethane	9.646	83	46176	39.500	ug/l	96
48) Methyl methacrylate	9.433	41	22748	44.474	ug/l	98
49) 1,4-Dioxane	9.451	88	6053	995.460	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	129812	227.066	ug/l	100
52) Toluene	10.390	92	89223	40.773	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	47748	40.694	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	52462	39.223	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	25670	39.745	ug/l	99
56) Ethyl methacrylate	10.646	69	36350	44.058	ug/l	95
57) 1,3-Dichloropropane	10.933	76	44018	38.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	98169	250.660	ug/l	96
59) 2-Hexanone	10.969	43	96335	235.567	ug/l	100
60) Dibromochloromethane	11.128	129	33932	43.650	ug/l	99
61) 1,2-Dibromoethane	11.231	107	26658	42.772	ug/l	98
64) Tetrachloroethene	10.860	164	34350	43.815	ug/l	94
65) Chlorobenzene	11.658	112	95906	42.718	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	35738	44.240	ug/l	98
67) Ethyl Benzene	11.731	91	176306	43.710	ug/l	97
68) m/p-Xylenes	11.835	106	139333	89.139	ug/l	95
69) o-Xylene	12.164	106	65096	45.217	ug/l	94
70) Styrene	12.176	104	110579	44.380	ug/l	99
71) Bromoform	12.353	173	23032	49.548	ug/l #	98
73) Isopropylbenzene	12.463	105	181864	44.067	ug/l	97
74) N-amyl acetate	12.268	43	45431	45.523	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	34308	44.564	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	23319m	38.886	ug/l	
77) Bromobenzene	12.749	156	41196	41.349	ug/l	96
78) n-propylbenzene	12.804	91	220339	43.292	ug/l	99
79) 2-Chlorotoluene	12.890	91	121157	41.437	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	151905	42.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	12077	48.750	ug/l	94
82) 4-Chlorotoluene	12.987	91	125383	40.761	ug/l	97
83) tert-Butylbenzene	13.201	119	140412	45.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	148780	42.222	ug/l	98
85) sec-Butylbenzene	13.383	105	201699	43.997	ug/l	95
86) p-Isopropyltoluene	13.493	119	174650	44.496	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	85170	42.154	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	84740	42.538	ug/l	100
89) n-Butylbenzene	13.822	91	165044	44.977	ug/l	99
90) Hexachloroethane	14.091	117	32931	46.973	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	70694	40.032	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6991	49.895	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	52353	42.058	ug/l	96
94) Hexachlorobutadiene	15.231	225	34820	44.174	ug/l	98
95) Naphthalene	15.365	128	109770	51.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	46281	42.942	ug/l	95

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ClientSampleId :
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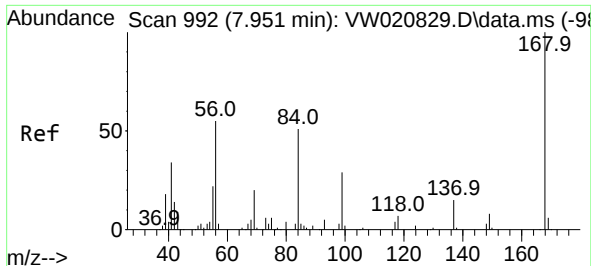
Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

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Quant Title : SW846 8260
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Response via : Initial Calibration

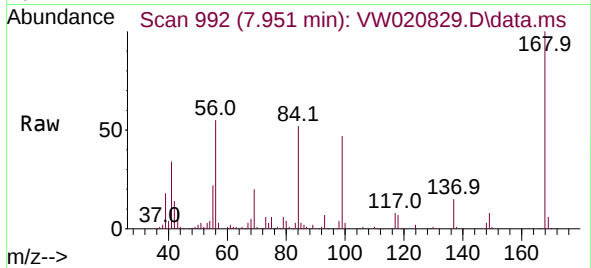
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

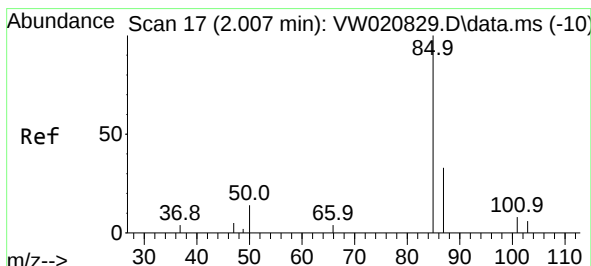
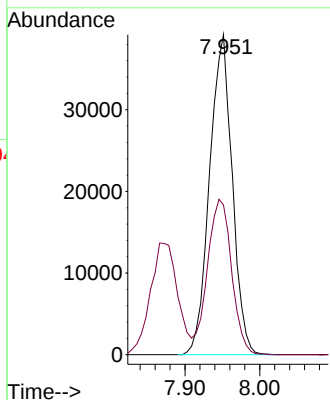
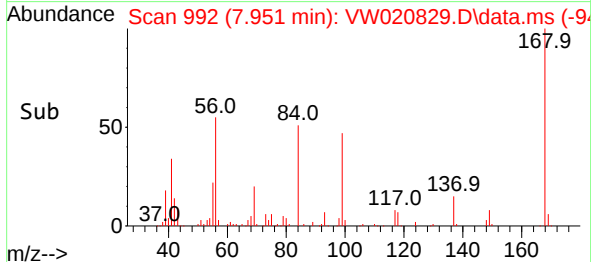
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 8255
Ion Ratio Lower Upper
168 100
99 46.8 45.4 68.0

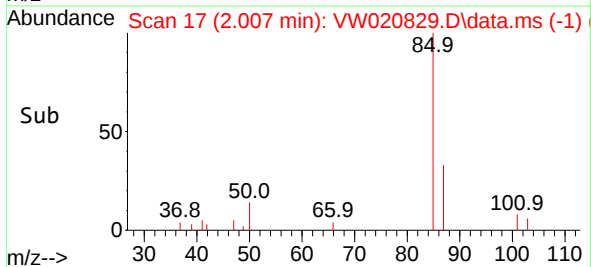
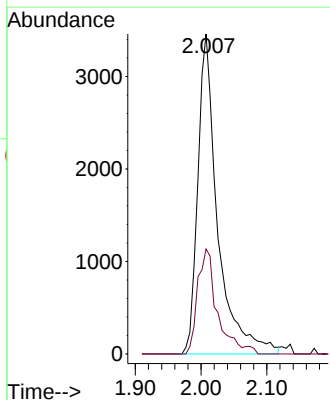
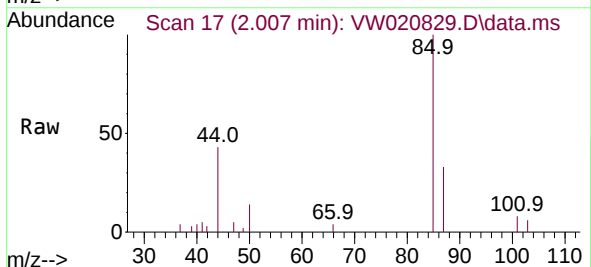
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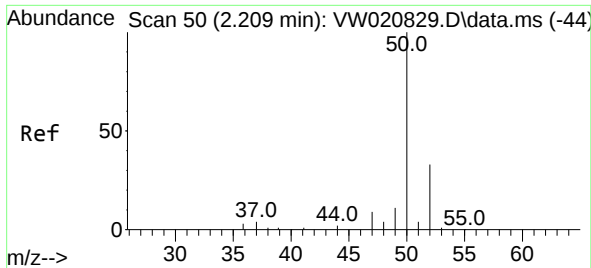
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 29.902 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

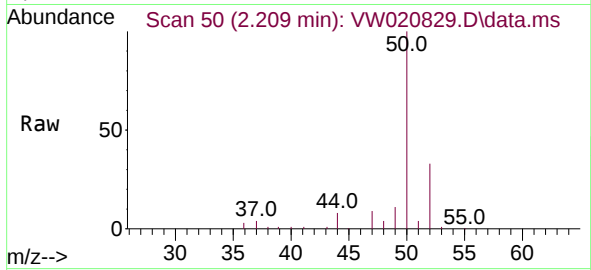
Tgt Ion: 85 Resp: 7243
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





#3
Chloromethane
Concen: 39.509 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

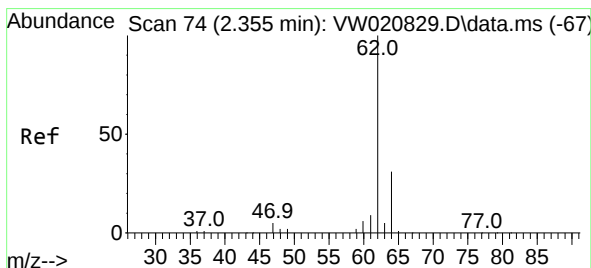
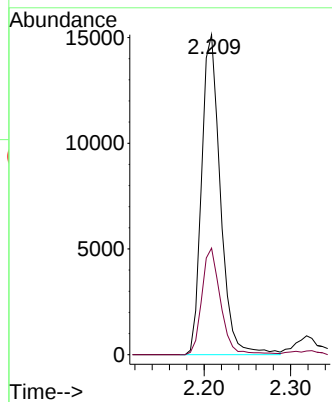
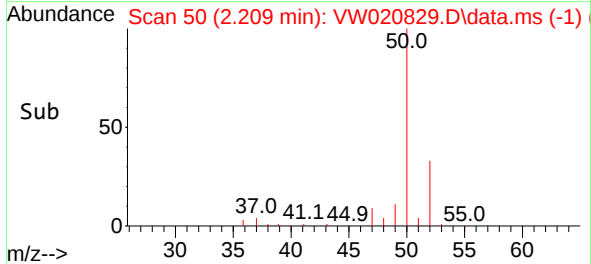
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 22835
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9

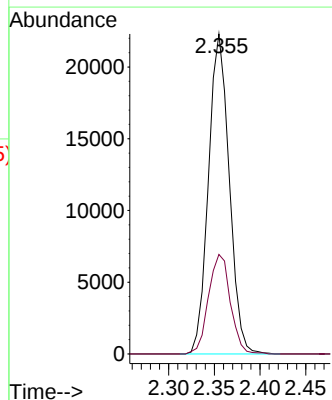
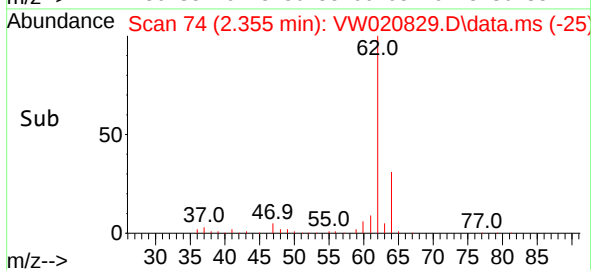
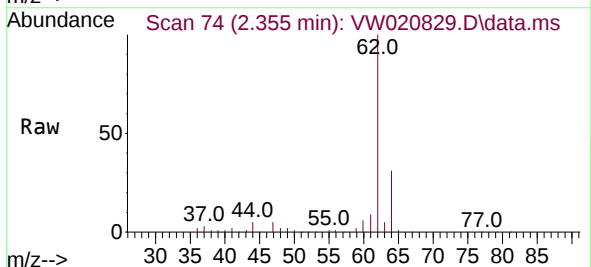
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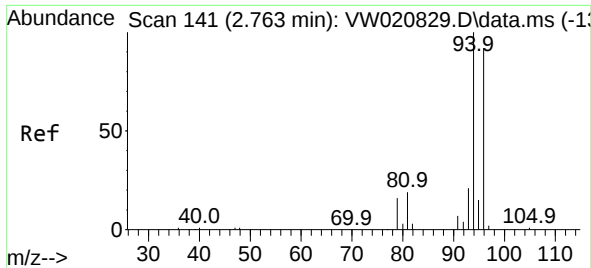
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 48.204 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

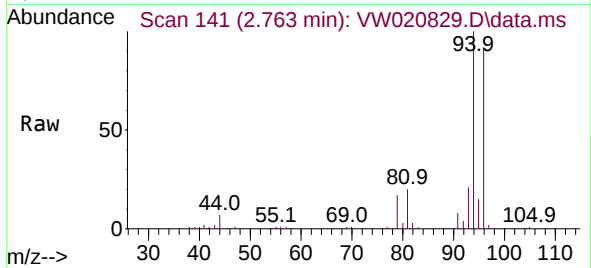
Tgt Ion: 62 Resp: 35165
Ion Ratio Lower Upper
62 100
64 31.1 26.6 40.0





#5
Bromomethane
Concen: 49.890 ug/l
RT: 2.763 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

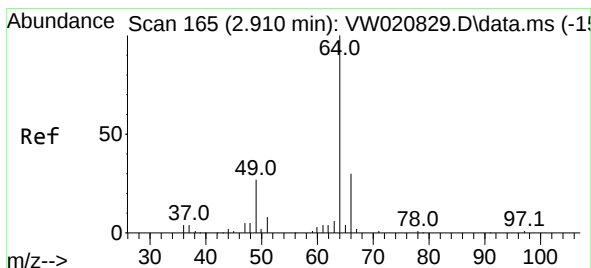
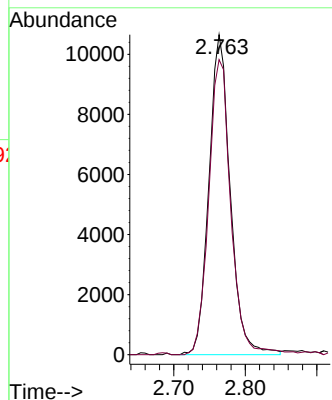
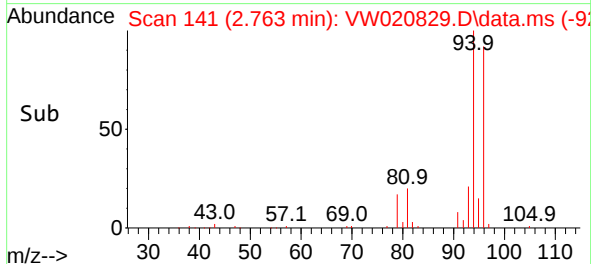
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Tgt Ion: 94 Resp: 2206
Ion Ratio Lower Upper
94 100
96 92.2 76.7 115.1

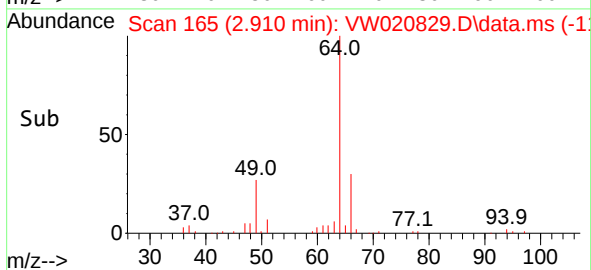
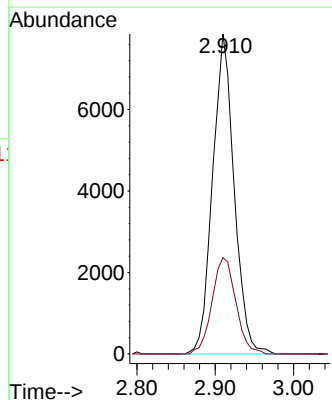
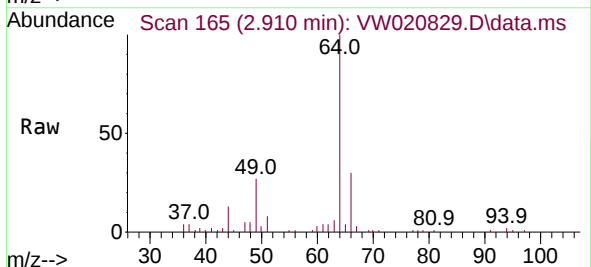
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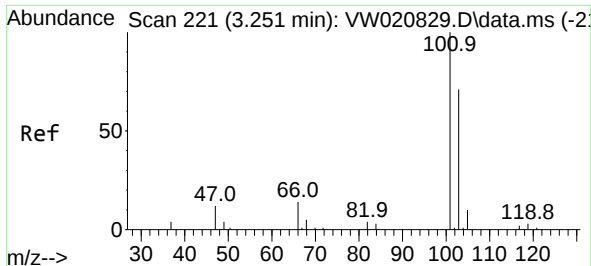
Reviewed By :Vimala Arumugam 11/11/2021
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#6
Chloroethane
Concen: 49.557 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

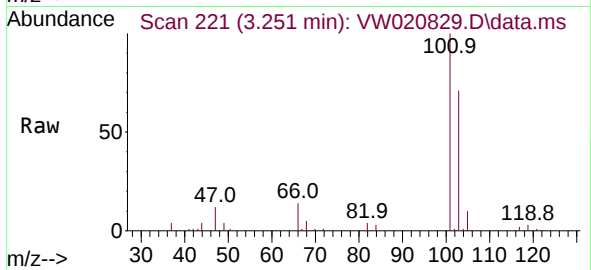
Tgt Ion: 64 Resp: 14992
Ion Ratio Lower Upper
64 100
66 30.1 27.0 40.4





#7
 Trichlorofluoromethane
 Concen: 46.037 ug/l
 RT: 3.251 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

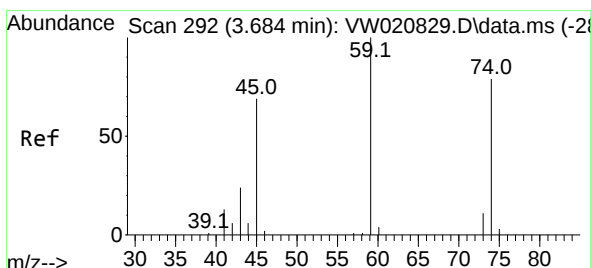
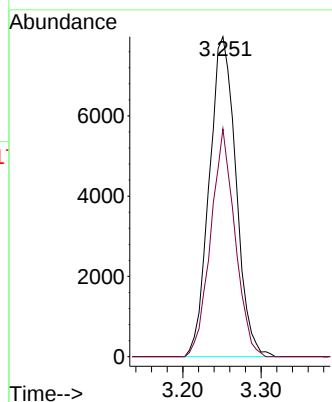
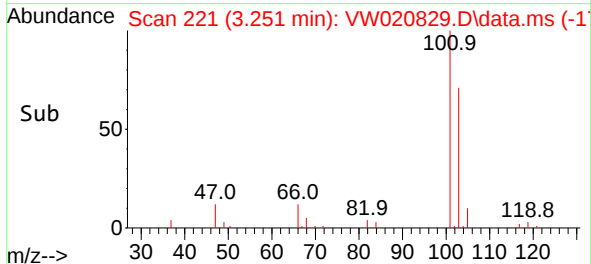
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 1885
 Ion Ratio Lower Upper
 101 100
 103 71.2 49.4 74.0

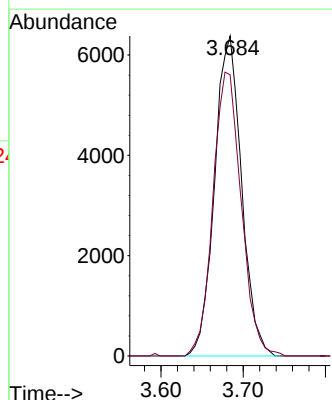
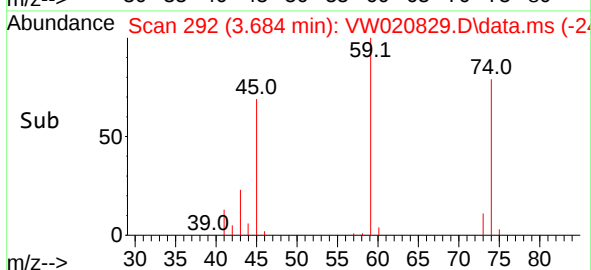
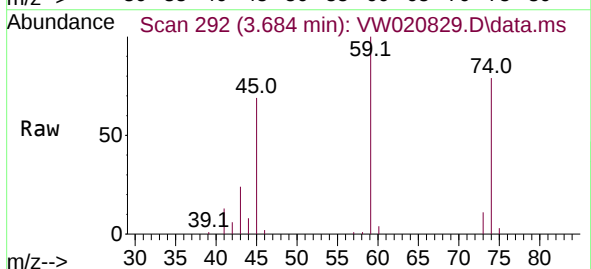
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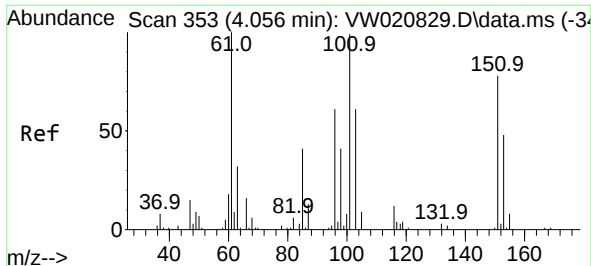
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#8
 Diethyl Ether
 Concen: 36.061 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 14568
 Ion Ratio Lower Upper
 74 100
 45 92.9 50.0 150.1





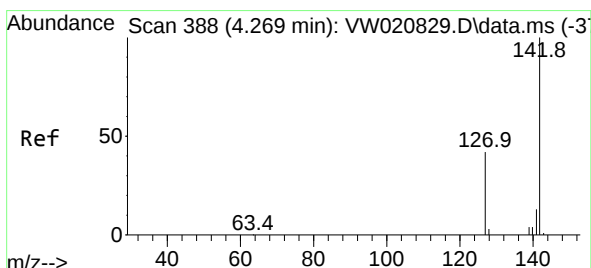
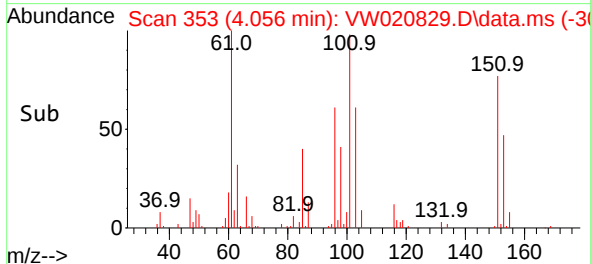
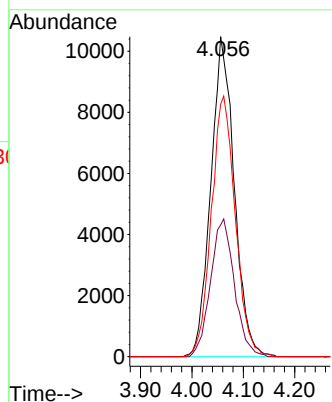
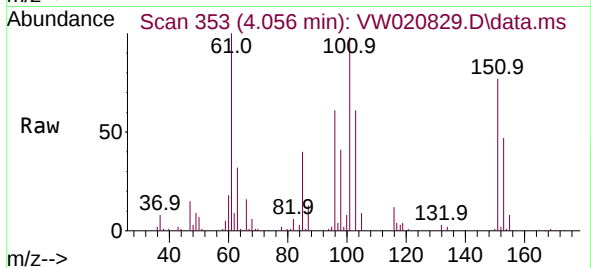
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.969 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 3315
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 83.4 64.5 96.7

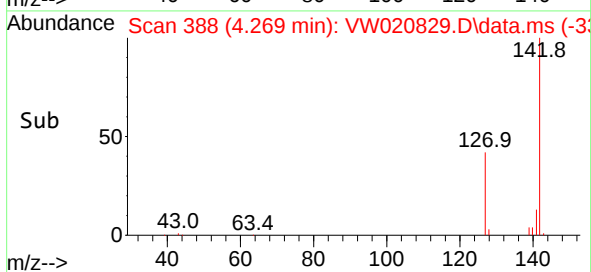
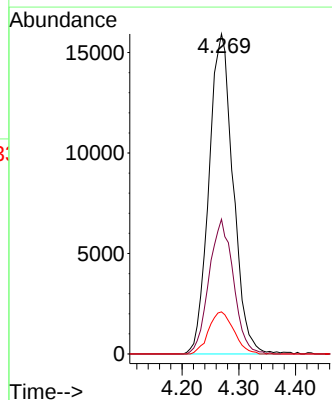
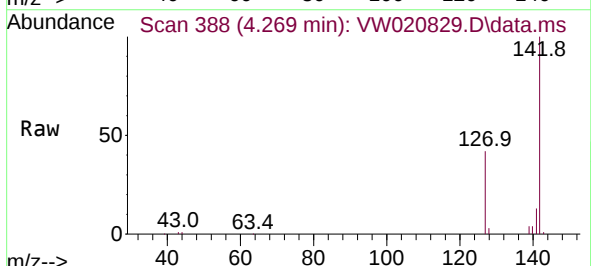
Manual Integrations
APPROVED

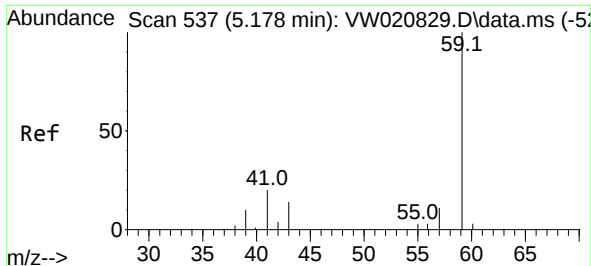
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 47.215 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

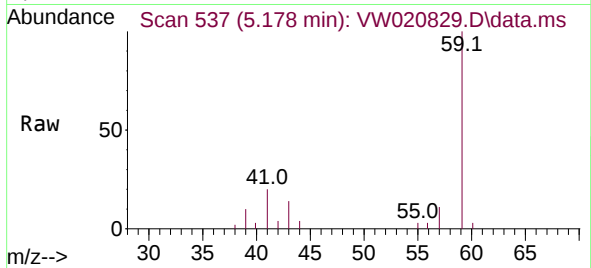
Tgt Ion:142 Resp: 47158
Ion Ratio Lower Upper
142 100
127 42.4 35.8 53.6
141 13.6 11.8 17.6





#11
Tert butyl alcohol
Concen: 234.472 ug/l
RT: 5.178 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

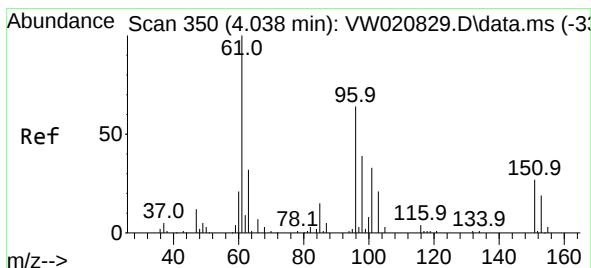
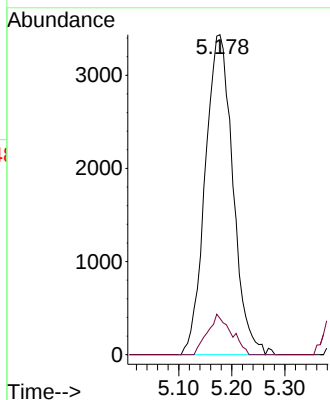
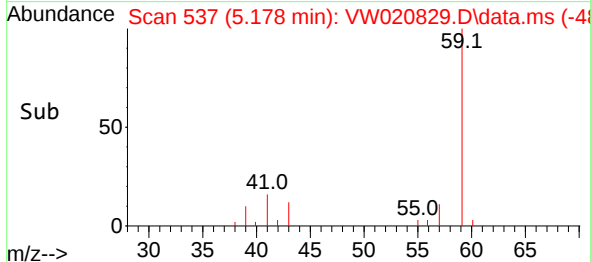
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



