

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020828.D
 Acq On : 10 Nov 2021 11:38
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 01:38:47 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	7.946	168	87320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	124238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	111503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	59587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	13553	13.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	27.400%#		
35) Dibromofluoromethane	7.885	113	13432	15.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	31.680%#		
50) Toluene-d8	10.323	98	50404	15.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	31.260%#		
62) 4-Bromofluorobenzene	12.615	95	18568	15.582	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	31.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	3043	11.877	ug/l	98
3) Chloromethane	2.215	50	9022	14.757	ug/l	99
4) Vinyl Chloride	2.355	62	13813	17.901	ug/l	98
5) Bromomethane	2.757	94	9380	20.048	ug/l	99
6) Chloroethane	2.910	64	5693	17.791	ug/l	96
7) Trichlorofluoromethane	3.251	101	6810	15.722	ug/l	96
8) Diethyl Ether	3.684	74	5287	12.372	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	12082	13.769	ug/l	97
10) Methyl Iodide	4.269	142	17233	16.312	ug/l	99
11) Tert butyl alcohol	5.172	59	4414	78.425	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	11923	14.471	ug/l	95
13) Acrolein	3.891	56	2301	84.817	ug/l	91
14) Allyl chloride	4.666	41	17266	13.377	ug/l	94
15) Acrylonitrile	5.367	53	14340	67.225	ug/l	98
16) Acetone	4.123	43	13227	56.534	ug/l	94
17) Carbon Disulfide	4.379	76	32229	13.832	ug/l	99
18) Methyl Acetate	4.672	43	10797	14.729	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	16797	12.412	ug/l	93
20) Methylene Chloride	4.909	84	13793	12.922	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	12526	13.752	ug/l	93
22) Diisopropyl ether	6.312	45	32488	12.288	ug/l	98
23) Vinyl Acetate	6.257	43	98092	64.952	ug/l	98
24) 1,1-Dichloroethane	6.214	63	21569	12.733	ug/l	95
25) 2-Butanone	7.171	43	19434	66.408	ug/l	98
26) 2,2-Dichloropropane	7.165	77	14537	13.468	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	13880	13.762	ug/l	94
28) Bromochloromethane	7.513	49	10577	14.900	ug/l #	94
29) Tetrahydrofuran	7.531	42	13016	72.514	ug/l	99
30) Chloroform	7.677	83	22145	12.588	ug/l	98
31) Cyclohexane	7.952	56	23085	13.950	ug/l	96
32) 1,1,1-Trichloroethane	7.866	97	19968	13.836	ug/l	97
36) 1,1-Dichloropropene	8.080	75	18460	13.996	ug/l	97
37) Ethyl Acetate	7.251	43	8232	13.532	ug/l	98
38) Carbon Tetrachloride	8.067	117	19072	14.635	ug/l	90
39) Methylcyclohexane	9.336	83	24075	15.405	ug/l	95
40) Benzene	8.324	78	50515	13.541	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4670	13.411	ug/l #	85
42) 1,2-Dichloroethane	8.403	62	14592	12.649	ug/l	98
43) Isopropyl Acetate	8.427	43	16372	14.296	ug/l	99
44) Trichloroethene	9.092	130	14986	15.067	ug/l	92
45) 1,2-Dichloropropane	9.366	63	11440	12.898	ug/l	96
46) Dibromomethane	9.457	93	6909	13.941	ug/l	99
47) Bromodichloromethane	9.646	83	16402	13.232	ug/l	98
48) Methyl methacrylate	9.433	41	8047	14.837	ug/l	98
49) 1,4-Dioxane	9.451	88	2071	321.209	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	42815	70.630	ug/l	100
52) Toluene	10.384	92	32621	14.059	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	16797	13.501	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	18975	13.379	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	9289	13.564	ug/l	95
56) Ethyl methacrylate	10.646	69	12189	13.933	ug/l	98
57) 1,3-Dichloropropane	10.933	76	15680	13.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	40104	96.573	ug/l	95
59) 2-Hexanone	10.969	43	30905	71.271	ug/l	99
60) Dibromochloromethane	11.128	129	12170	14.764	ug/l	96
61) 1,2-Dibromoethane	11.232	107	9332	14.121	ug/l	95
64) Tetrachloroethene