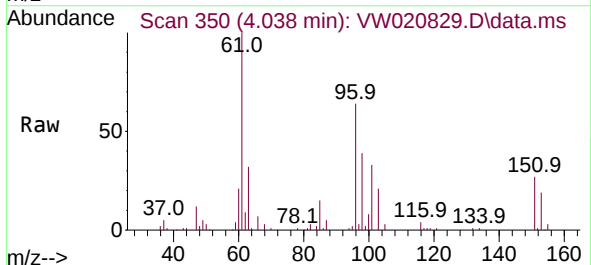
Tgt Ion: 59 Resp: 12470
Ion Ratio Lower Upper
59 100
57 10.8 4.2 6.2

Manual Integrations
APPROVED

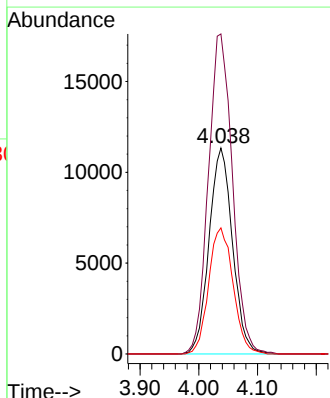
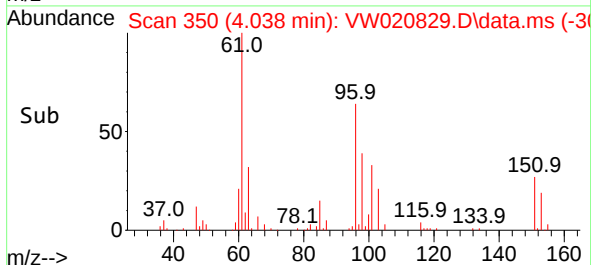
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

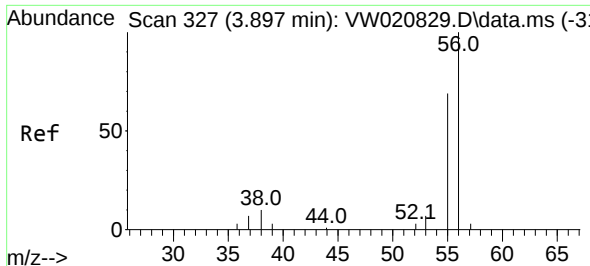


#12
1,1-Dichloroethene
Concen: 40.455 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



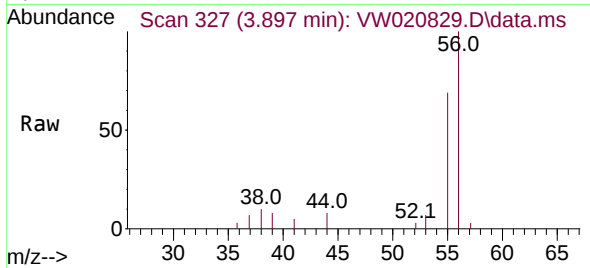
Tgt Ion: 96 Resp: 31510
Ion Ratio Lower Upper
96 100
61 155.4 131.0 196.6
98 61.2 47.8 71.6





#13
Acrolein
Concen: 195.966 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

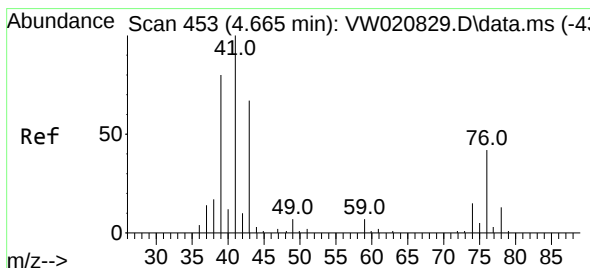
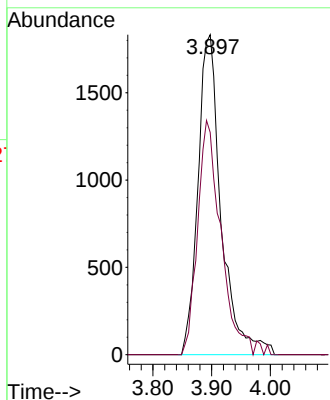
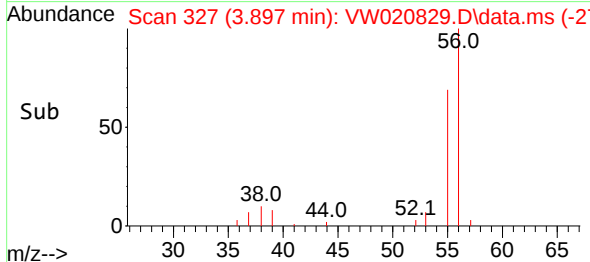
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 5020
Ion Ratio Lower Upper
56 100
55 73.1 55.5 83.3

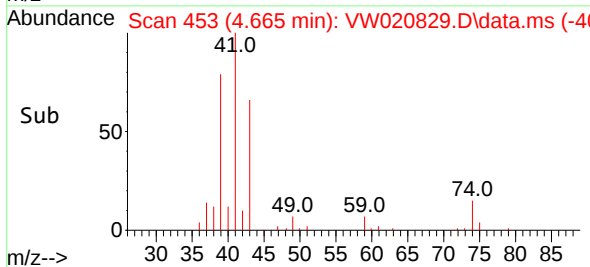
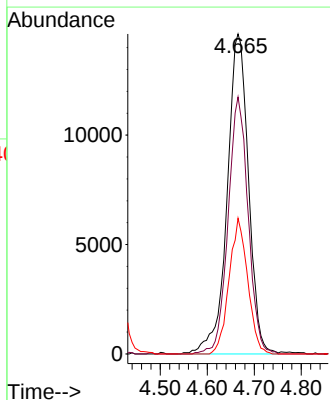
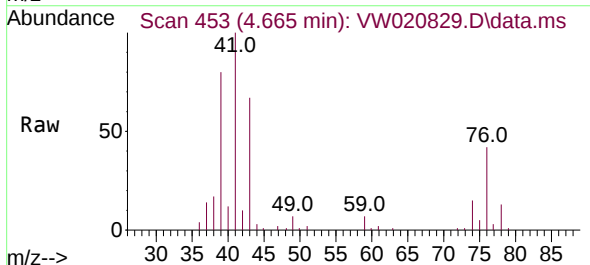
Manual Integrations
APPROVED

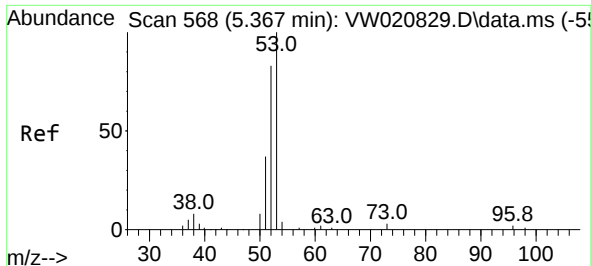
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 37.798 ug/l
RT: 4.665 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

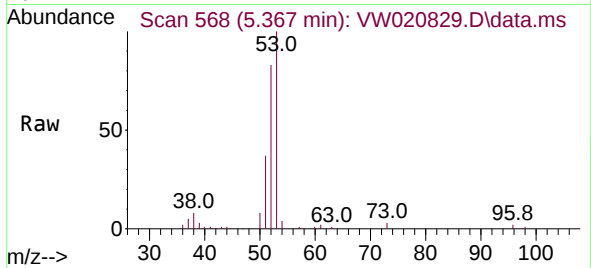
Tgt Ion: 41 Resp: 46122
Ion Ratio Lower Upper
41 100
39 75.3 57.1 85.7
76 37.0 27.1 40.7





#15
Acrylonitrile
Concen: 214.218 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

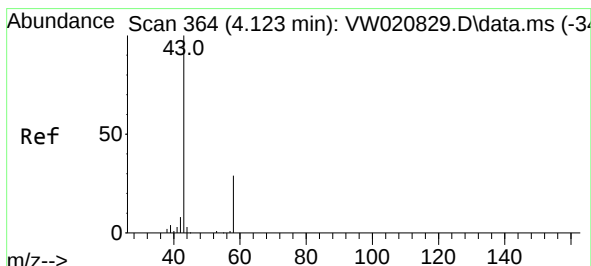
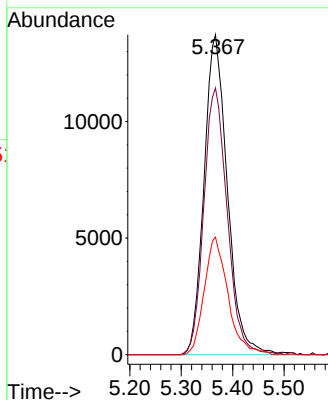
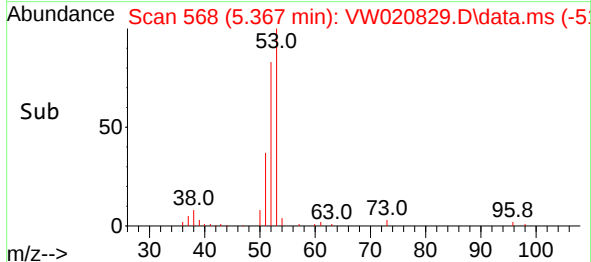
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 43200
Ion Ratio Lower Upper
53 100
52 83.8 66.8 100.2
51 37.4 30.1 45.1

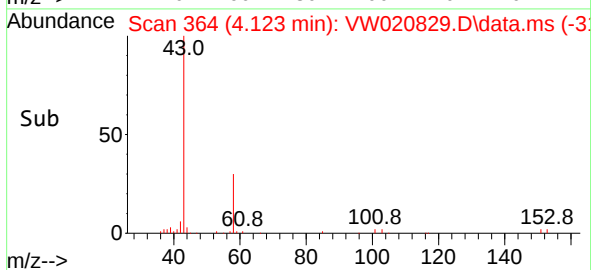
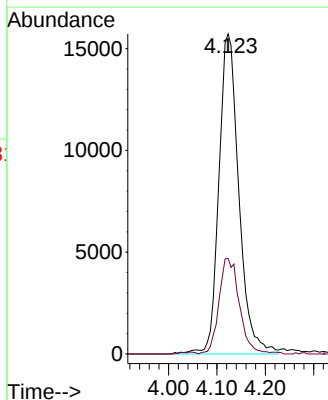
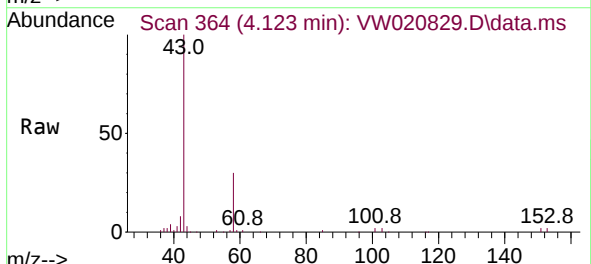
Manual Integrations
APPROVED

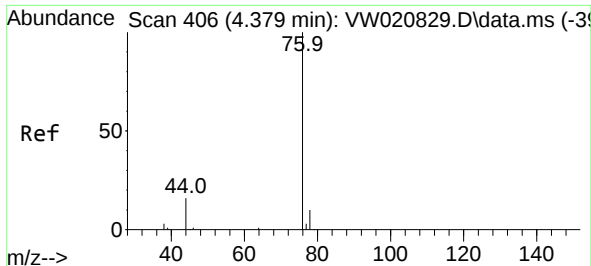
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 203.904 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

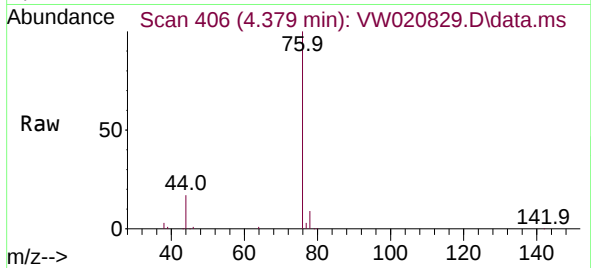
Tgt Ion: 43 Resp: 45101
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.2





#17
Carbon Disulfide
Concen: 36.955 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

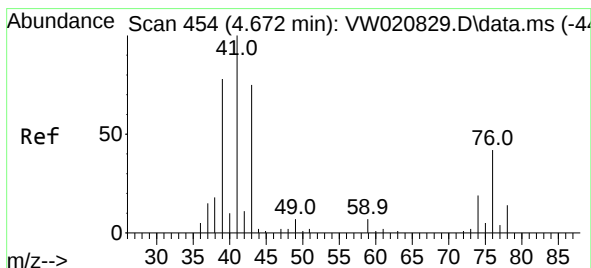
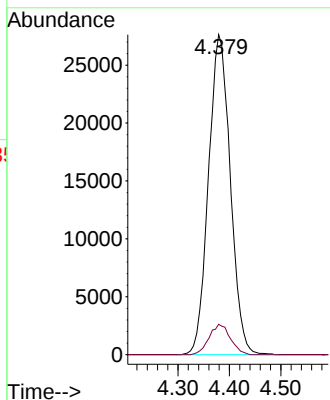
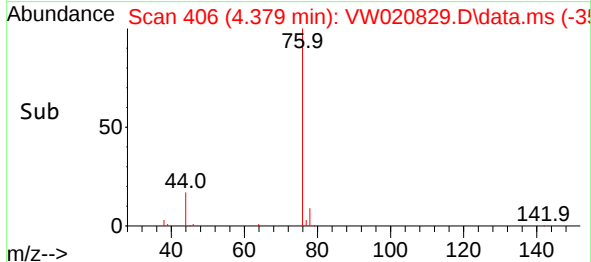
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 8140
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

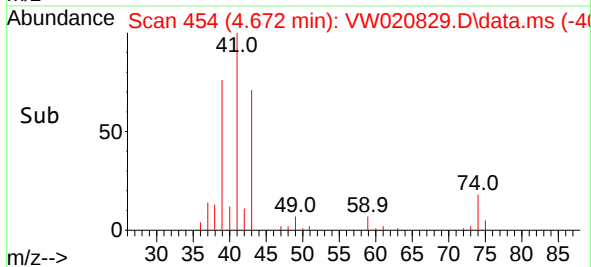
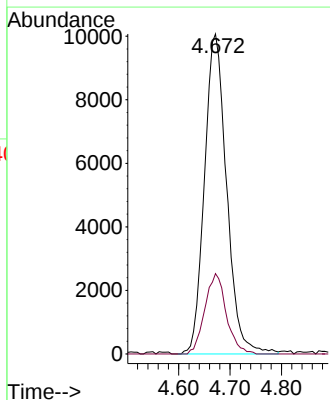
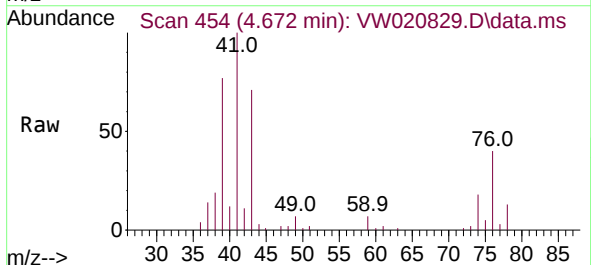
Manual Integrations
APPROVED

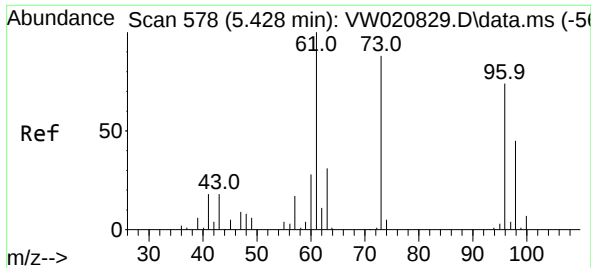
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 43.576 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

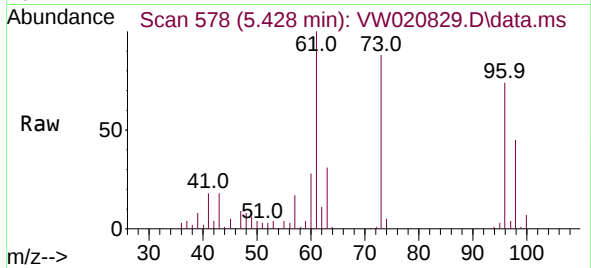
Tgt Ion: 43 Resp: 30199
Ion Ratio Lower Upper
43 100
74 24.3 18.7 28.1





#19
Methyl tert-butyl Ether
Concen: 35.841 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

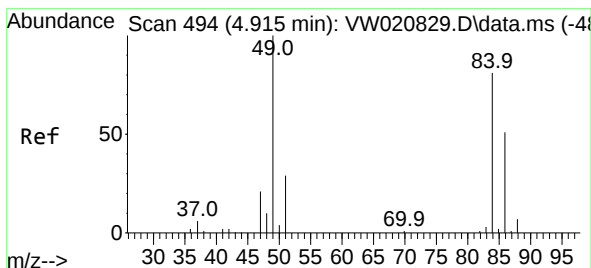
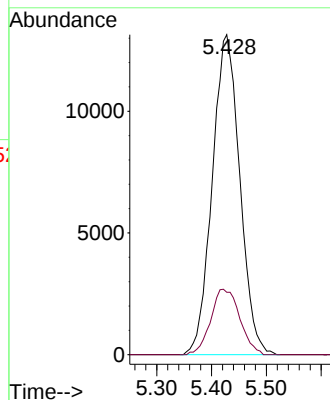
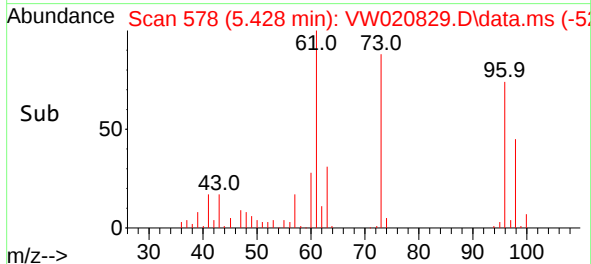
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 4585
Ion Ratio Lower Upper
73 100
57 19.5 18.2 27.4

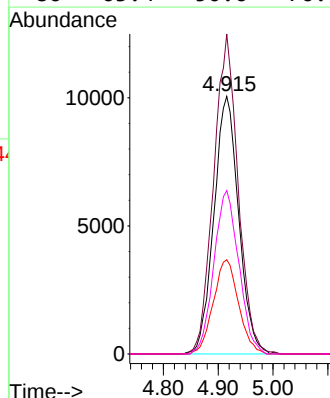
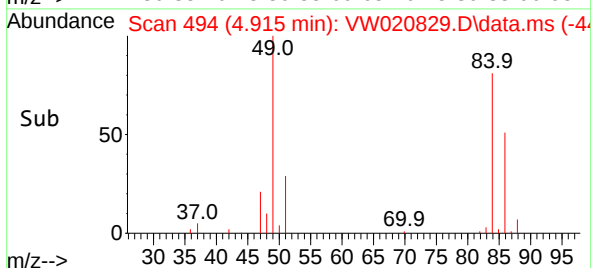
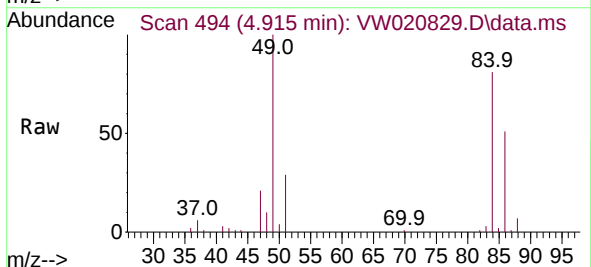
Manual Integrations
APPROVED

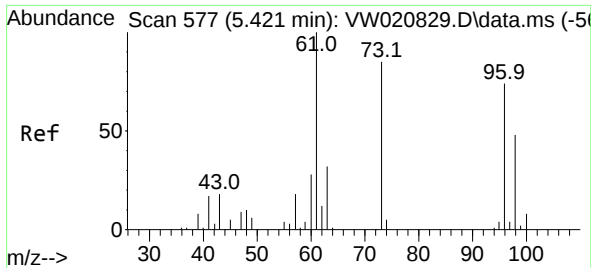
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 31.285 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

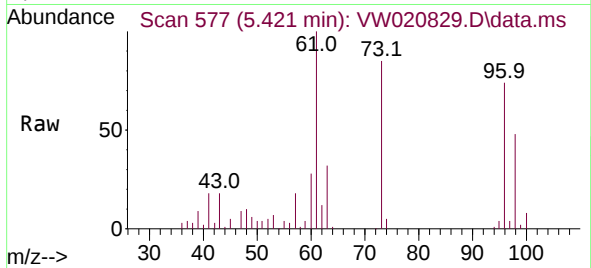
Tgt Ion: 84 Resp: 31569
Ion Ratio Lower Upper
84 100
49 124.2 100.0 150.0
51 36.6 30.8 46.2
86 63.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 39.637 ug/l
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

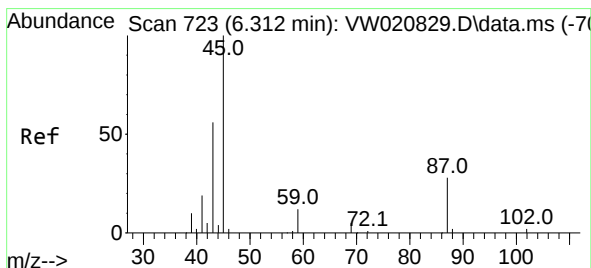
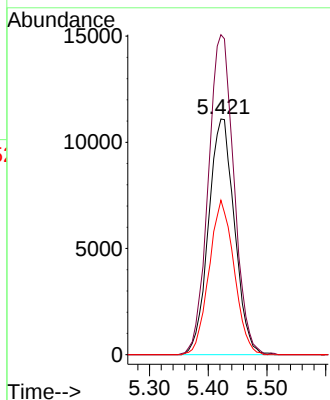
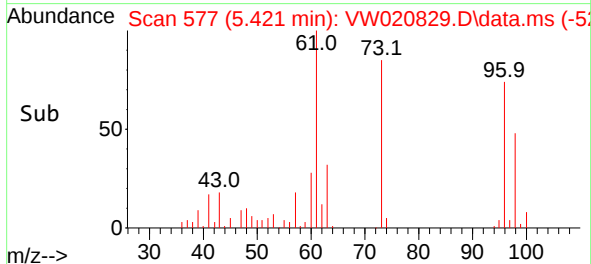
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 34130
Ion Ratio Lower Upper
96 100
61 135.8 113.5 170.3
98 65.5 48.6 72.8

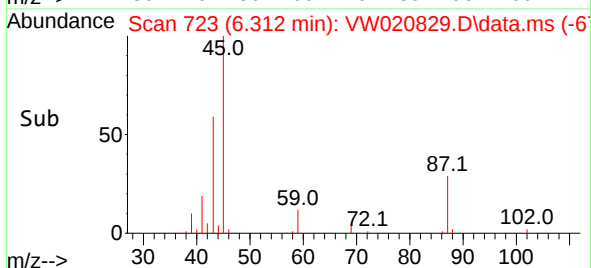
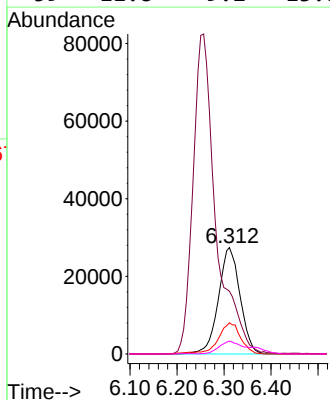
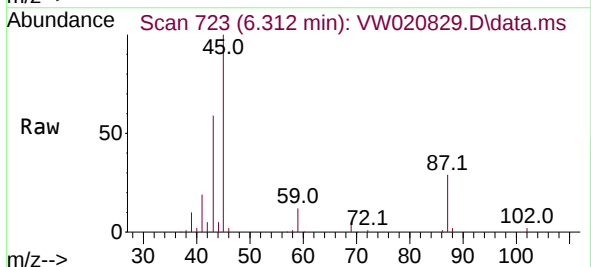
Manual Integrations
APPROVED

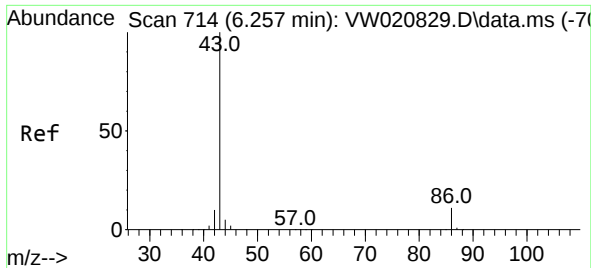
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 35.021 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

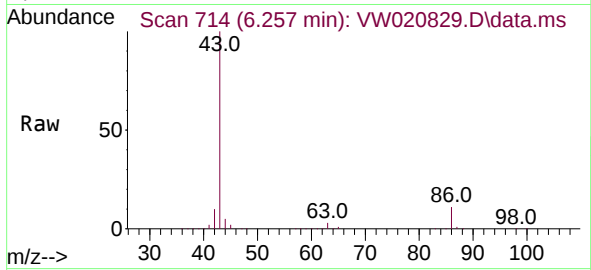
Tgt Ion: 45 Resp: 87534
Ion Ratio Lower Upper
45 100
43 58.5 45.1 67.7
87 29.4 21.2 31.8
59 11.8 9.2 13.8





#23
 Vinyl Acetate
 Concen: 195.334 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

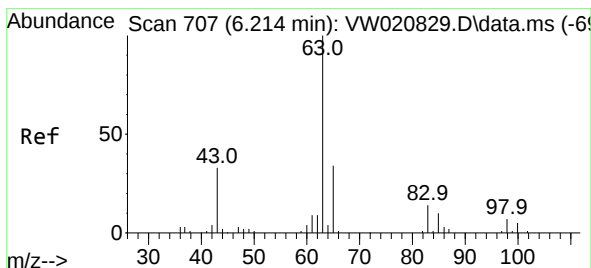
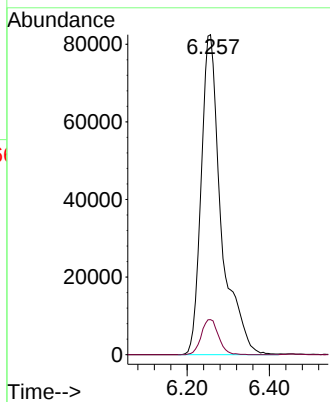
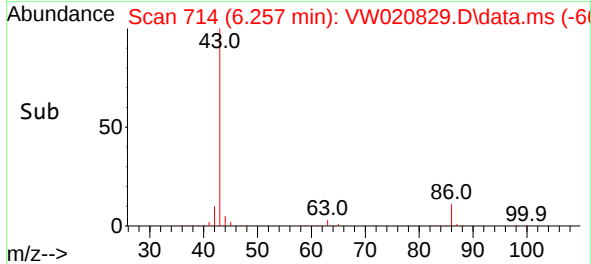
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



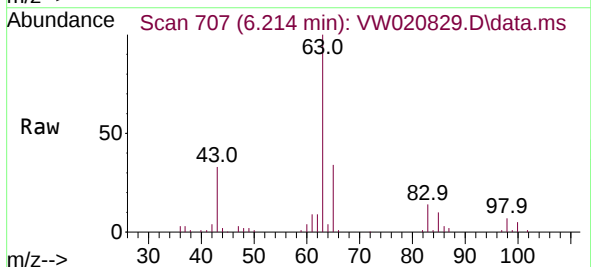
Tgt Ion: 43 Resp: 27886
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7

Manual Integrations
 APPROVED

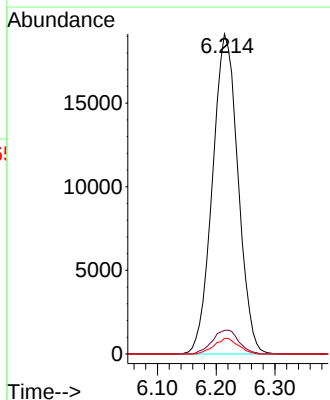
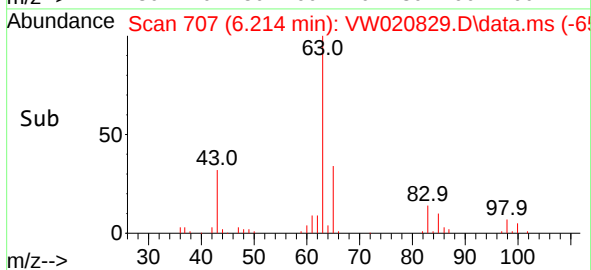
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

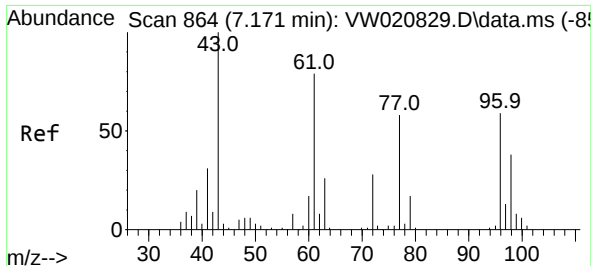


#24
 1,1-Dichloroethane
 Concen: 36.106 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02



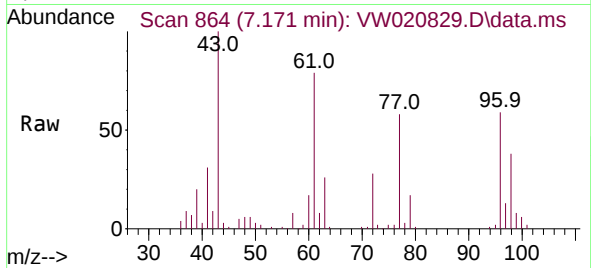
Tgt Ion: 63 Resp: 57822
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.2 9.6
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 224.015 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

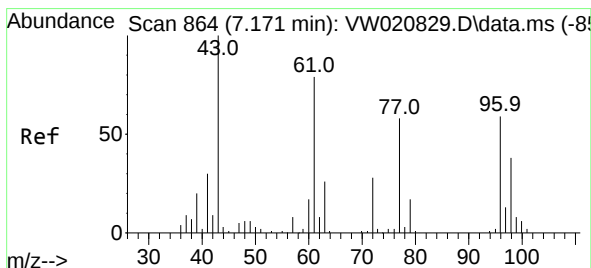
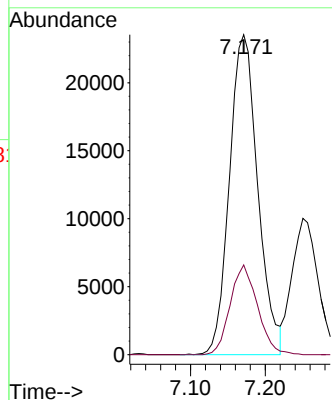
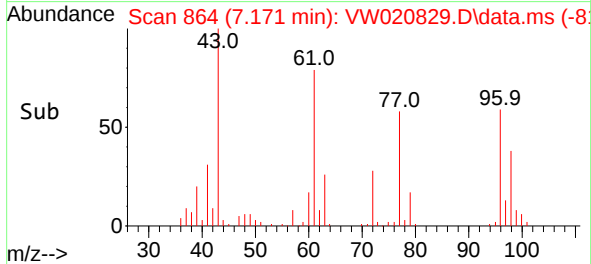
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



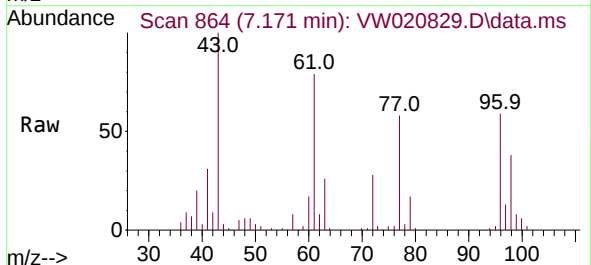
Tgt Ion: 43 Resp: 6197
Ion Ratio Lower Upper
43 100
72 28.1 21.4 32.0

Manual Integrations
APPROVED

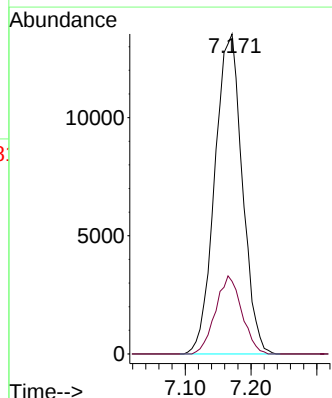
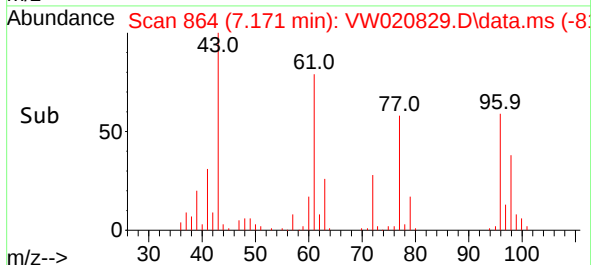
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

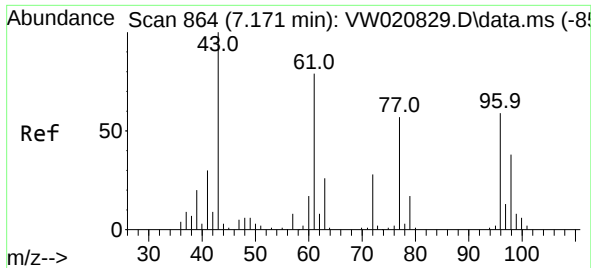


#26
2,2-Dichloropropane
Concen: 38.629 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



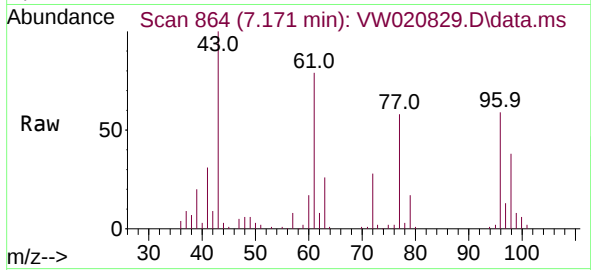
Tgt Ion: 77 Resp: 39419
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 38.968 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

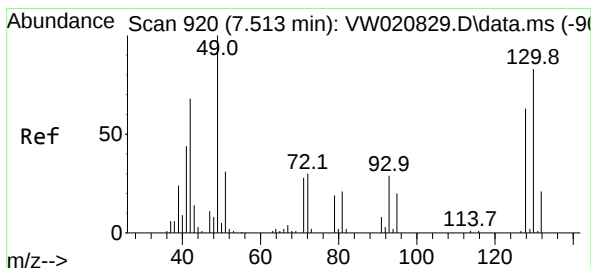
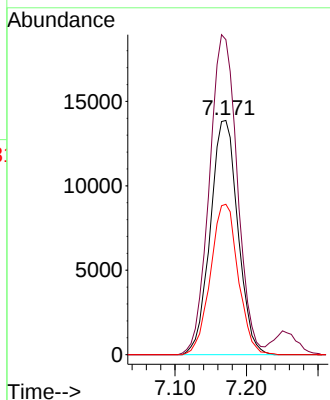
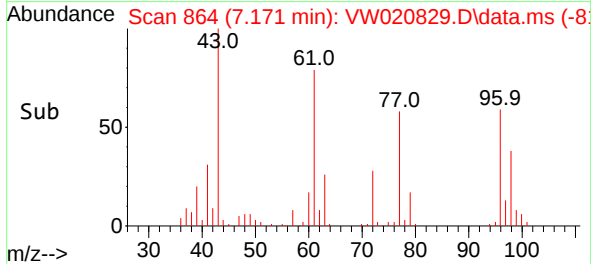
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 37150
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 298.0
 98 64.5 0.0 129.4

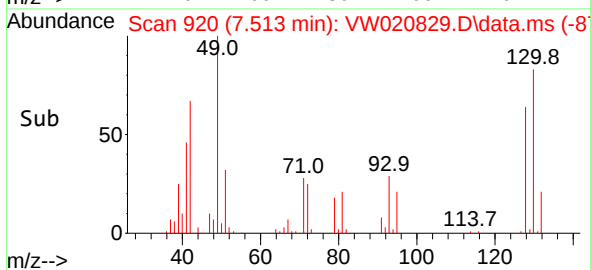
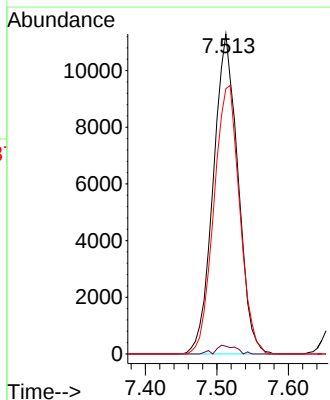
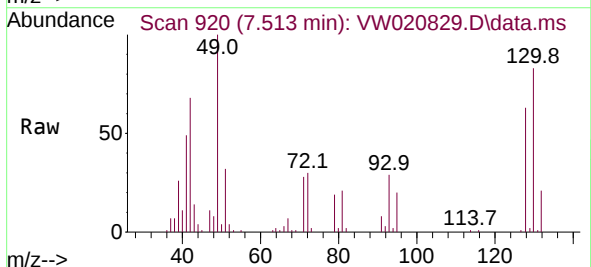
Manual Integrations
 APPROVED

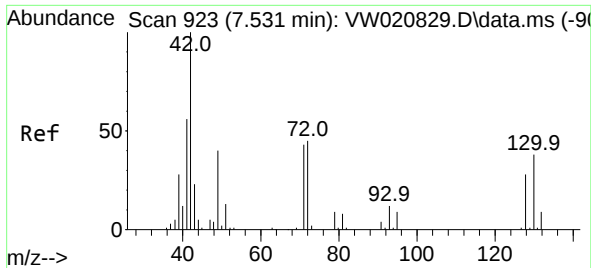
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 40.269 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

Tgt Ion: 49 Resp: 27024
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 0.0#
 130 87.5 63.0 94.6





#29

Tetrahydrofuran

Concen: 221.755 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Instrument :

MSVOA_W

ClientSampleId :

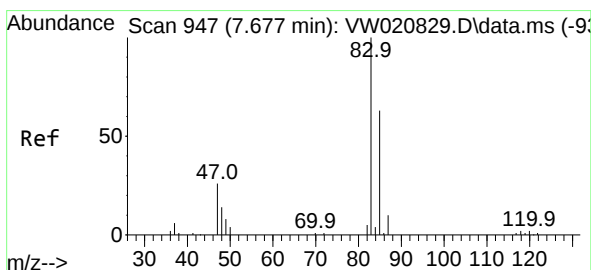
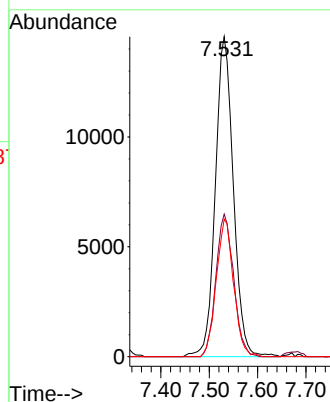
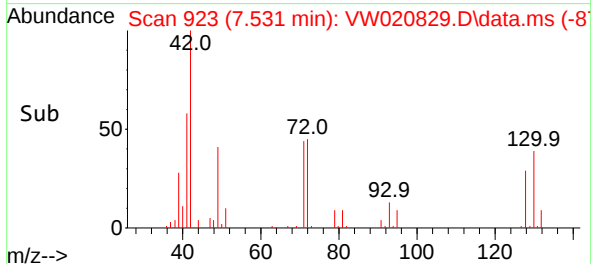
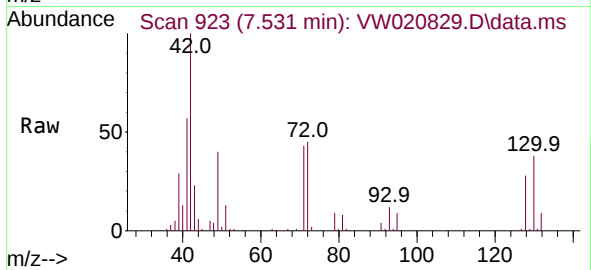
VSTDICCC050

Tgt Ion: 42 Resp: 37630
 Ion Ratio Lower Upper
 42 100
 72 43.8 35.0 52.6
 71 41.4 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 36.954 ug/l

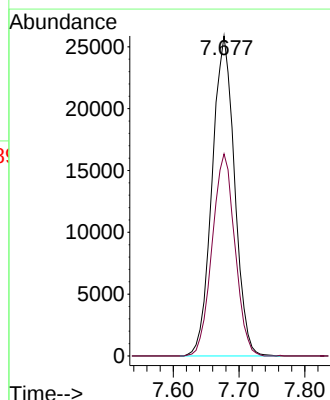
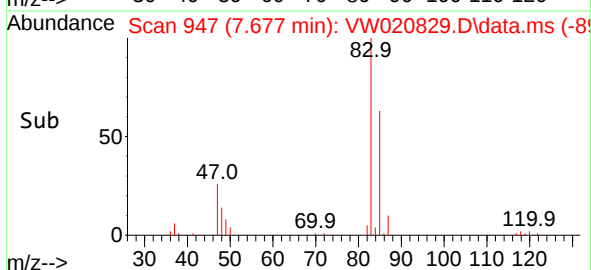
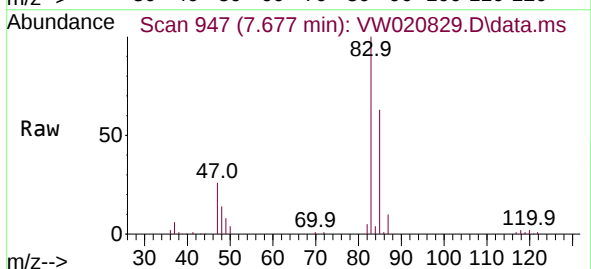
RT: 7.677 min Scan# 947

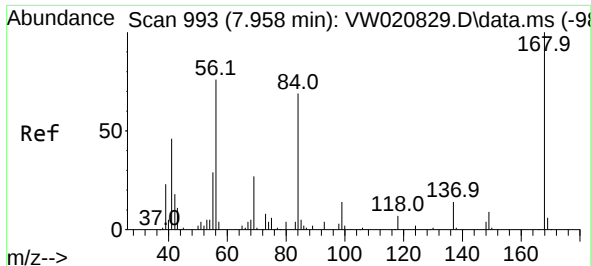
Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

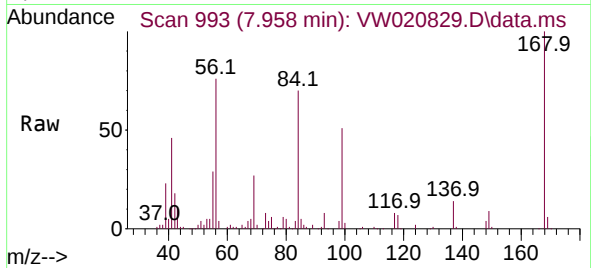
Tgt Ion: 83 Resp: 61458
 Ion Ratio Lower Upper
 83 100
 85 63.1 52.9 79.3





#31
Cyclohexane
Concen: 37.182 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

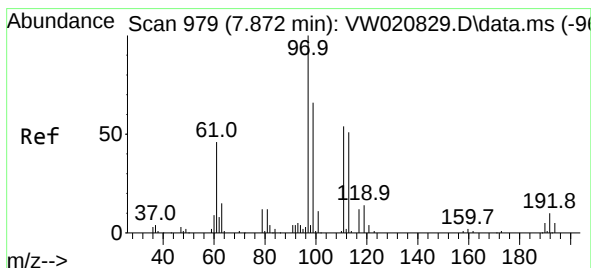
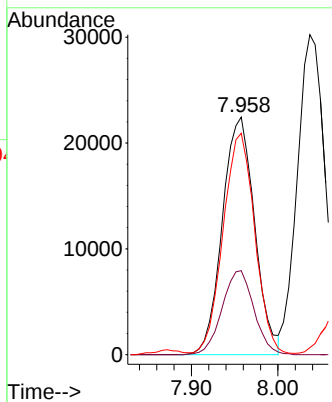
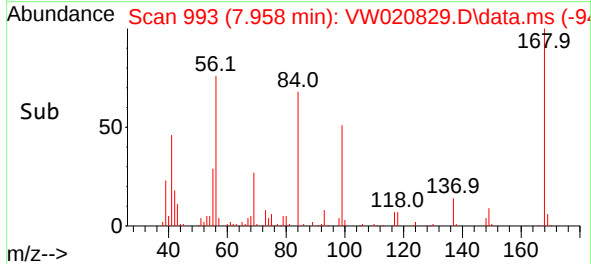
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



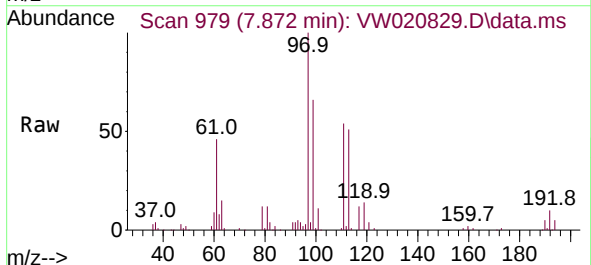
Tgt Ion: 56 Resp: 58170
Ion Ratio Lower Upper
56 100
69 35.3 27.2 40.8
84 91.7 71.8 107.6

Manual Integrations
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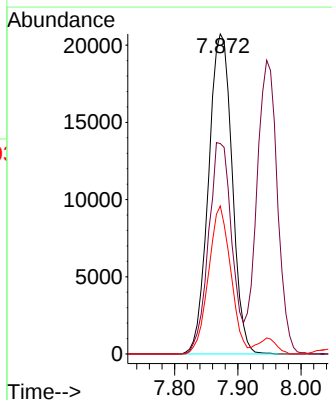
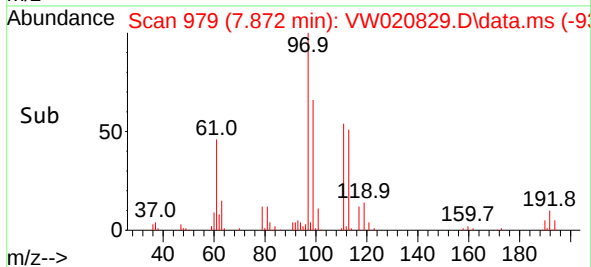
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

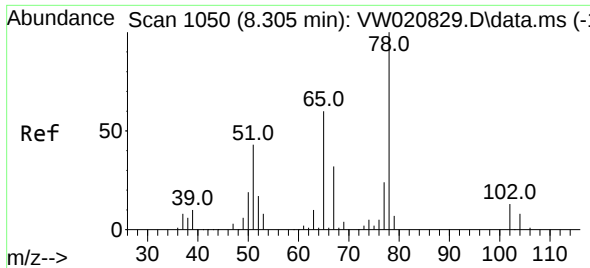


#32
1,1,1-Trichloroethane
Concen: 39.330 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



Tgt Ion: 97 Resp: 53661
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 43.8 36.6 55.0





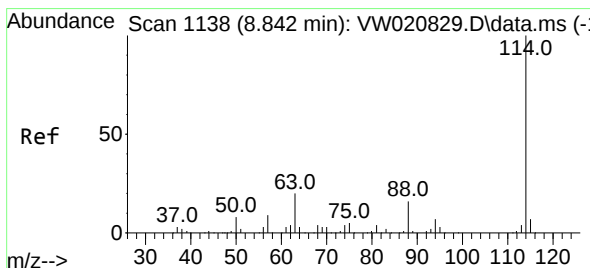
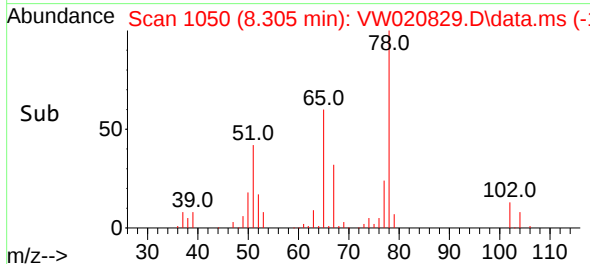
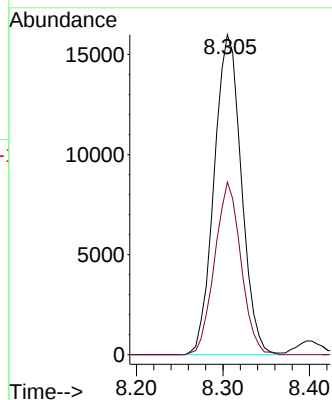
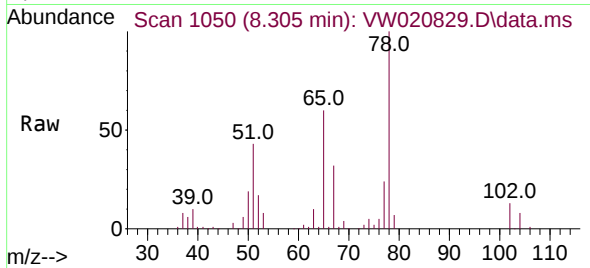
#33
1,2-Dichloroethane-d4
Concen: 37.433 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 3500
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.2

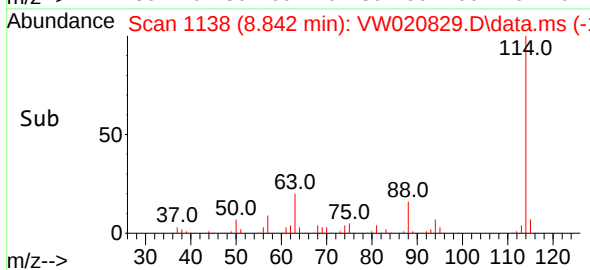
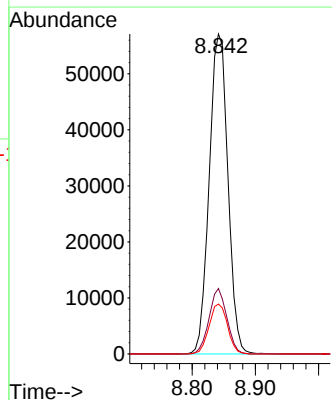
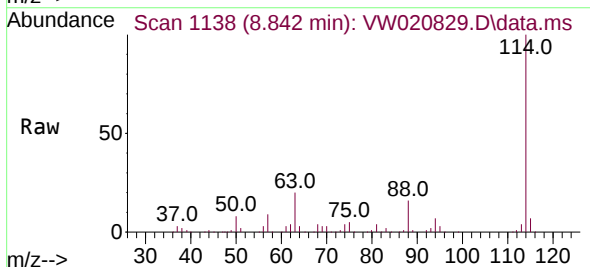
Manual Integrations
APPROVED

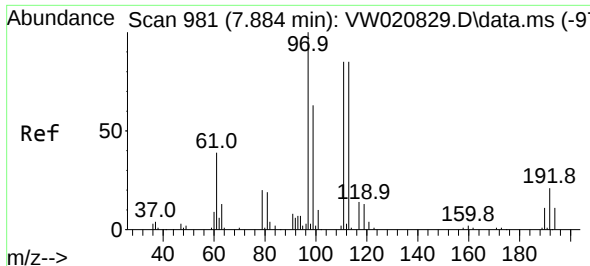
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

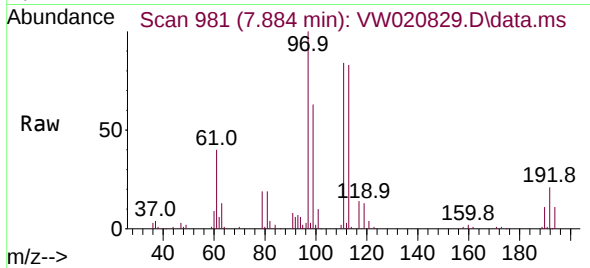
Tgt Ion:114 Resp: 117168
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.6 0.0 33.0





#35
Dibromofluoromethane
Concen: 43.363 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

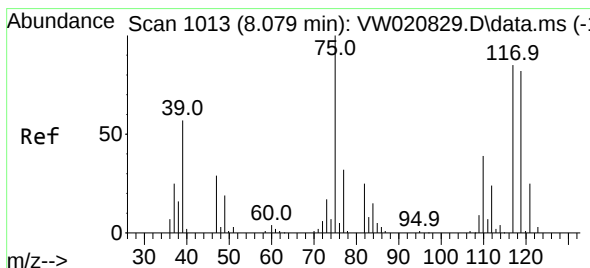
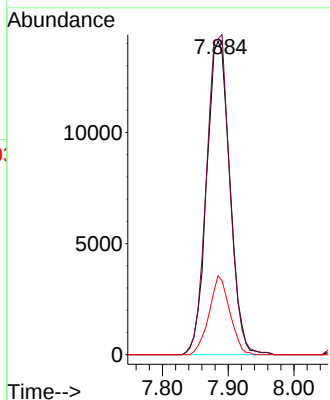
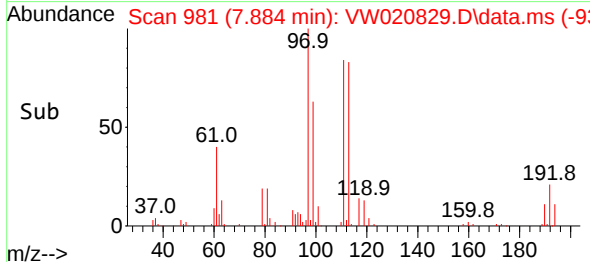
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



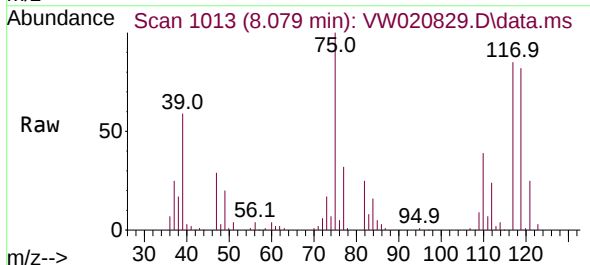
Tgt Ion: 113 Resp: 3466
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 22.4 17.8 26.8

Manual Integrations
APPROVED

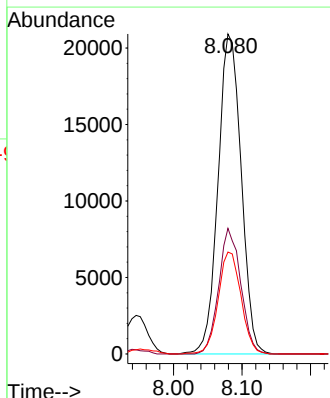
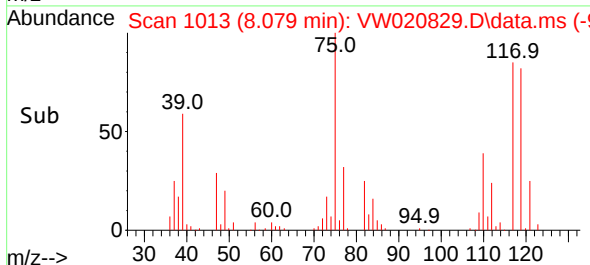
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

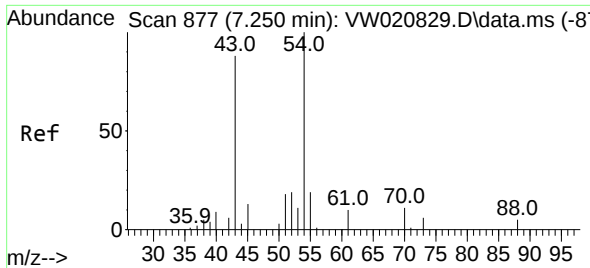


#36
1,1-Dichloropropene
Concen: 39.381 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



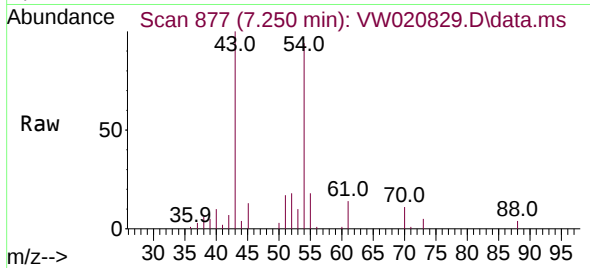
Tgt Ion: 75 Resp: 48987
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.3
77 31.5 24.9 37.3





#37
Ethyl Acetate
Concen: 43.317 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

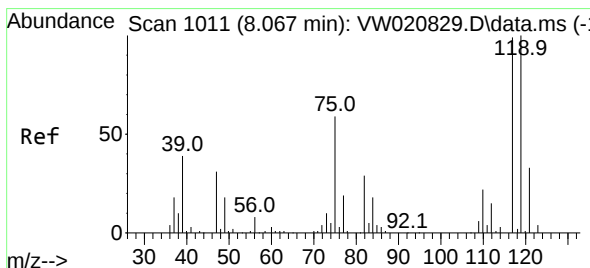
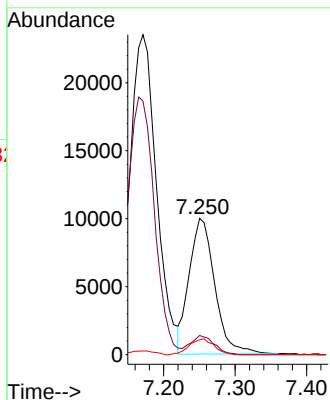
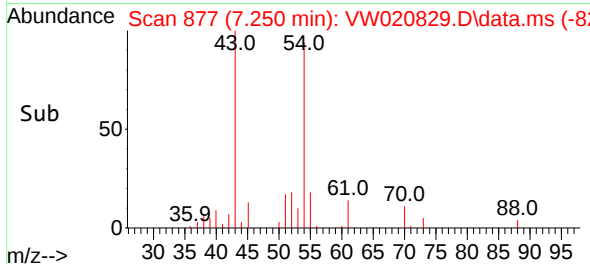
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 24852
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 11.2 8.8 13.2

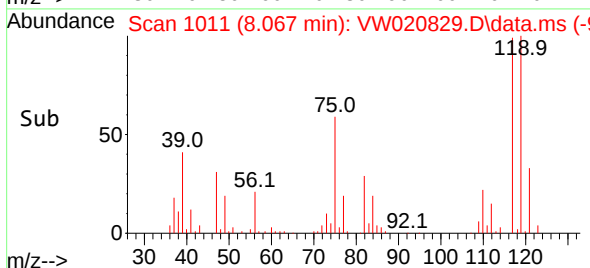
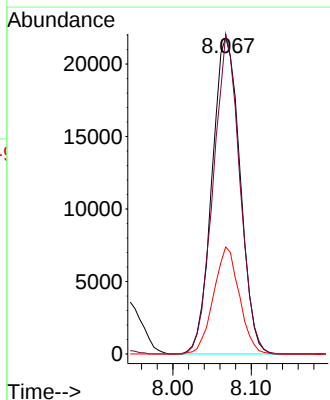
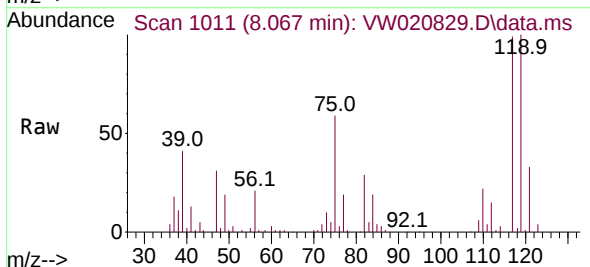
Manual Integrations
APPROVED

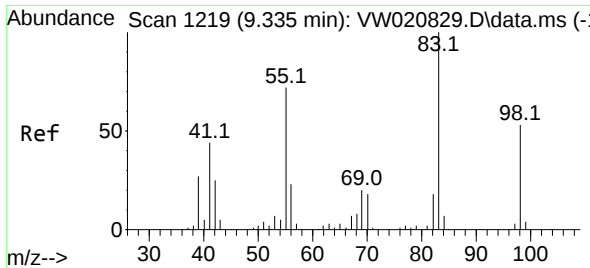
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 44.031 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:117 Resp: 54113
Ion Ratio Lower Upper
117 100
119 101.1 72.9 109.3
121 33.8 23.4 35.0





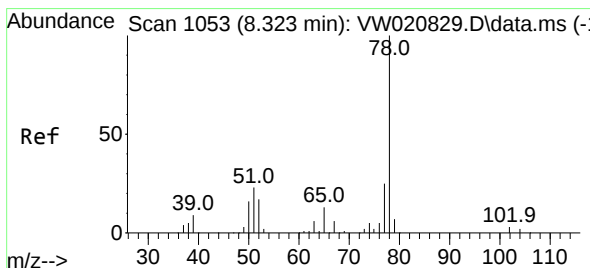
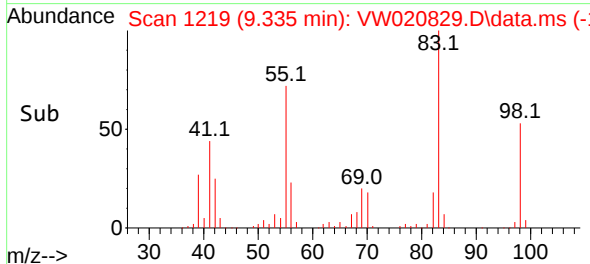
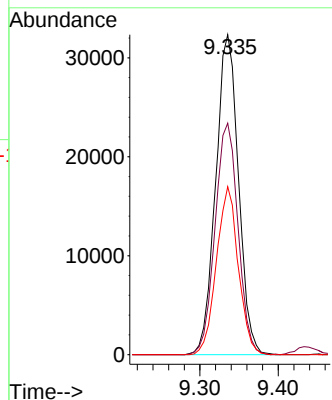
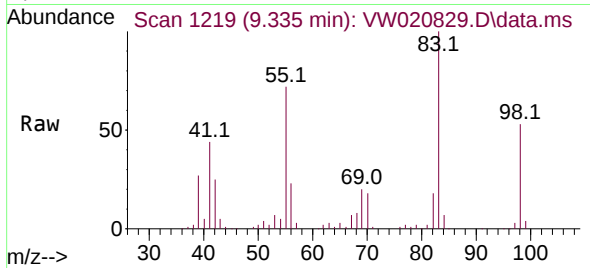
#39
Methylcyclohexane
Concen: 44.309 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 65300
Ion Ratio Lower Upper
83 100
55 72.3 62.6 94.0
98 52.5 38.8 58.2

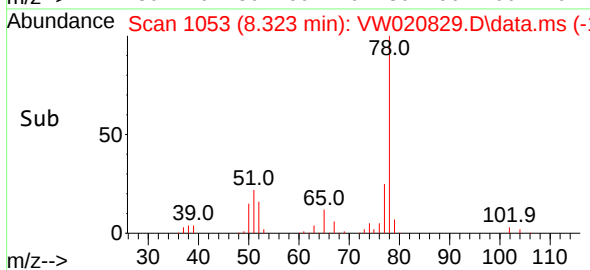
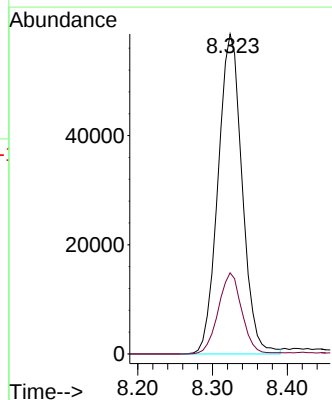
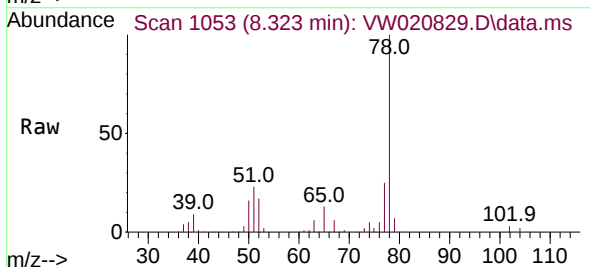
Manual Integrations
APPROVED

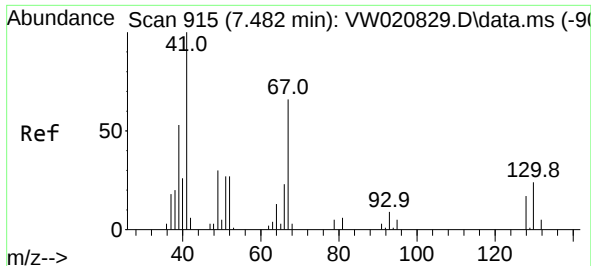
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 37.358 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

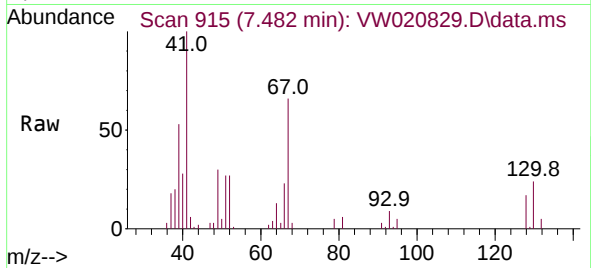
Tgt Ion: 78 Resp: 131434
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6





#41
Methacrylonitrile
Concen: 44.567 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

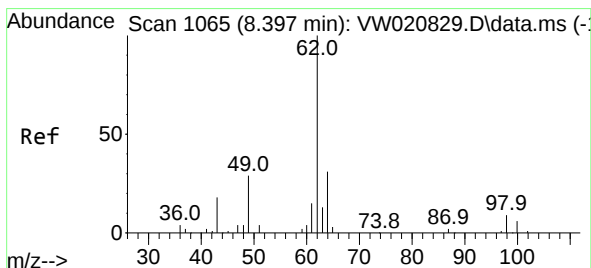
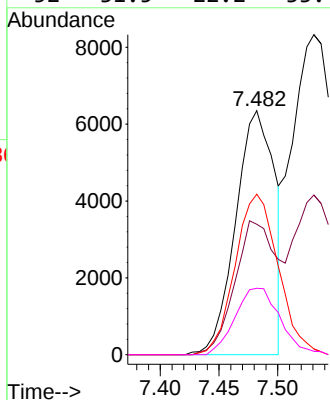
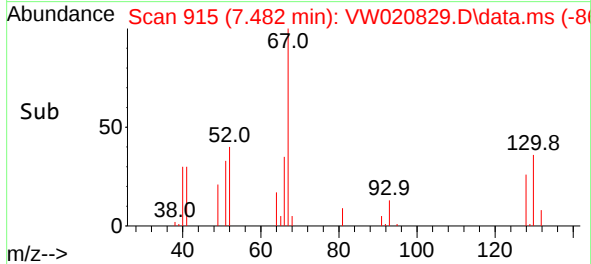
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 14630
Ion Ratio Lower Upper
41 100
39 61.7 44.3 66.5
67 72.9 50.9 76.3
52 31.5 22.2 33.4

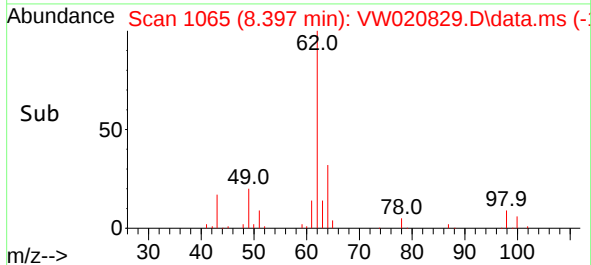
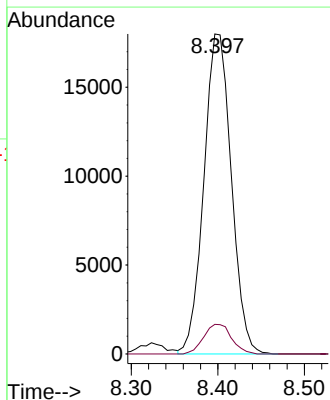
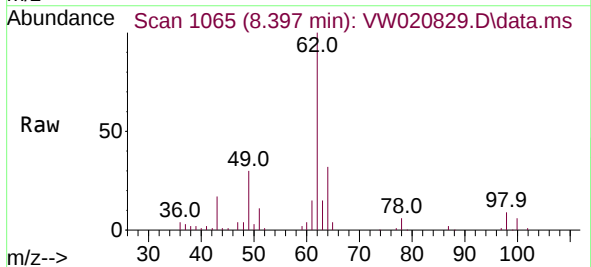
Manual Integrations
APPROVED

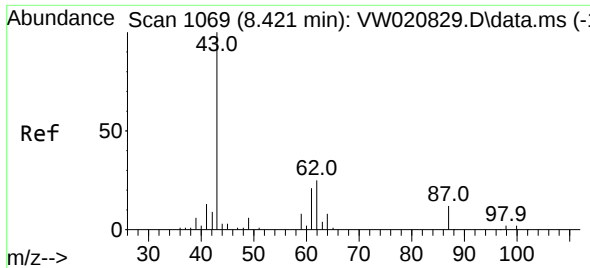
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 36.487 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion: 62 Resp: 39697
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8





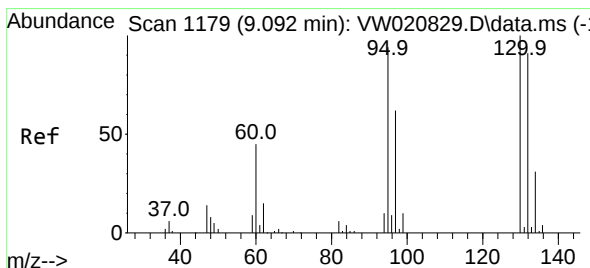
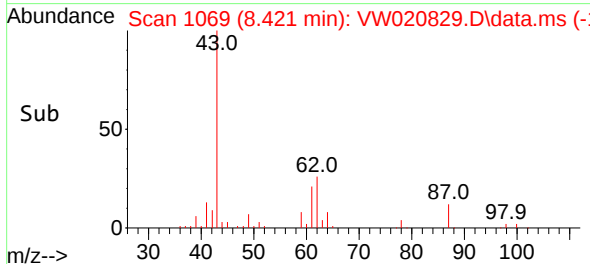
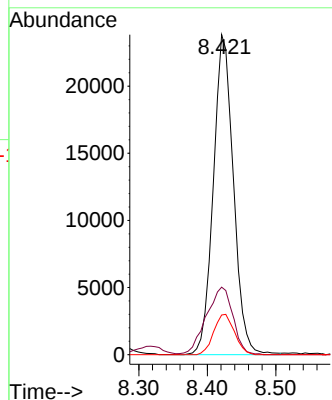
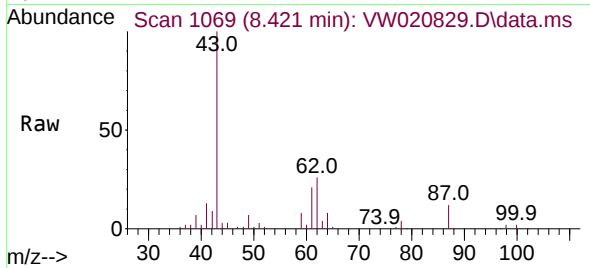
#43
Isopropyl Acetate
Concen: 44.943 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 4854
Ion Ratio Lower Upper
43 100
61 28.0 23.3 34.9
87 13.0 10.4 15.6

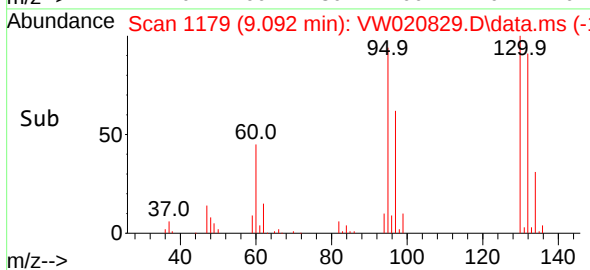
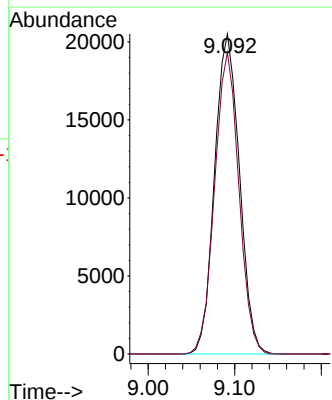
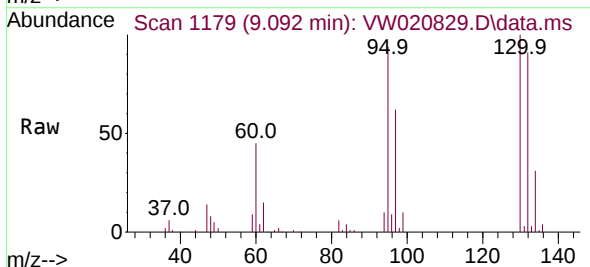
Manual Integrations
APPROVED

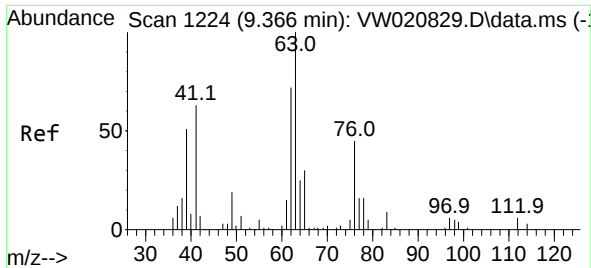
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 43.494 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

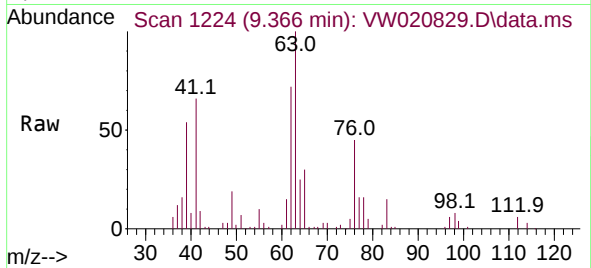
Tgt Ion:130 Resp: 40797
Ion Ratio Lower Upper
130 100
95 94.2 0.0 189.2





#45
1,2-Dichloropropane
Concen: 37.054 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

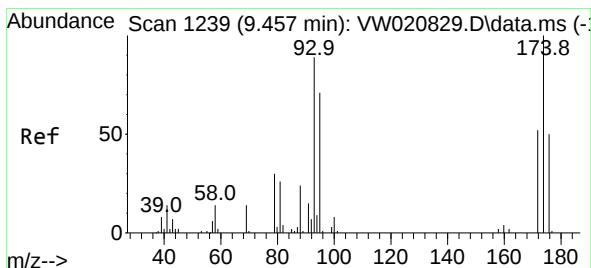
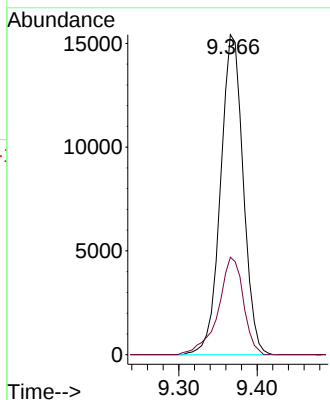
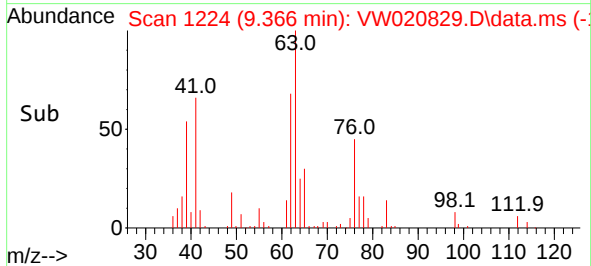
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 63 Resp: 30994
Ion Ratio Lower Upper
63 100
65 30.5 23.7 35.5

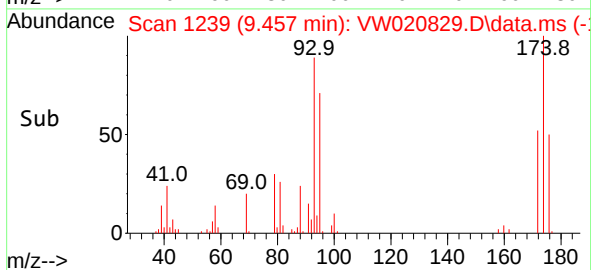
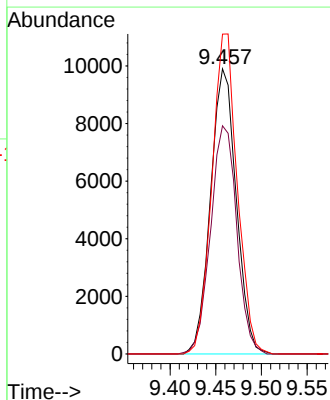
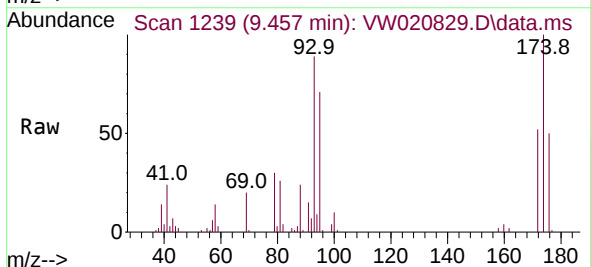
Manual Integrations
APPROVED

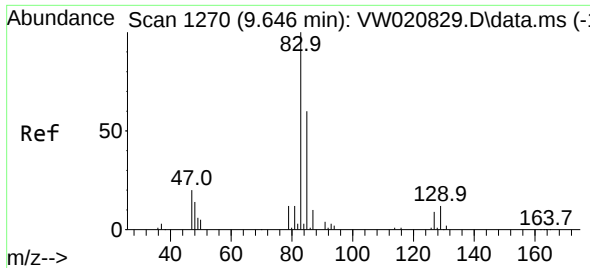
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
Dibromomethane
Concen: 41.401 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion: 93 Resp: 19350
Ion Ratio Lower Upper
93 100
95 81.6 67.0 100.4
174 110.9 88.9 133.3





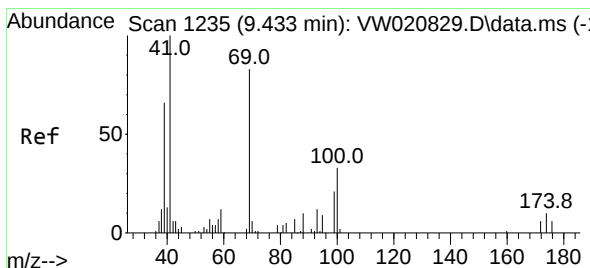
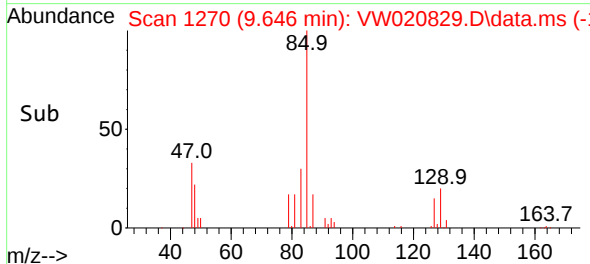
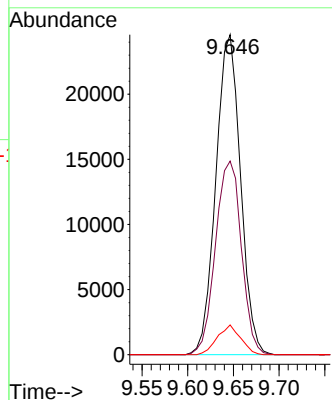
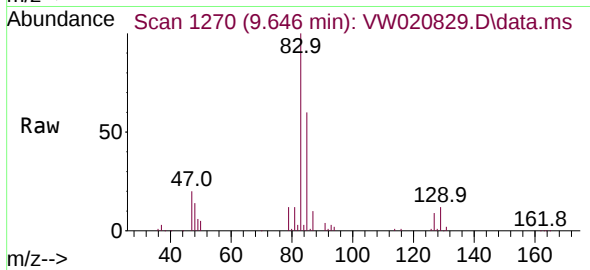
#47
Bromodichloromethane
Concen: 39.500 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 46170
Ion Ratio Lower Upper
83 100
85 60.5 51.0 76.6
127 9.3 7.0 10.4

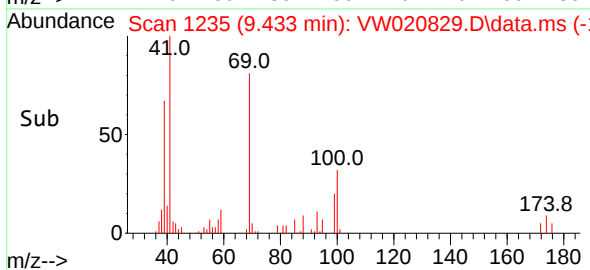
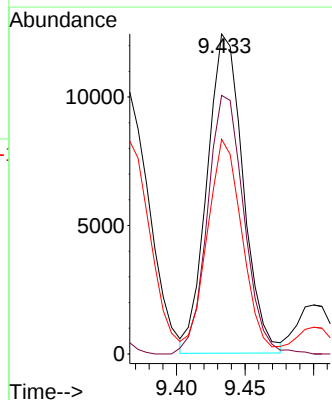
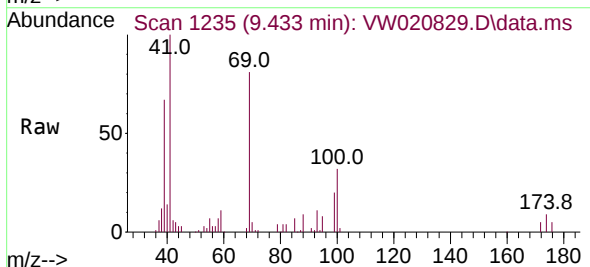
Manual Integrations
APPROVED

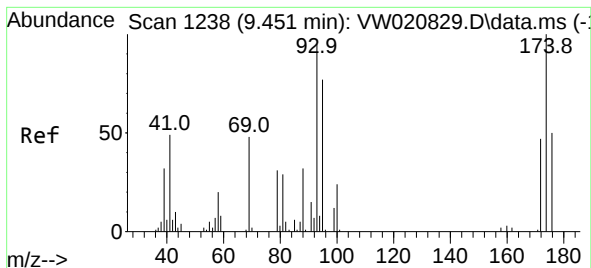
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 44.474 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

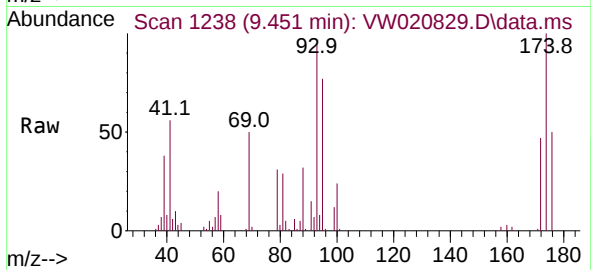
Tgt Ion: 41 Resp: 22748
Ion Ratio Lower Upper
41 100
69 82.0 67.2 100.8
39 60.7 47.0 70.6





#49
 1,4-Dioxane
 Concen: 995.460 ug/l
 RT: 9.451 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

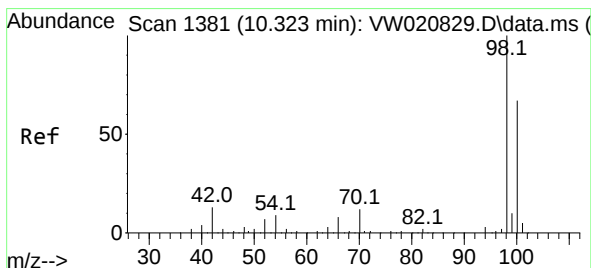
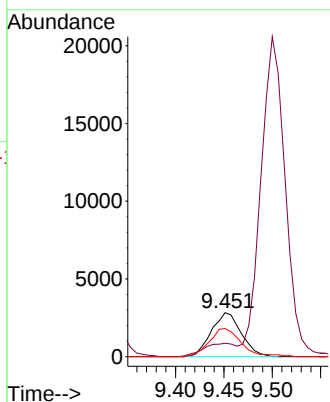
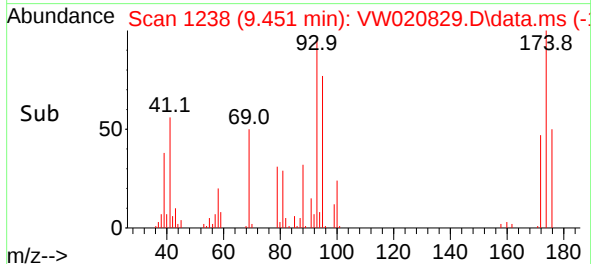
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 88 Resp: 605
 Ion Ratio Lower Upper
 88 100
 43 33.4 28.8 43.2
 58 68.5 59.6 89.4

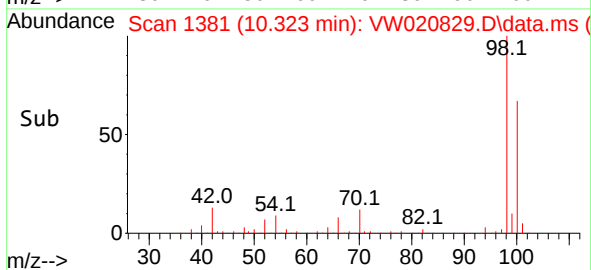
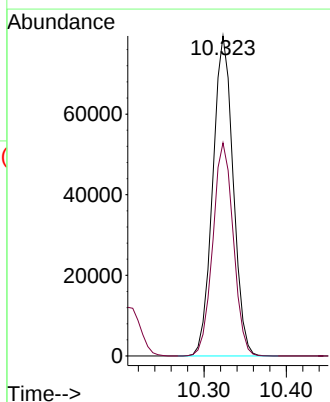
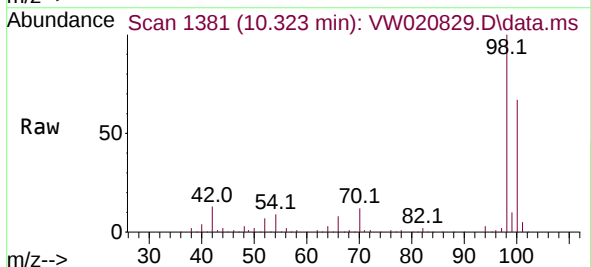
Manual Integrations
 APPROVED

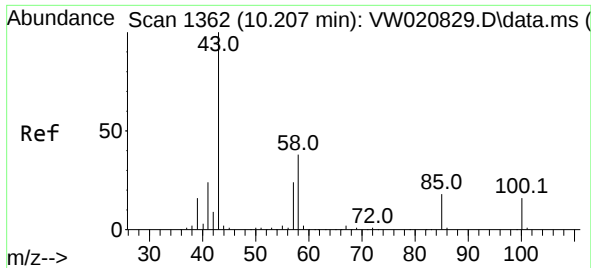
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#50
 Toluene-d8
 Concen: 44.968 ug/l
 RT: 10.323 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

Tgt Ion: 98 Resp: 136729
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.2 79.8





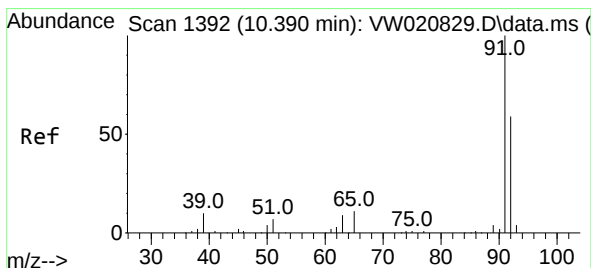
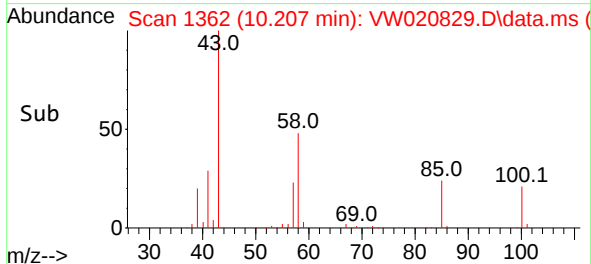
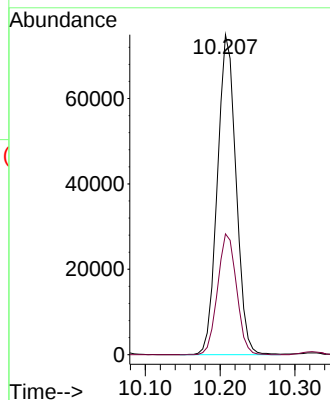
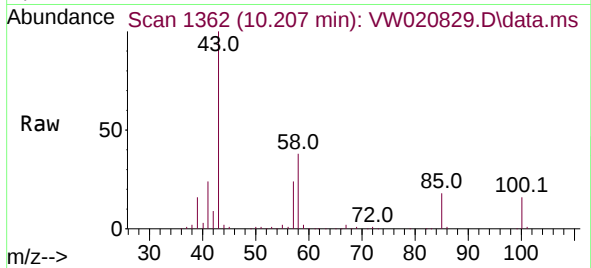
#51
4-Methyl-2-Pentanone
Concen: 227.066 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 129812
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

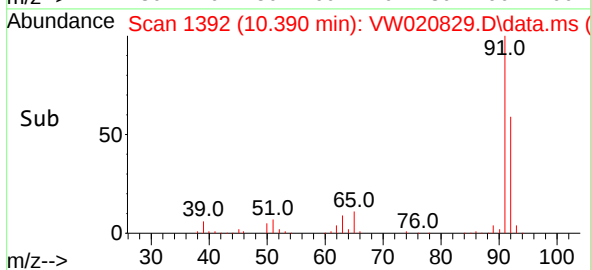
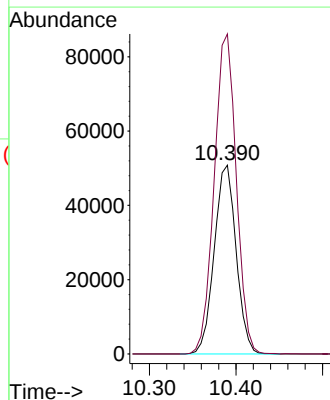
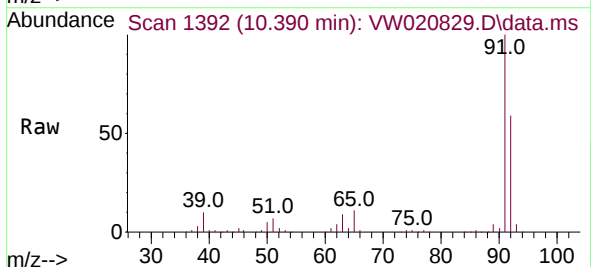
Manual Integrations
APPROVED

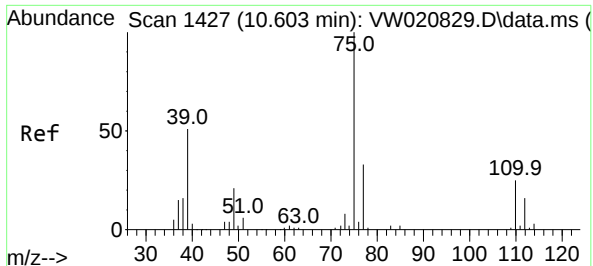
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 40.773 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion: 92 Resp: 89223
Ion Ratio Lower Upper
92 100
91 171.0 136.6 204.8





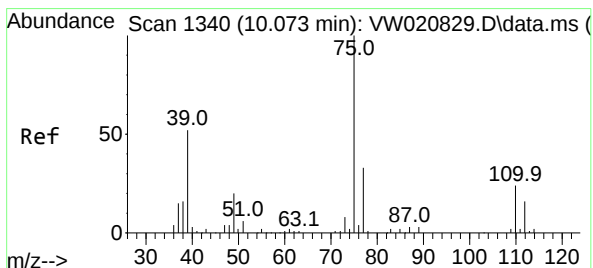
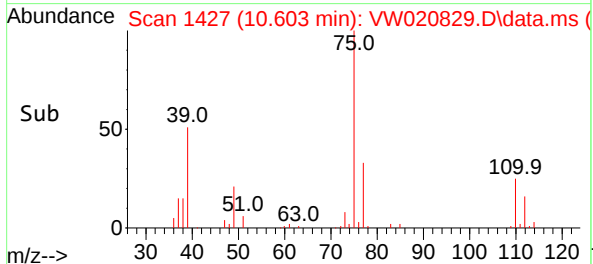
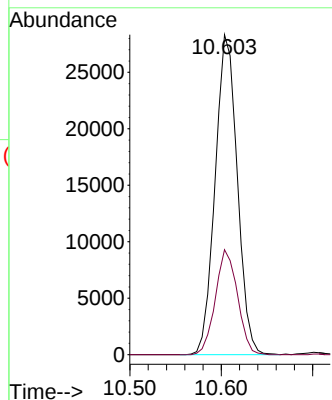
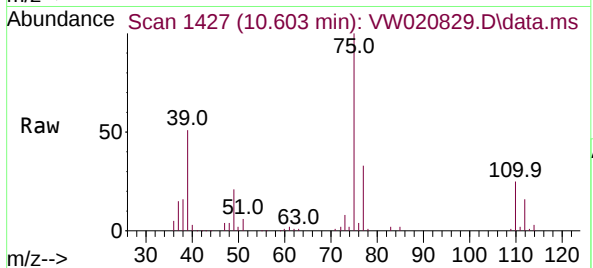
#53
 t-1,3-Dichloropropene
 Concen: 40.694 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 47748
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 37.0

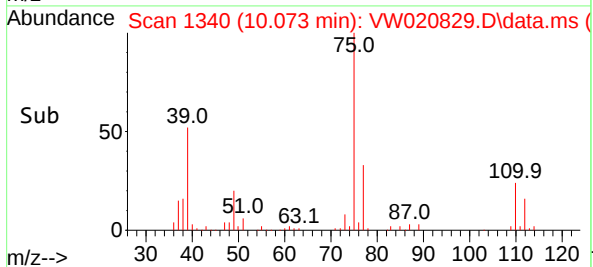
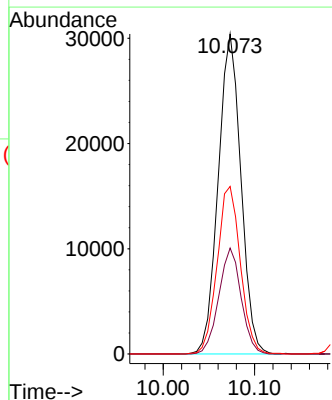
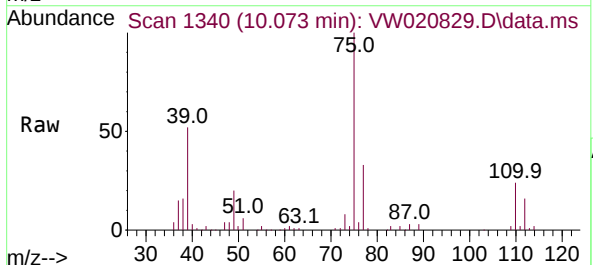
Manual Integrations
 APPROVED

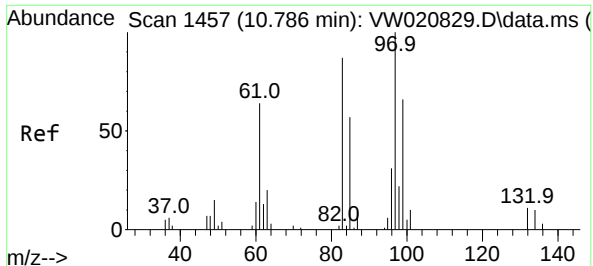
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#54
 cis-1,3-Dichloropropene
 Concen: 39.223 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW020829.D
 Acq: 10 Nov 2021 12:02

Tgt Ion: 75 Resp: 52462
 Ion Ratio Lower Upper
 75 100
 77 33.1 23.8 35.8
 39 52.4 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 39.745 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 25670

Ion Ratio Lower Upper

97 100

83 86.8 69.0 103.4

85 57.0 44.3 66.5

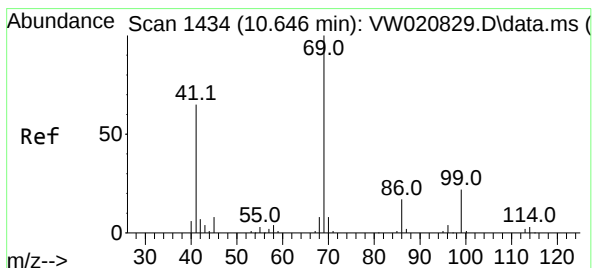
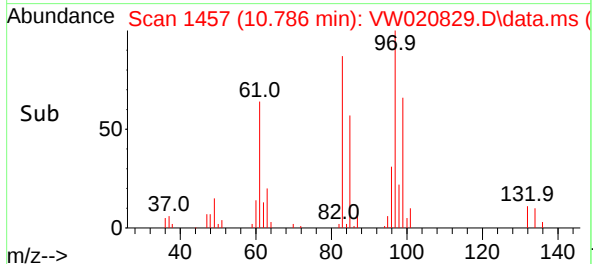
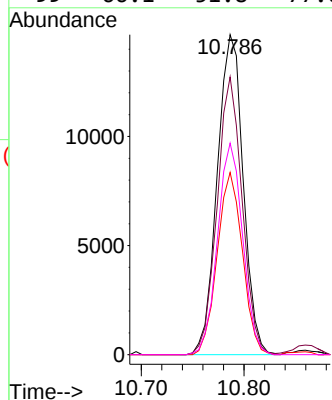
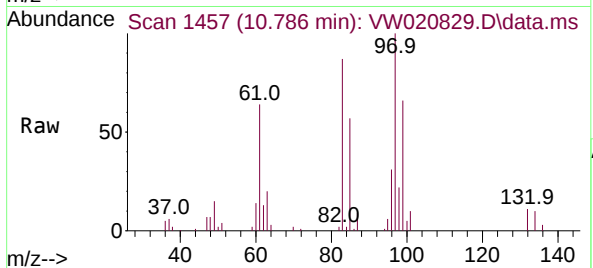
99 66.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#56

Ethyl methacrylate

Concen: 44.058 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

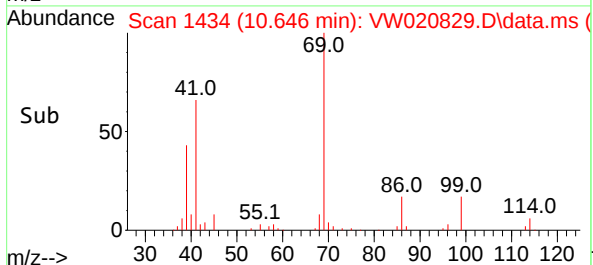
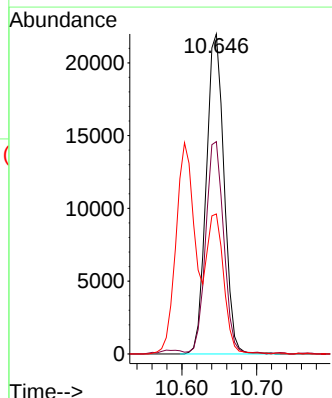
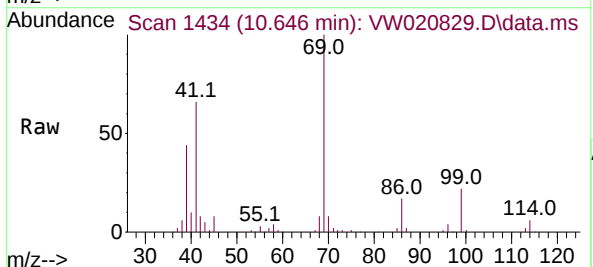
Tgt Ion: 69 Resp: 36350

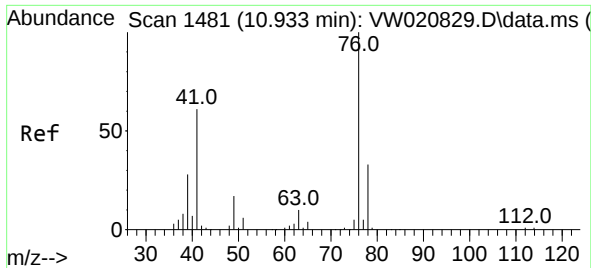
Ion Ratio Lower Upper

69 100

41 67.6 56.6 85.0

39 40.8 29.6 44.4





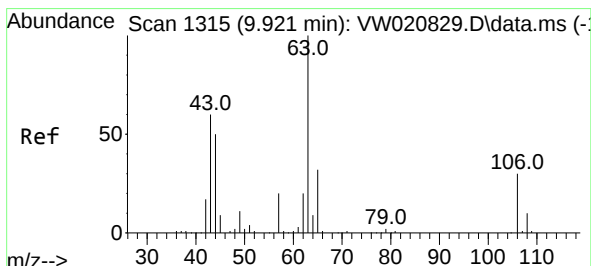
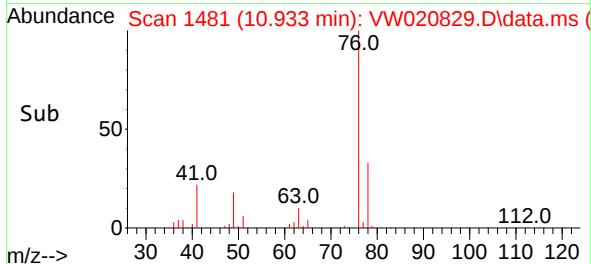
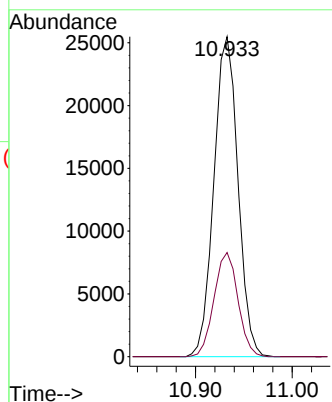
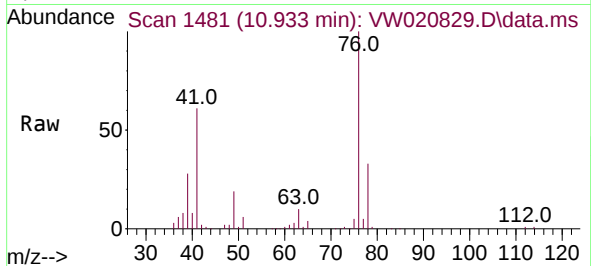
#57
1,3-Dichloropropane
Concen: 38.987 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 44018
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

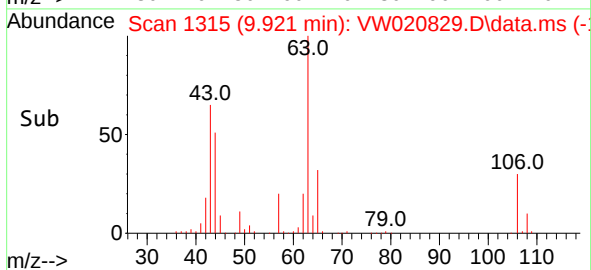
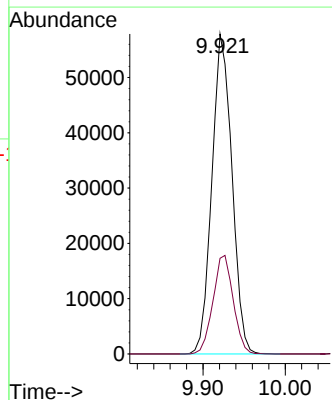
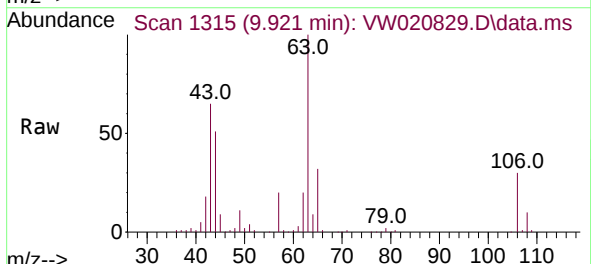
Manual Integrations
APPROVED

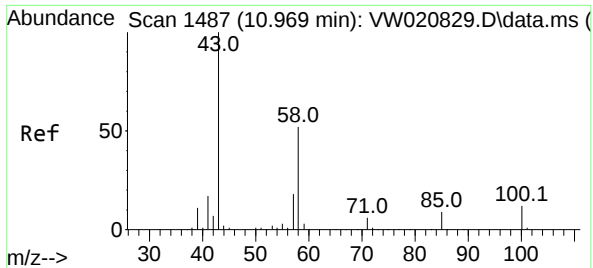
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
2-Chloroethyl Vinyl ether
Concen: 250.660 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

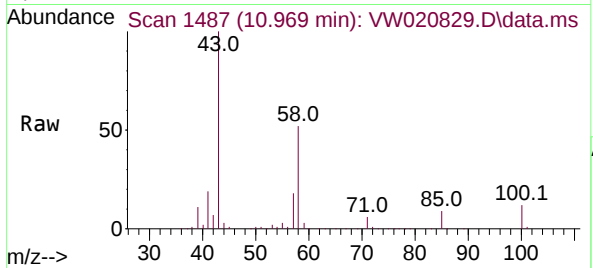
Tgt Ion: 63 Resp: 98169
Ion Ratio Lower Upper
63 100
106 31.0 23.0 34.6





#59
2-Hexanone
Concen: 235.567 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

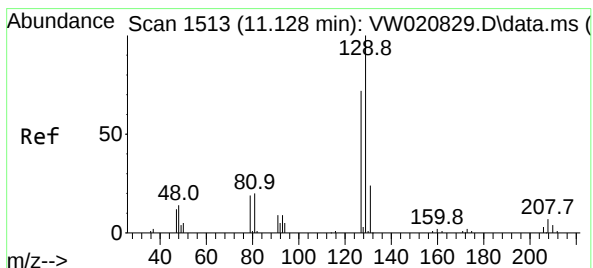
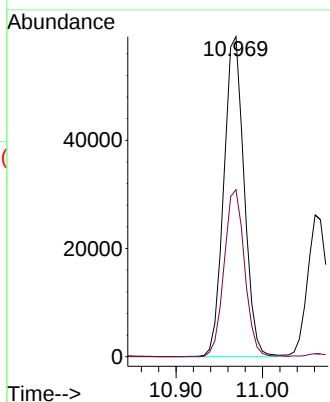
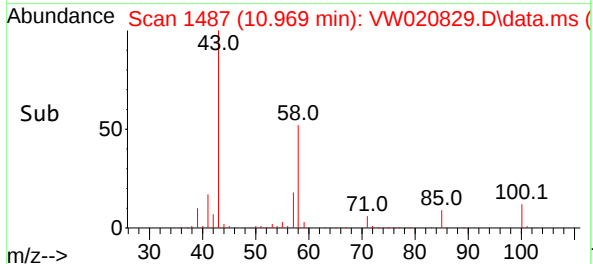
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



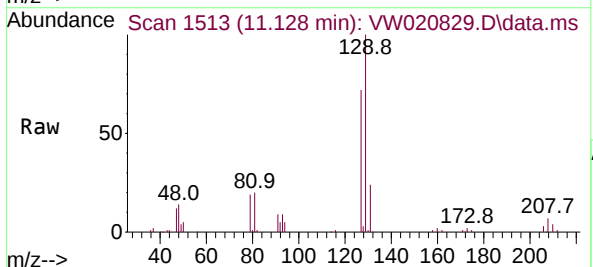
Tgt Ion: 43 Resp: 96335
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.2

Manual Integrations
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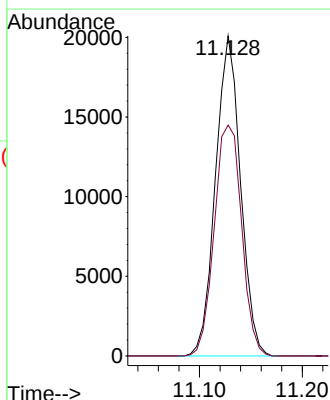
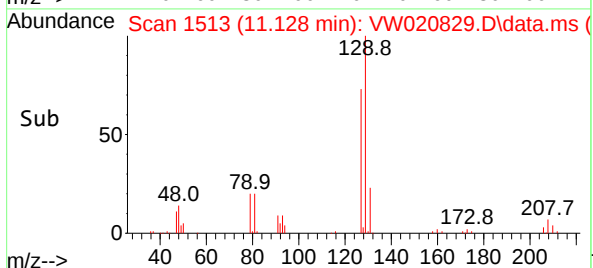
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

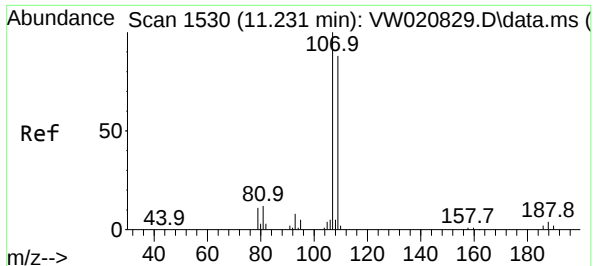


#60
Dibromochloromethane
Concen: 43.650 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



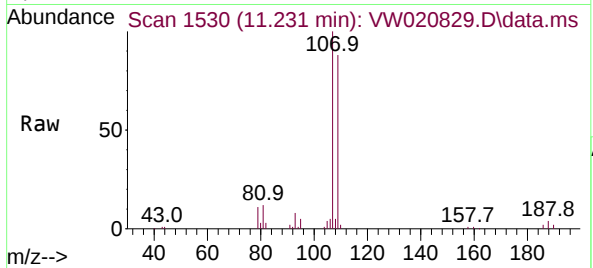
Tgt Ion:129 Resp: 33932
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.6





#61
1,2-Dibromoethane
Concen: 42.772 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

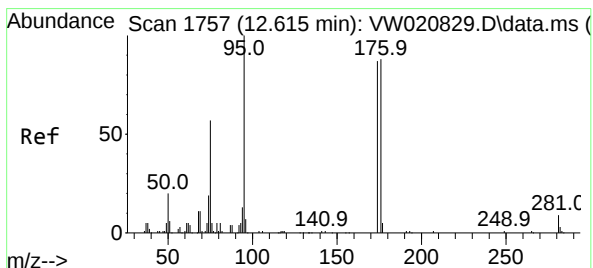
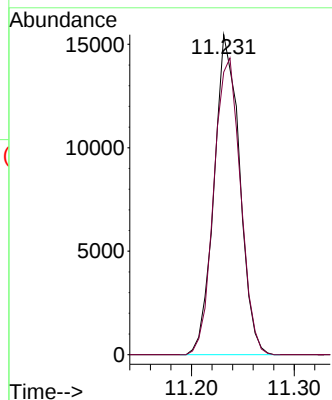
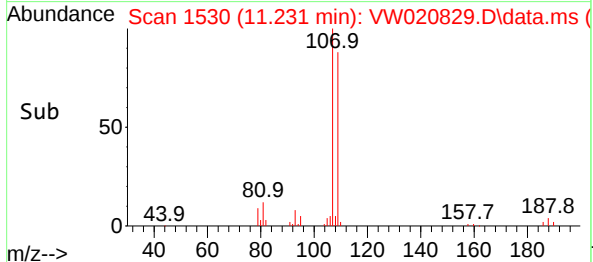
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



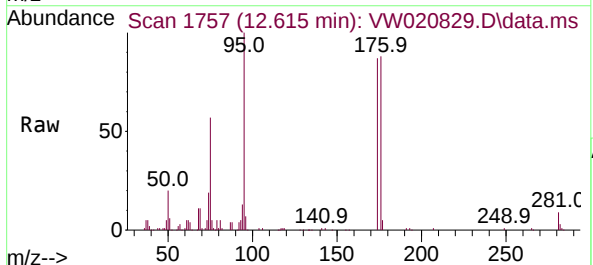
Tgt Ion:107 Resp: 26658
Ion Ratio Lower Upper
107 100
109 96.6 75.4 113.2

Manual Integrations
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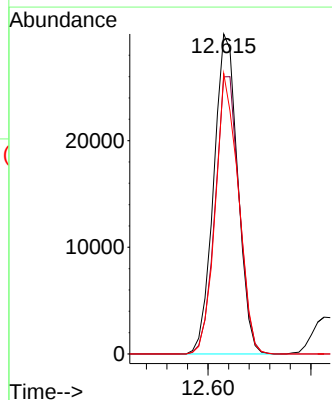
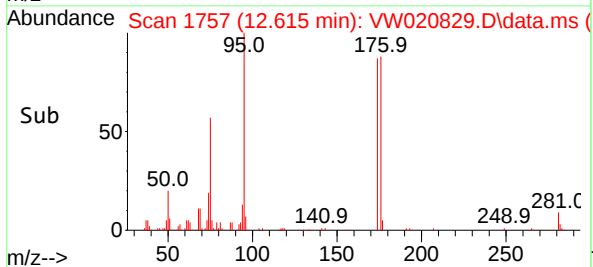
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

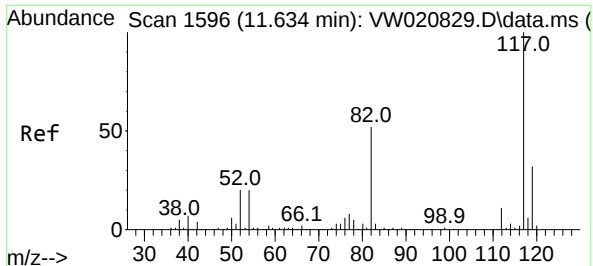


#62
4-Bromofluorobenzene
Concen: 43.305 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



Tgt Ion: 95 Resp: 48667
Ion Ratio Lower Upper
95 100
174 86.7 0.0 166.4
176 83.9 0.0 159.8





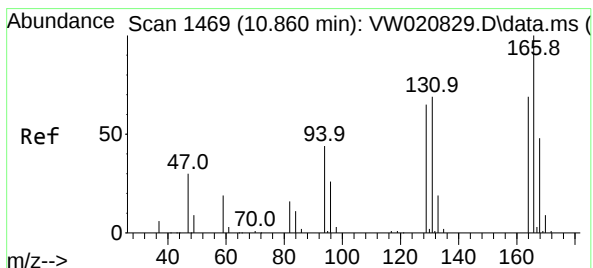
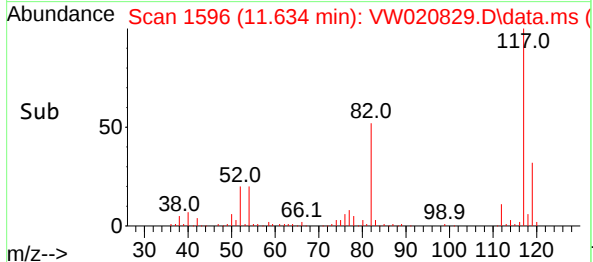
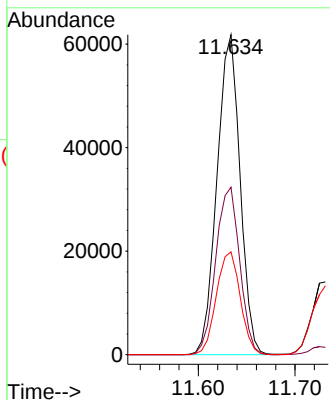
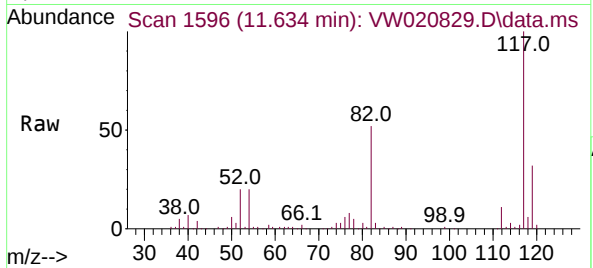
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 102320
Ion Ratio Lower Upper
117 100
82 52.3 45.6 68.4
119 32.2 25.0 37.4

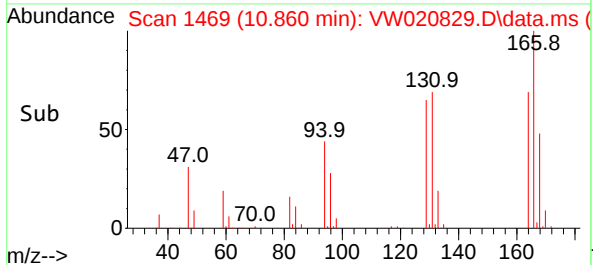
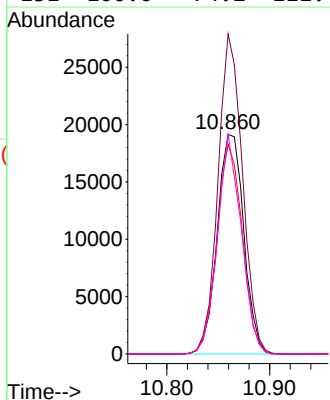
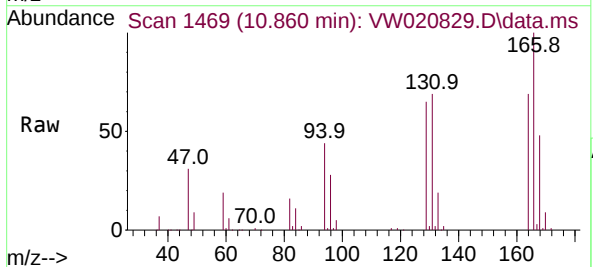
Manual Integrations
APPROVED

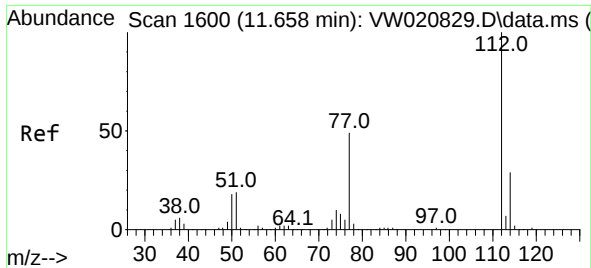
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 43.815 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

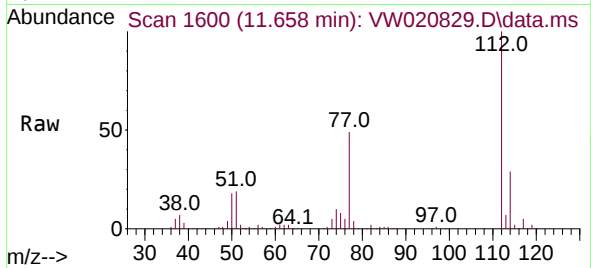
Tgt Ion:164 Resp: 34350
Ion Ratio Lower Upper
164 100
166 145.8 110.2 165.4
129 95.4 74.4 111.6
131 100.0 74.2 111.4





#65
Chlorobenzene
Concen: 42.718 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

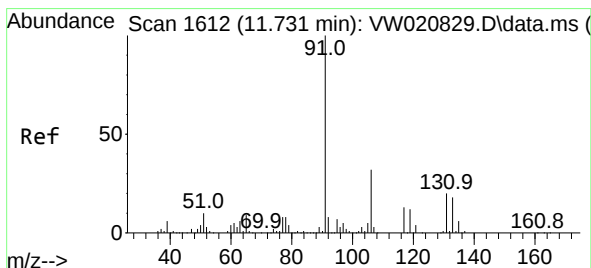
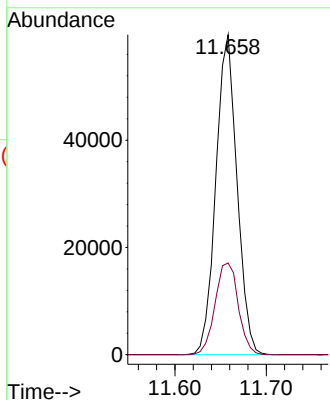
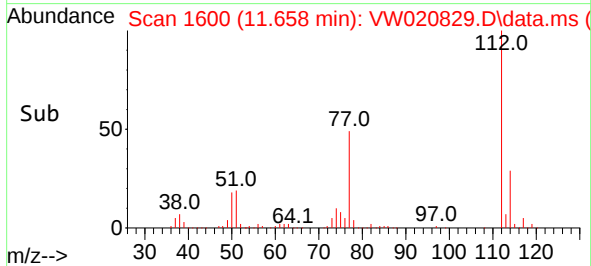
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



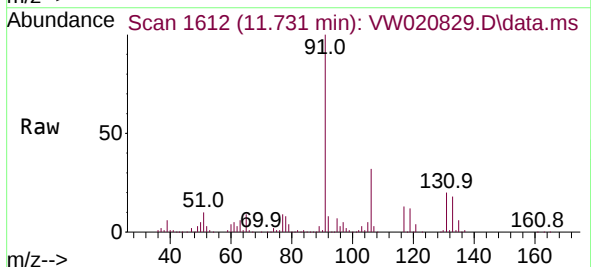
Tgt Ion:112 Resp: 95900
Ion Ratio Lower Upper
112 100
114 28.7 27.0 40.6

Manual Integrations
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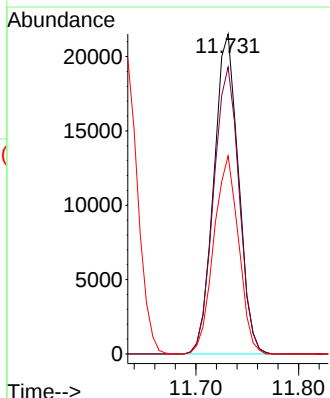
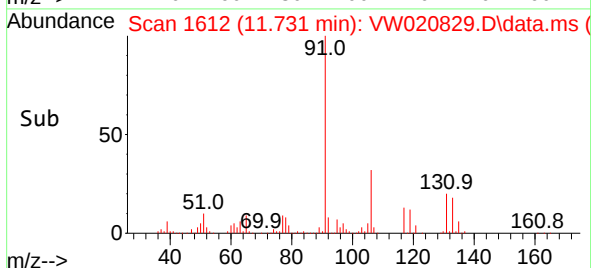
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

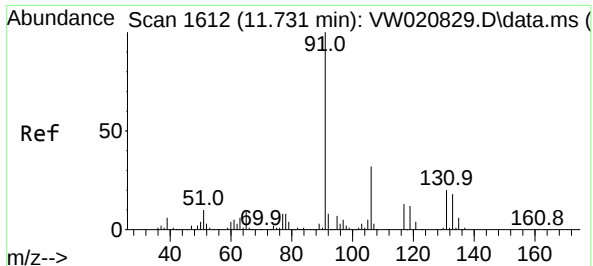


#66
1,1,1,2-Tetrachloroethane
Concen: 44.240 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



Tgt Ion:131 Resp: 35738
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.8
119 62.6 31.6 95.0





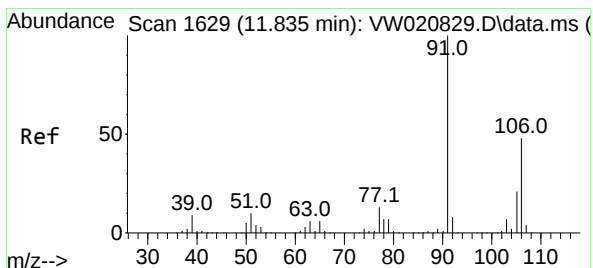
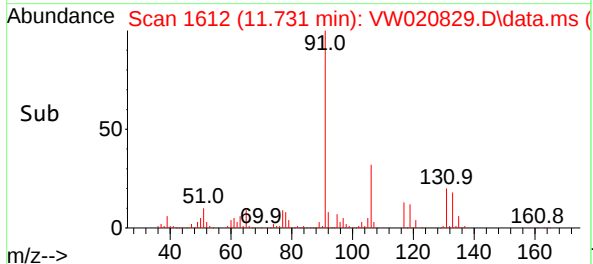
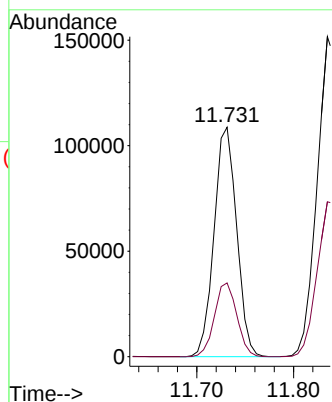
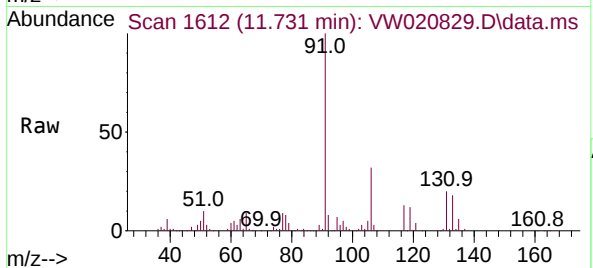
#67
Ethyl Benzene
Concen: 43.710 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 176300
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6

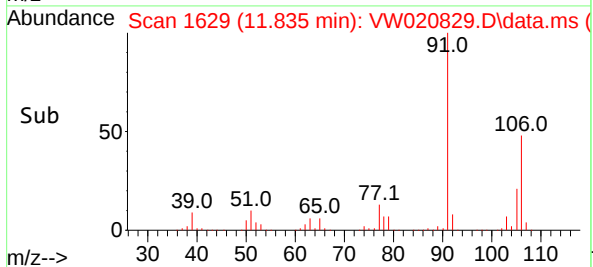
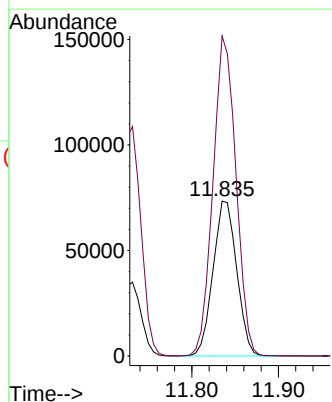
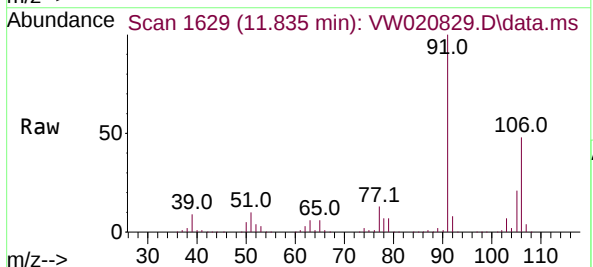
Manual Integrations
APPROVED

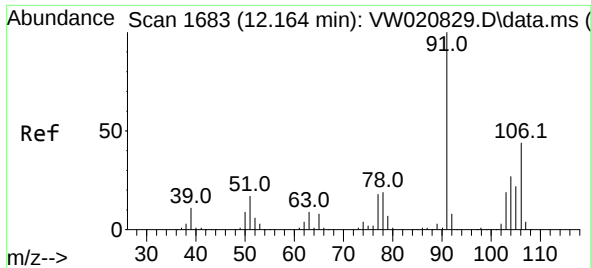
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 89.139 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:106 Resp: 139333
Ion Ratio Lower Upper
106 100
91 200.8 166.4 249.6





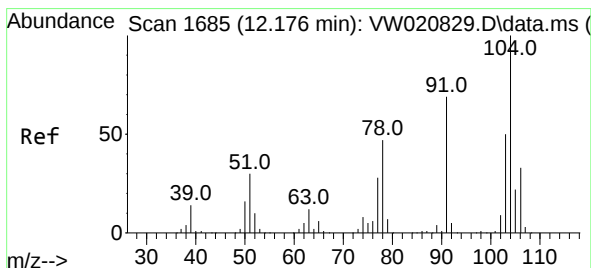
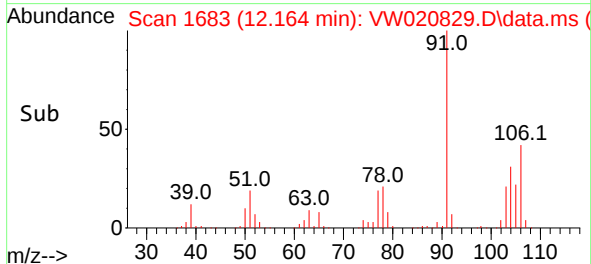
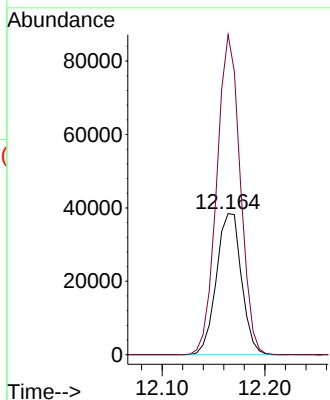
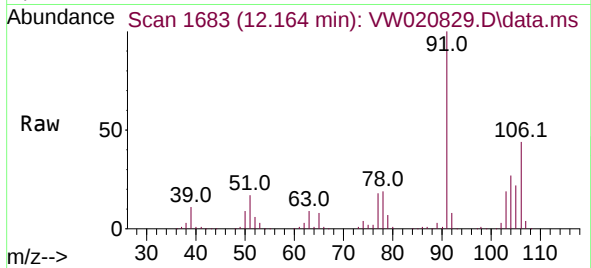
#69
o-Xylene
Concen: 45.217 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 65090
Ion Ratio Lower Upper
106 100
91 212.4 110.9 332.6

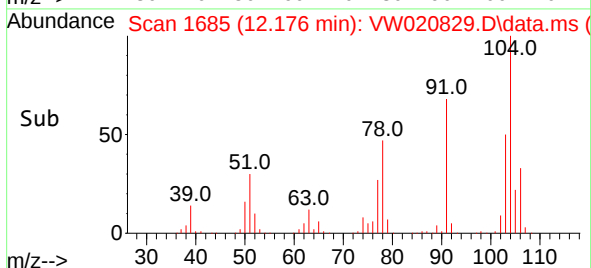
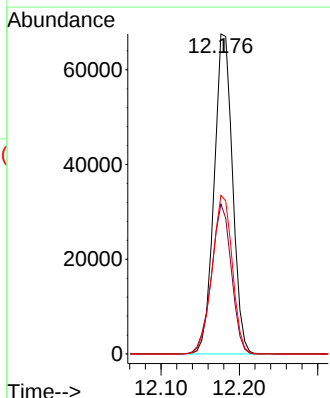
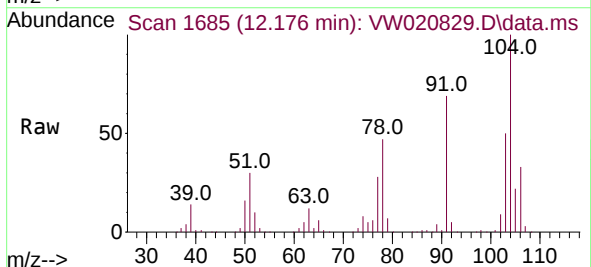
Manual Integrations
APPROVED

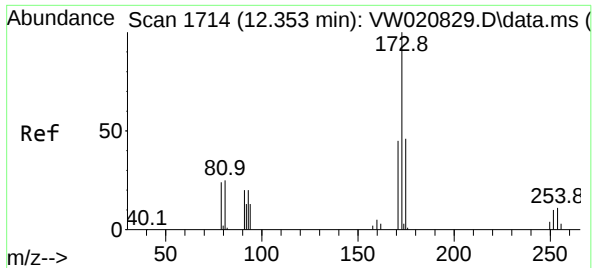
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 44.380 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:104 Resp: 110579
Ion Ratio Lower Upper
104 100
78 50.4 41.4 62.0
103 54.3 43.3 64.9





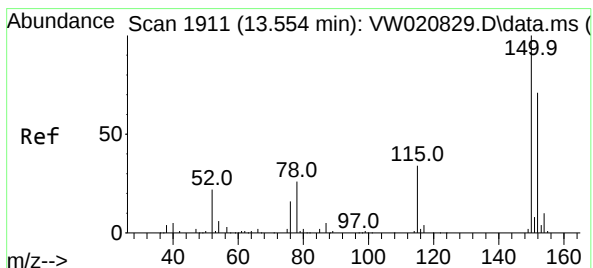
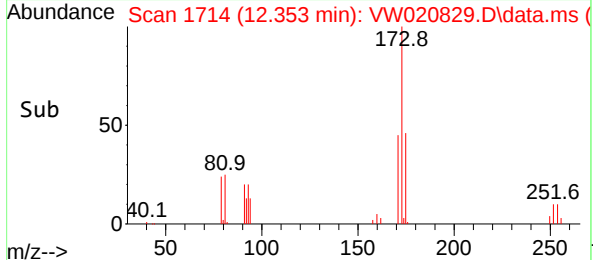
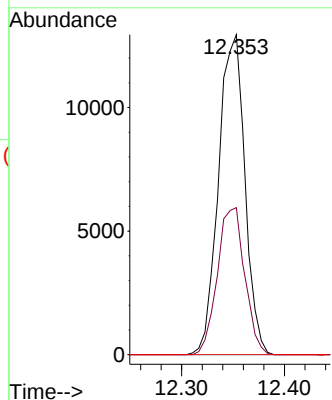
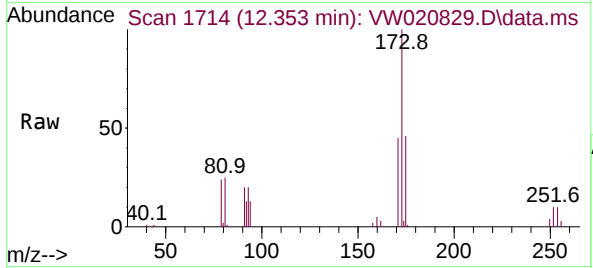
#71
Bromoform
Concen: 49.548 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 2303
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.8
254 0.0 0.0 0.0

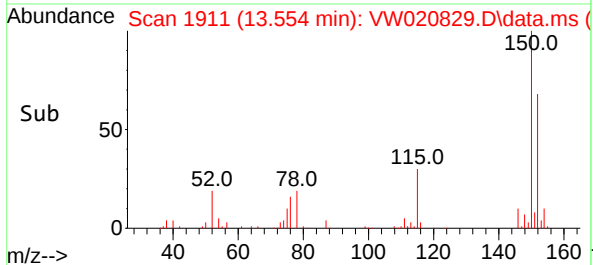
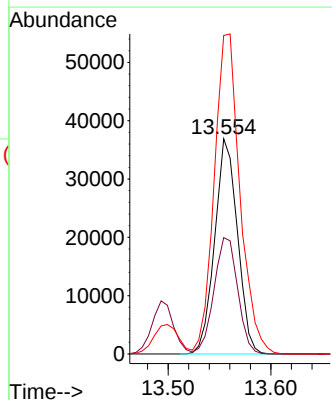
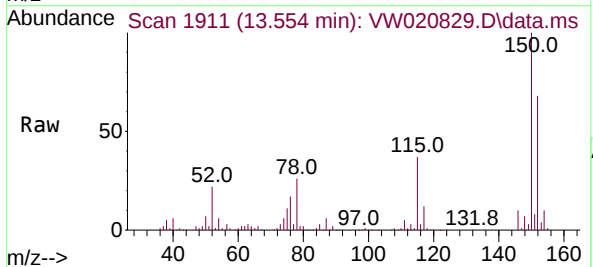
Manual Integrations
APPROVED

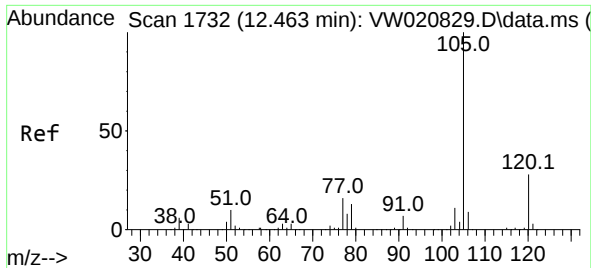
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:152 Resp: 56722
Ion Ratio Lower Upper
152 100
115 56.3 29.6 88.9
150 167.8 0.0 352.6





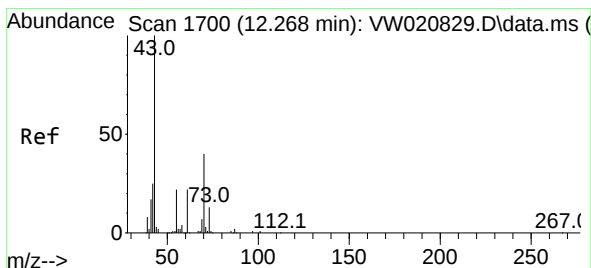
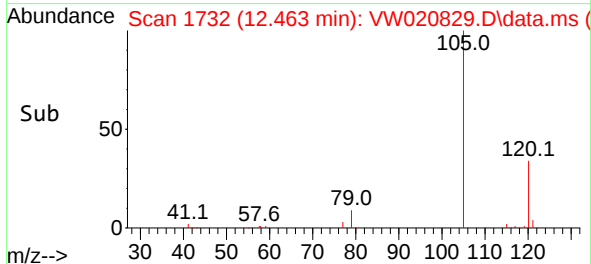
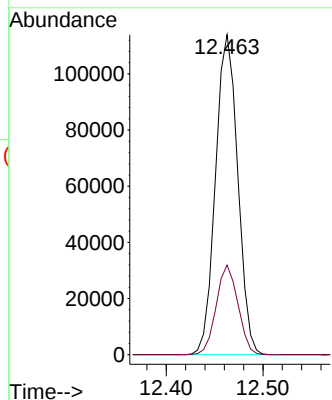
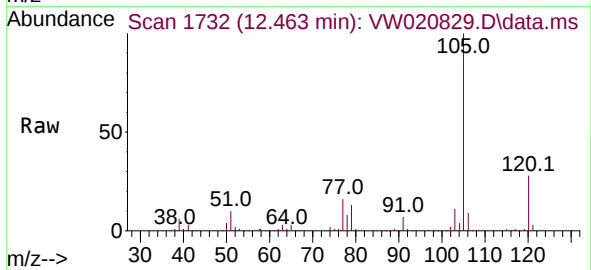
#73
Isopropylbenzene
Concen: 44.067 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 181864
Ion Ratio Lower Upper
105 100
120 27.3 13.0 39.0

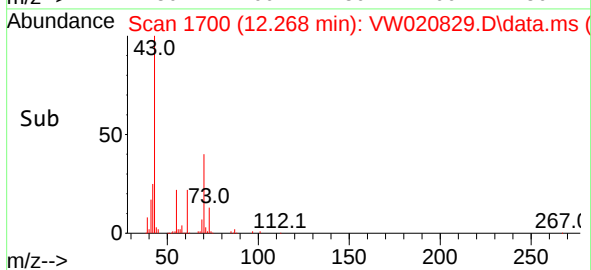
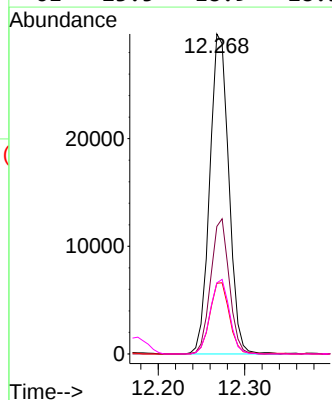
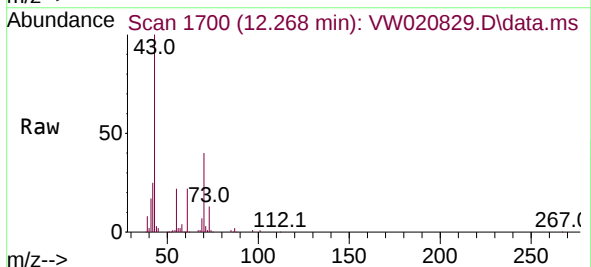
Manual Integrations
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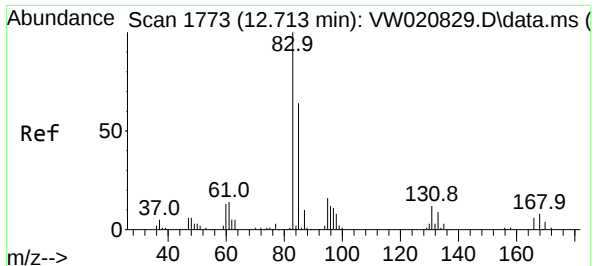
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 45.523 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

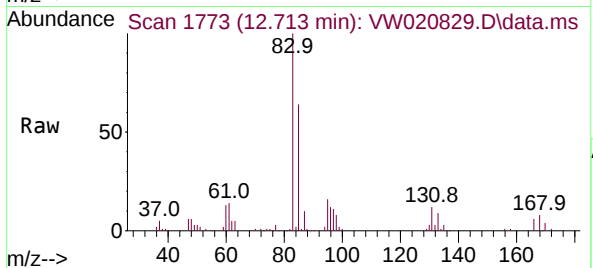
Tgt Ion: 43 Resp: 45431
Ion Ratio Lower Upper
43 100
70 41.1 33.4 50.2
55 22.8 20.1 30.1
61 23.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 44.564 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

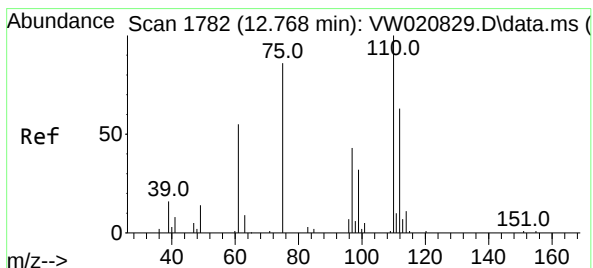
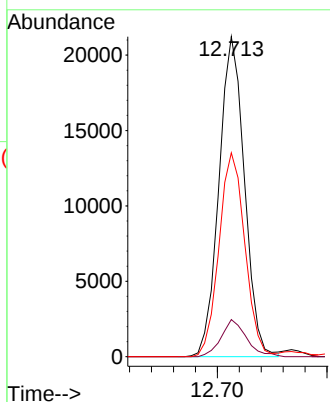
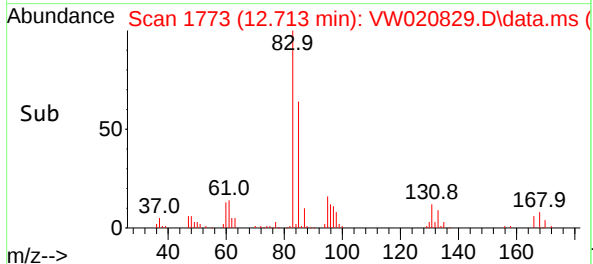
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



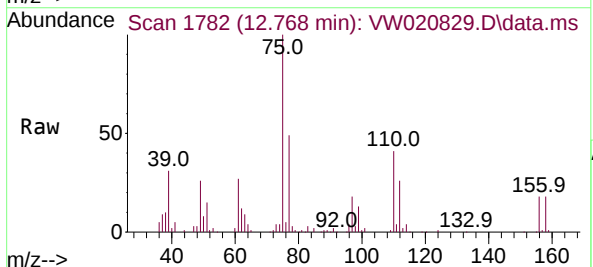
Tgt Ion: 83 Resp: 34308
Ion Ratio Lower Upper
83 100
131 11.5 5.8 17.3
85 64.9 31.8 95.4

Manual Integrations
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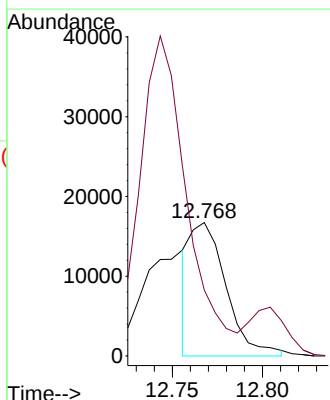
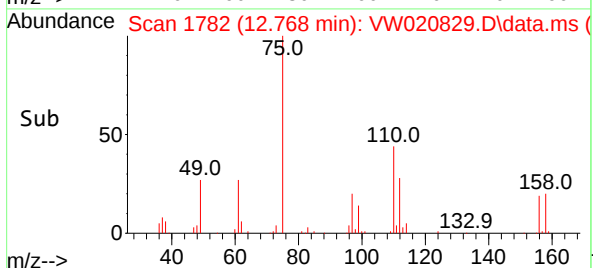
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

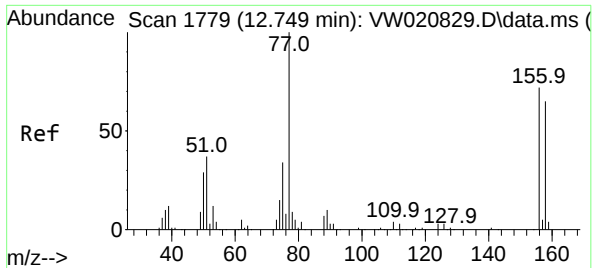


#76
1,2,3-Trichloropropane
Concen: 38.886 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



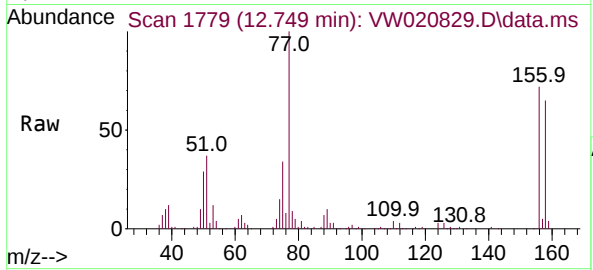
Tgt Ion: 75 Resp: 23319
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 41.349 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

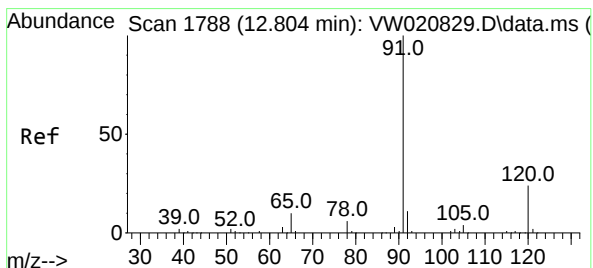
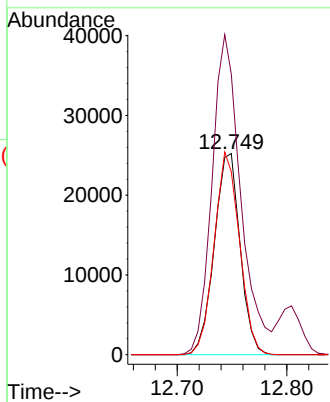
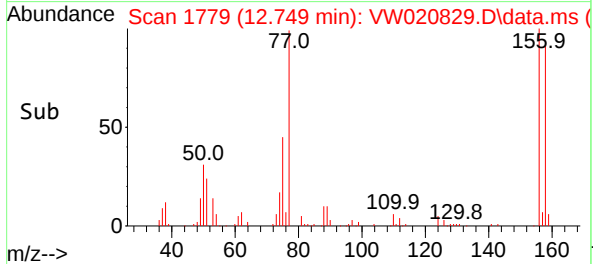
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



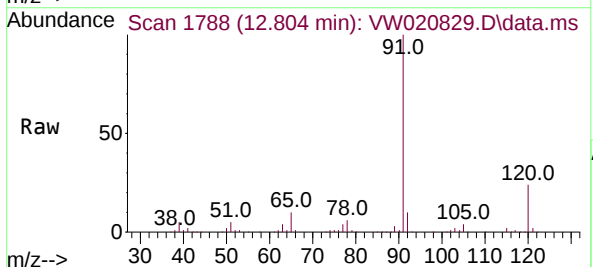
Tgt Ion:156 Resp: 41190
Ion Ratio Lower Upper
156 100
77 177.9 91.8 275.6
158 99.2 47.9 143.8

Manual Integrations
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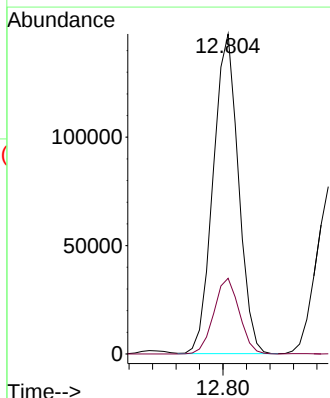
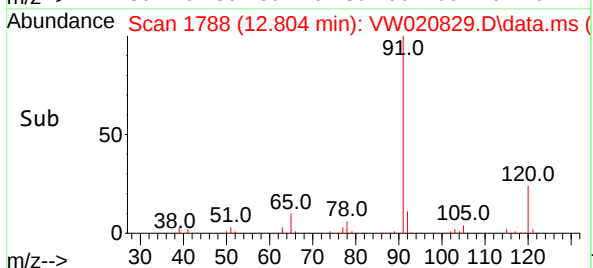
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

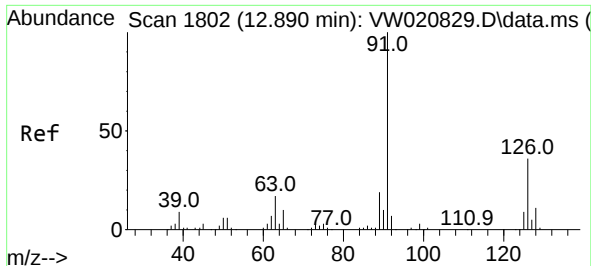


#78
n-propylbenzene
Concen: 43.292 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



Tgt Ion: 91 Resp: 220339
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 41.437 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 12115

Ion Ratio Lower Upper

91 100

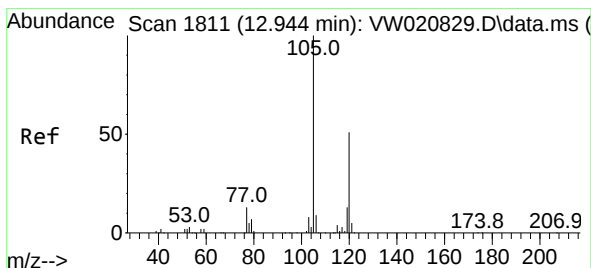
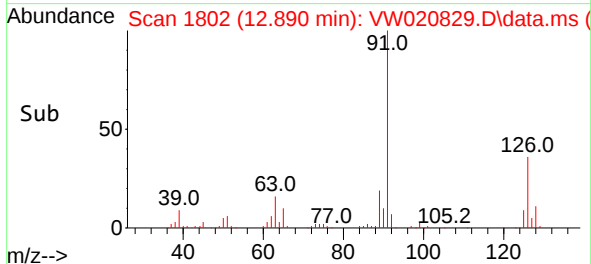
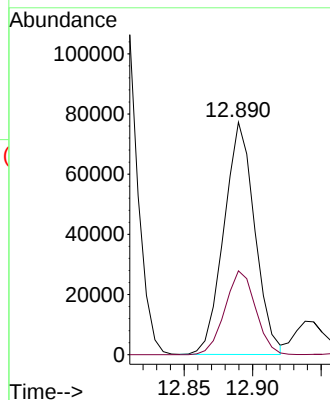
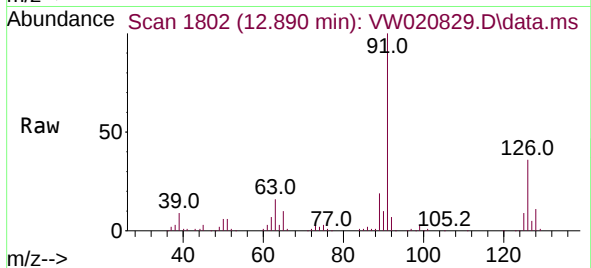
126 35.8 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 42.646 ug/l

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW020829.D

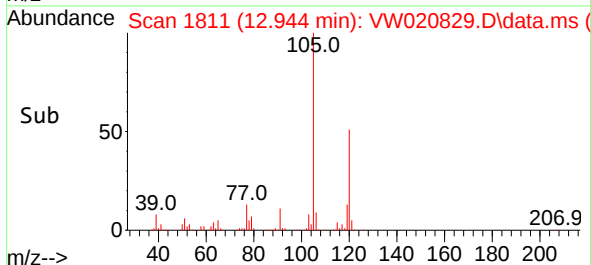
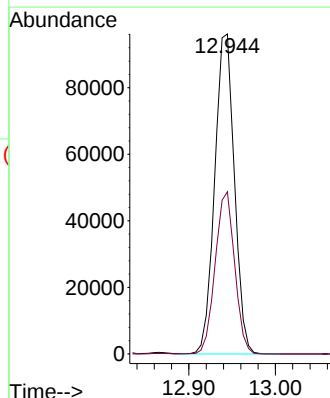
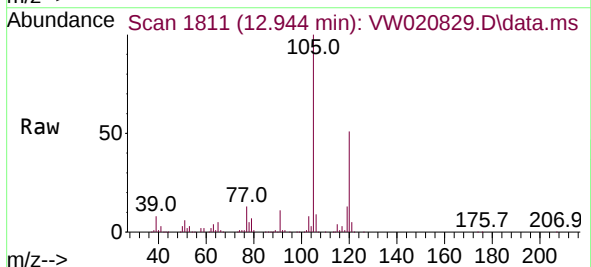
Acq: 10 Nov 2021 12:02

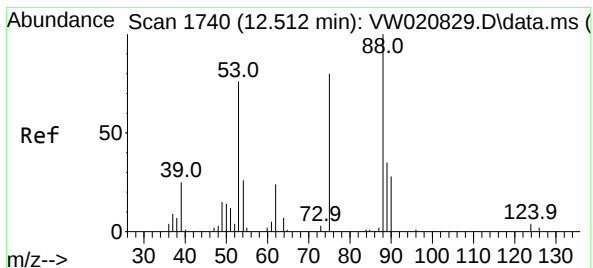
Tgt Ion:105 Resp: 151905

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.9





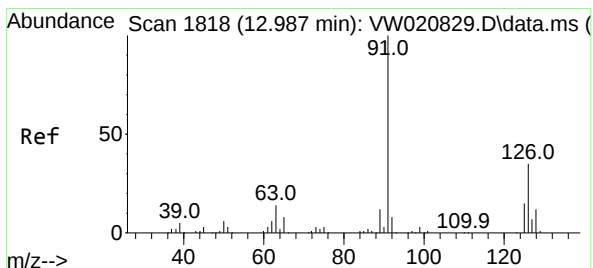
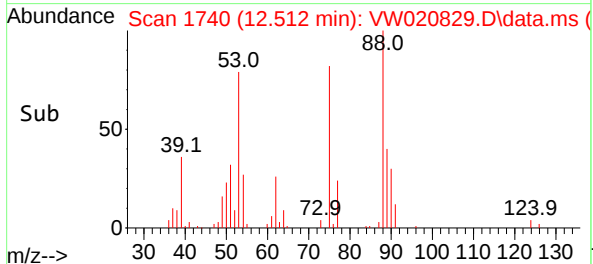
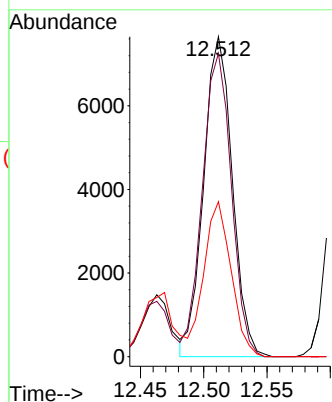
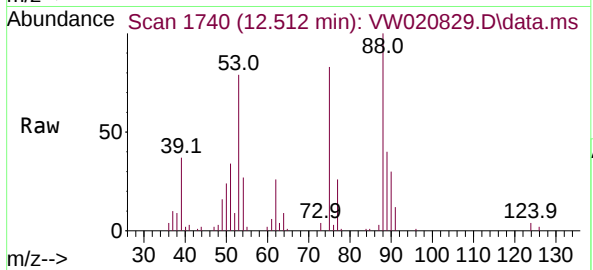
#81
trans-1,4-Dichloro-2-butene
Concen: 48.750 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 1207
Ion Ratio Lower Upper
75 100
53 95.7 83.7 125.5
89 45.8 36.7 55.1

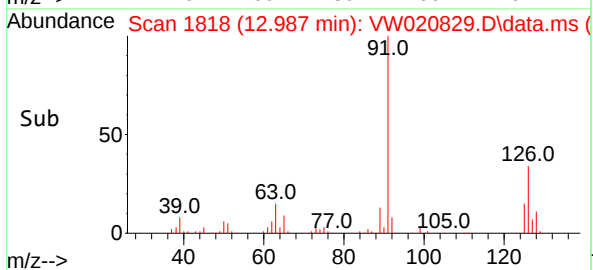
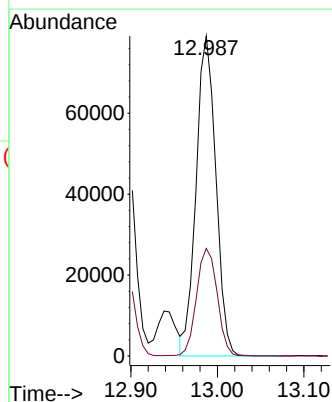
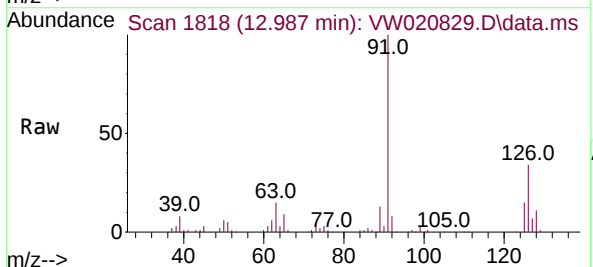
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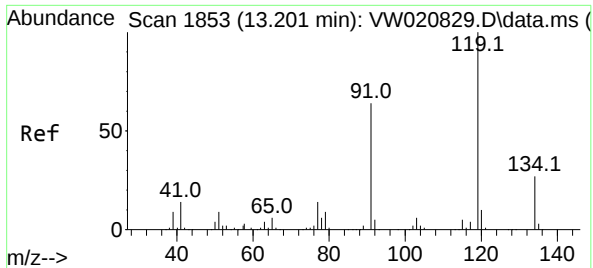
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 40.761 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion: 91 Resp: 125383
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.4





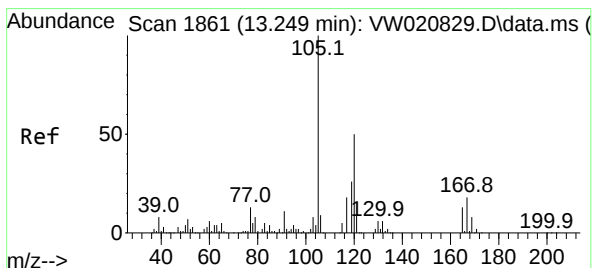
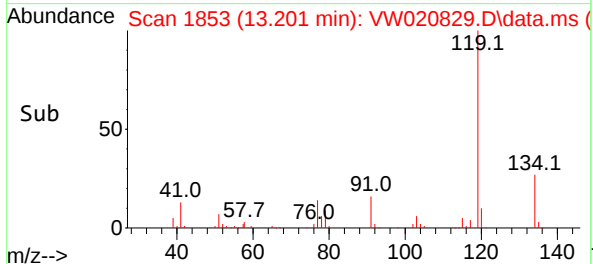
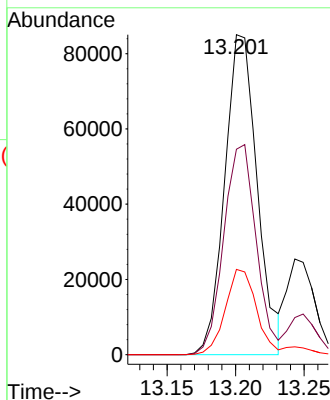
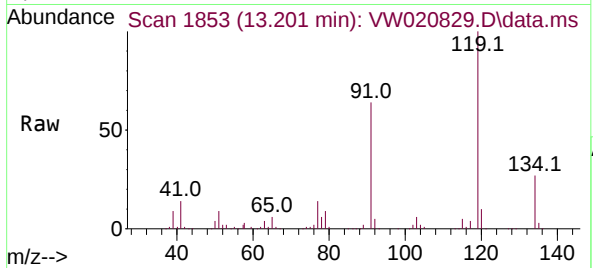
#83
tert-Butylbenzene
Concen: 45.342 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 140412
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.7
134 25.9 12.4 37.2

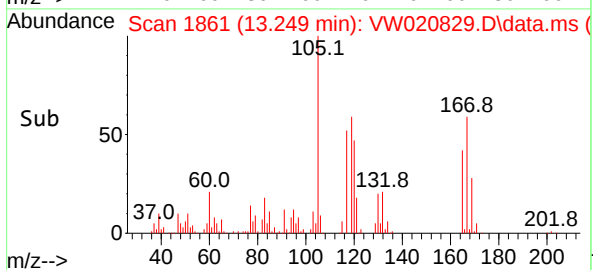
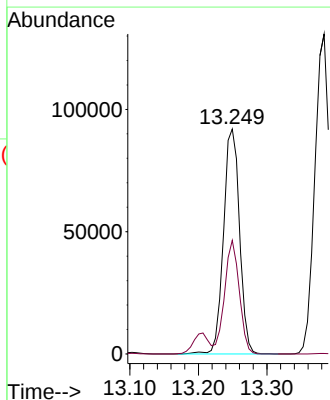
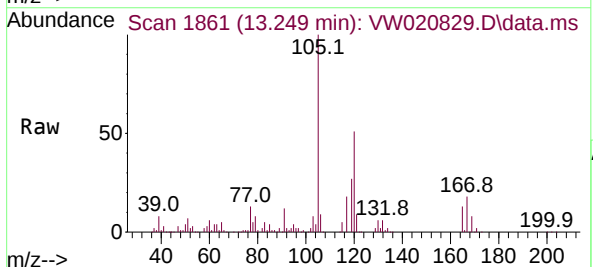
Manual Integrations
APPROVED

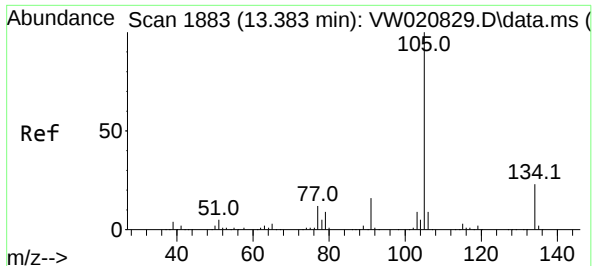
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 42.222 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:105 Resp: 148780
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.7





#85

sec-Butylbenzene

Concen: 43.997 ug/l

RT: 13.383 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 20169

Ion Ratio Lower Upper

105 100

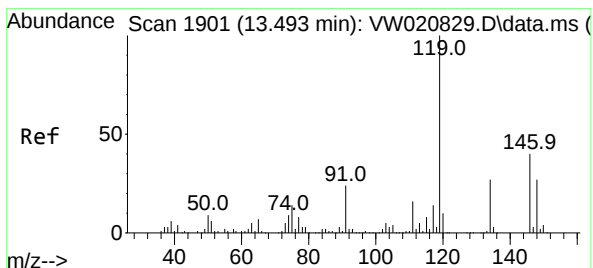
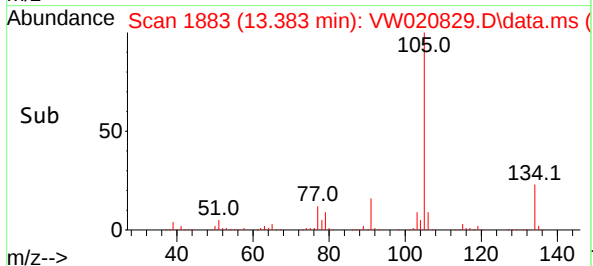
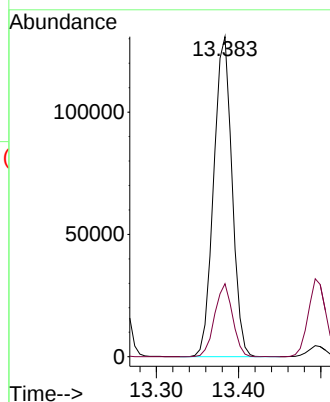
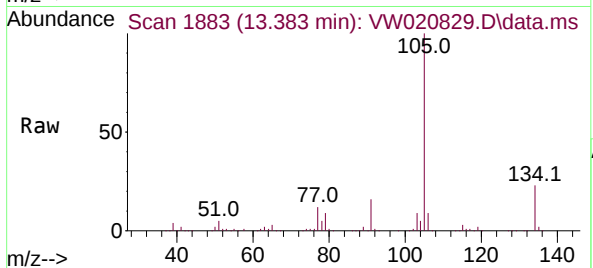
134 22.3 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#86

p-Isopropyltoluene

Concen: 44.496 ug/l

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

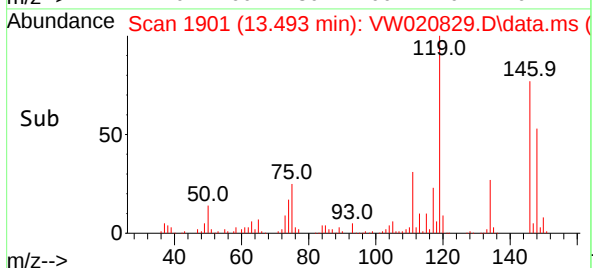
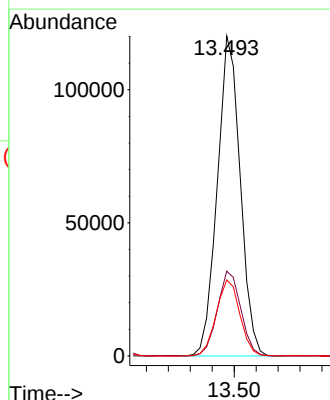
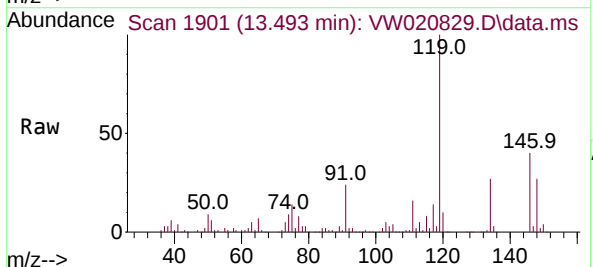
Tgt Ion:119 Resp: 174650

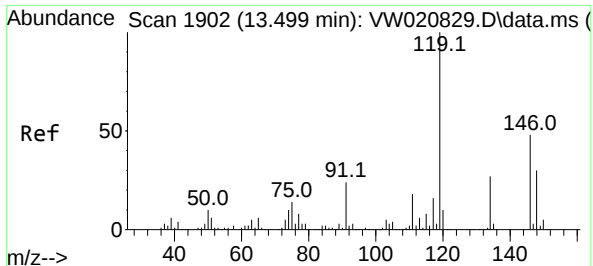
Ion Ratio Lower Upper

119 100

134 27.1 13.0 38.9

91 24.5 12.0 36.0





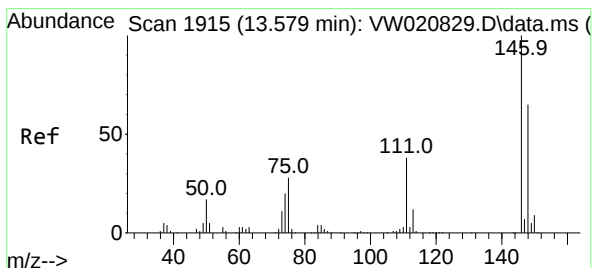
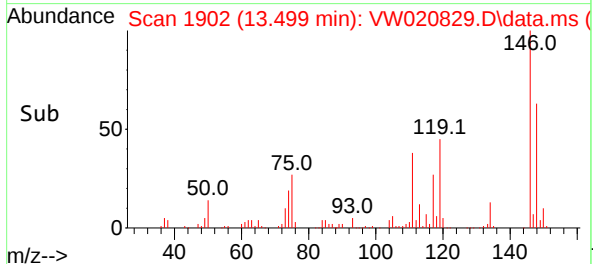
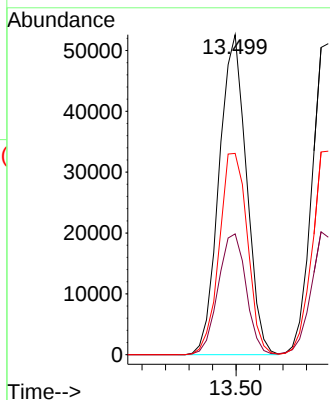
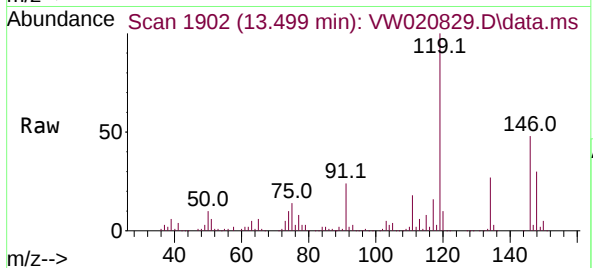
#87
1,3-Dichlorobenzene
Concen: 42.154 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 85170
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 64.7 30.8 92.3

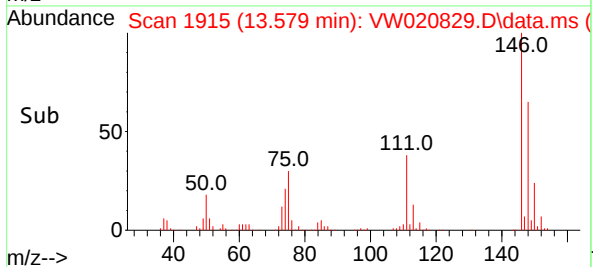
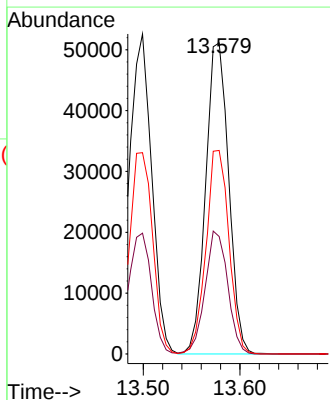
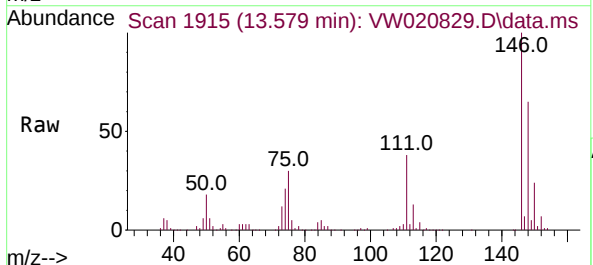
Manual Integrations
APPROVED

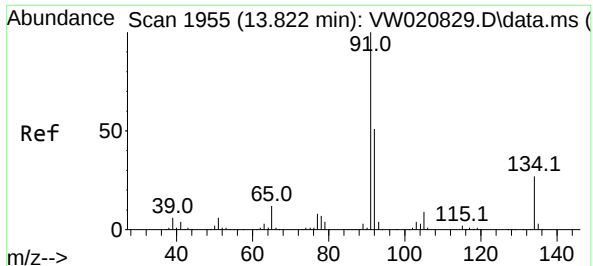
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 42.538 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

Tgt Ion:146 Resp: 84740
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.4
148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 44.977 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

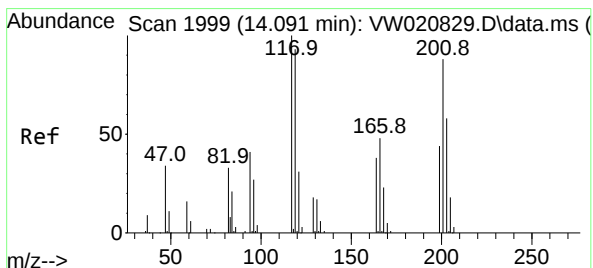
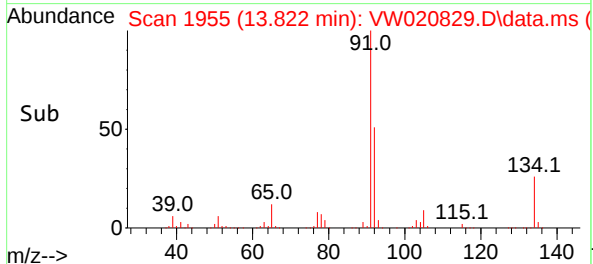
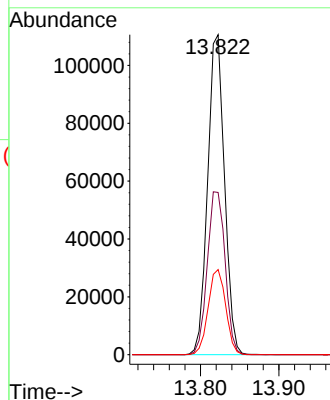
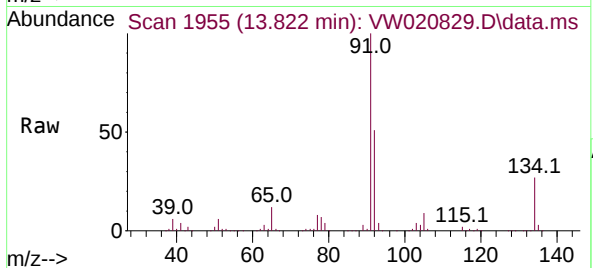
Tgt Ion: 91 Resp: 165044

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	27.7	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 46.973 ug/l

RT: 14.091 min Scan# 1999

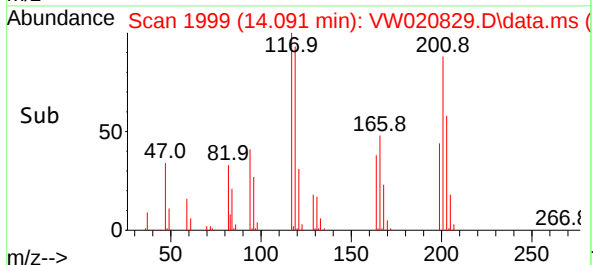
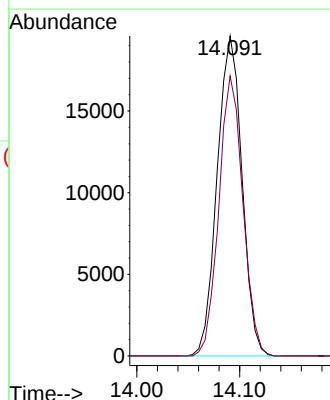
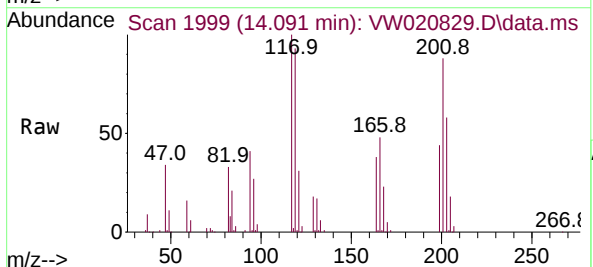
Delta R.T. 0.000 min

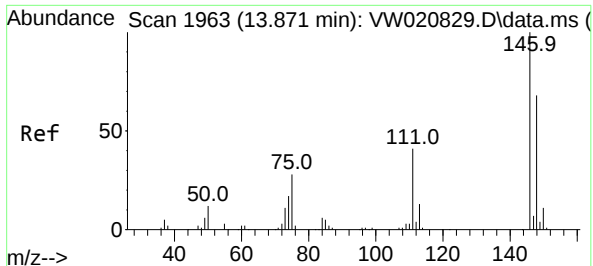
Lab File: VW020829.D

Acq: 10 Nov 2021 12:02

Tgt Ion:117 Resp: 32931

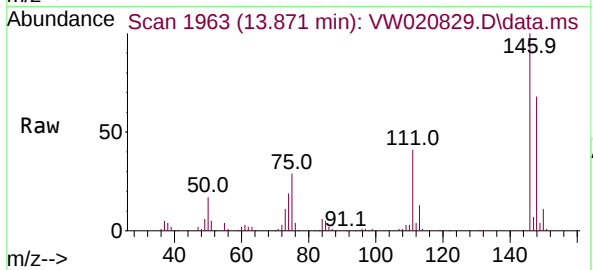
Ion	Ratio	Lower	Upper
117	100		
201	84.4	42.4	127.3





#91
1,2-Dichlorobenzene
Concen: 40.032 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

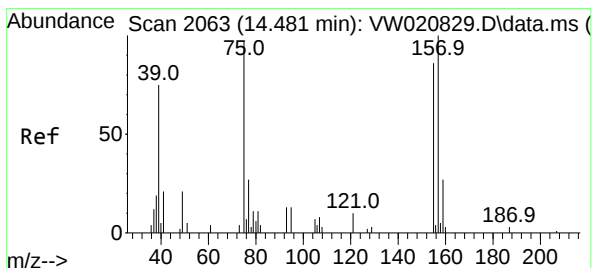
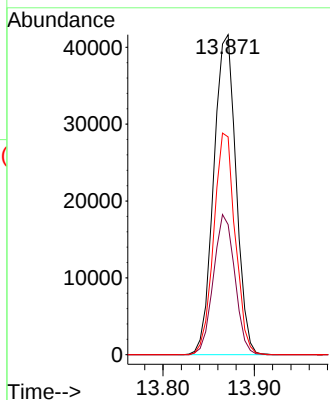
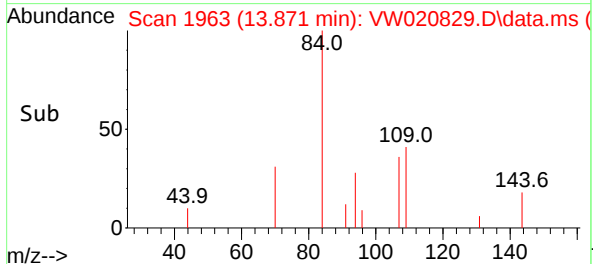
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



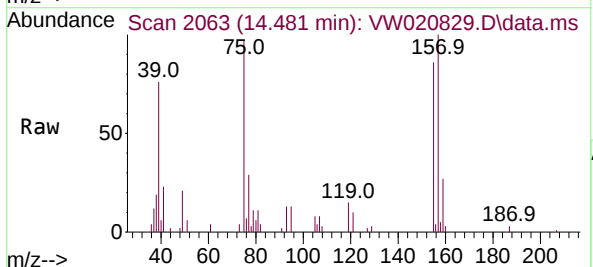
Tgt Ion:146 Resp: 70694
Ion Ratio Lower Upper
146 100
111 42.1 20.4 61.3
148 66.6 32.0 96.2

Manual Integrations
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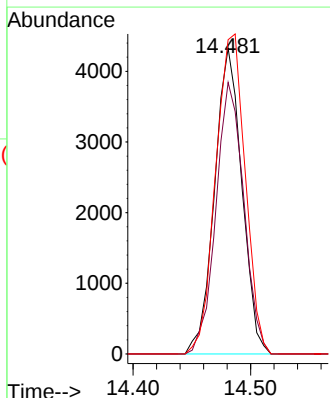
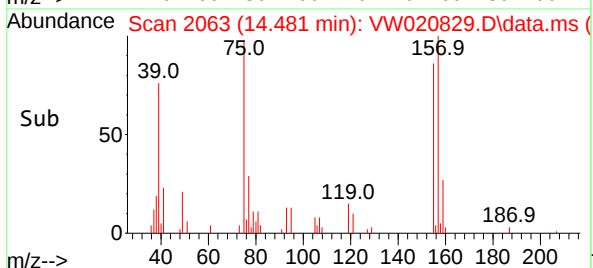
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

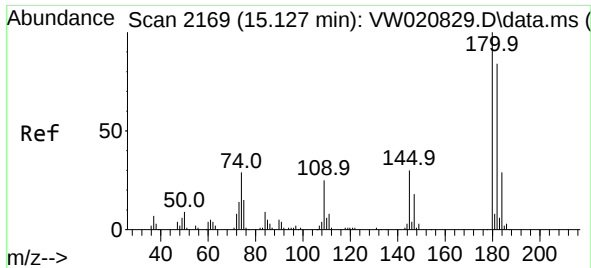


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.895 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



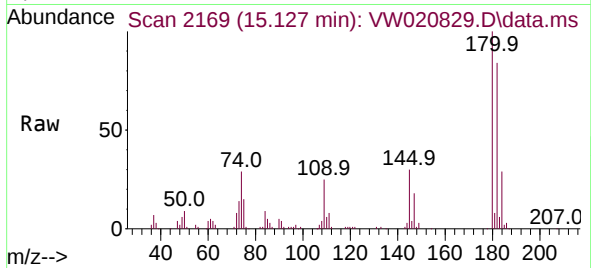
Tgt Ion: 75 Resp: 6991
Ion Ratio Lower Upper
75 100
155 90.3 42.5 127.6
157 113.1 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 42.058 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

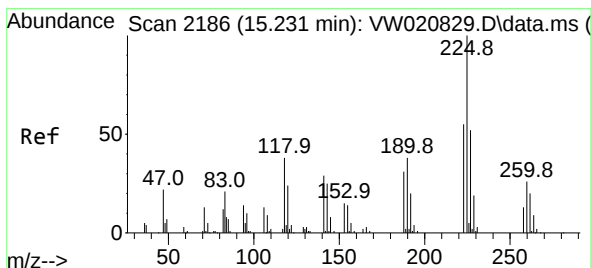
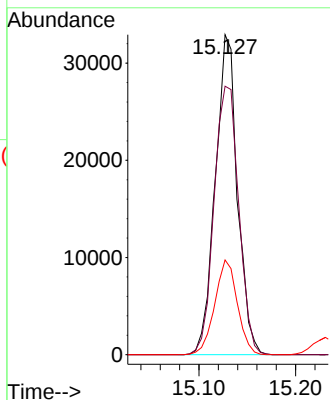
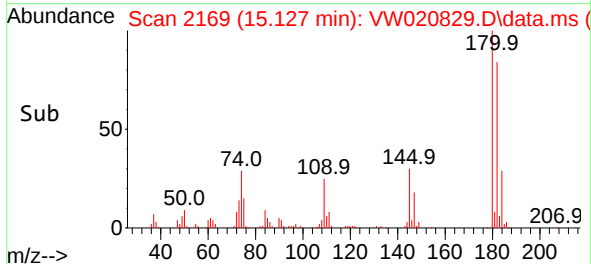
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



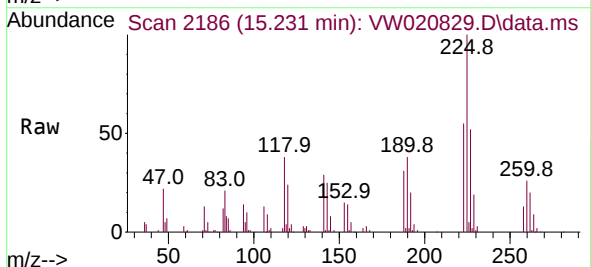
Tgt Ion:180 Resp: 5235
Ion Ratio Lower Upper
180 100
182 93.3 49.4 148.2
145 30.2 15.2 45.6

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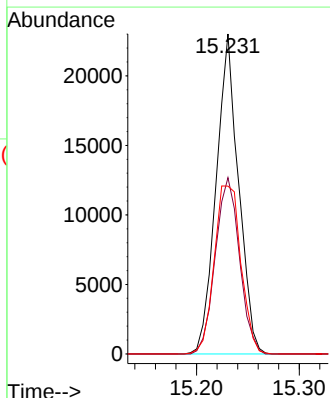
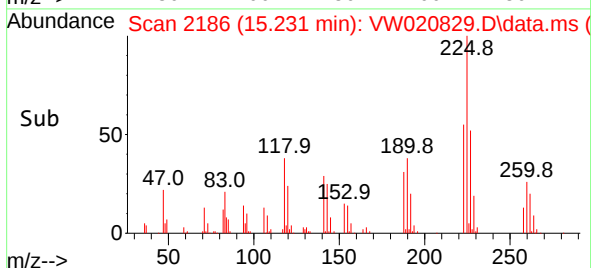
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

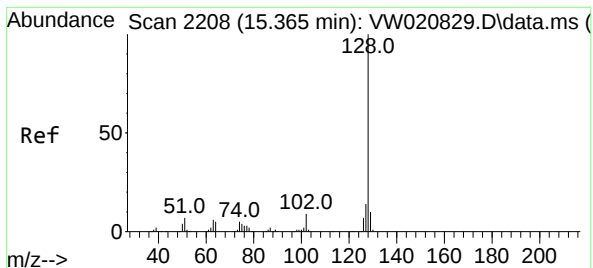


#94
Hexachlorobutadiene
Concen: 44.174 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



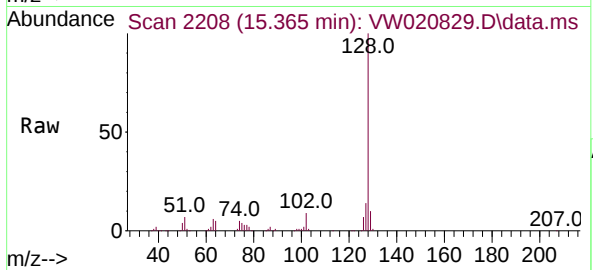
Tgt Ion:225 Resp: 34820
Ion Ratio Lower Upper
225 100
223 59.3 29.8 89.5
227 62.8 32.8 98.4





#95
Naphthalene
Concen: 51.498 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02

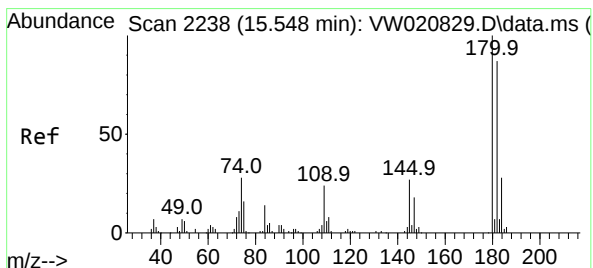
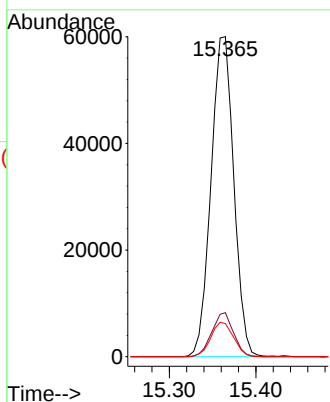
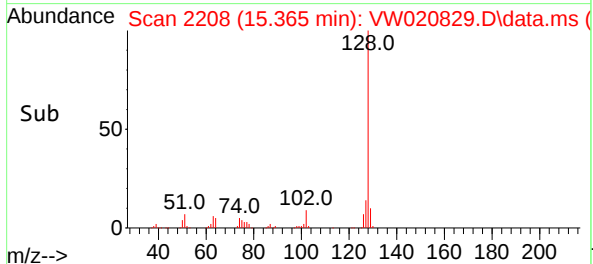
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



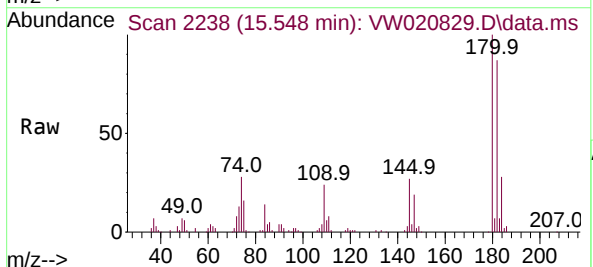
Tgt Ion:128 Resp: 109770
Ion Ratio Lower Upper
128 100
127 13.1 11.1 16.7
129 10.8 8.9 13.3

Manual Integrations
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Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 42.942 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW020829.D
Acq: 10 Nov 2021 12:02



Tgt Ion:180 Resp: 46281
Ion Ratio Lower Upper
180 100
182 98.5 46.4 139.2
145 31.8 15.7 47.0

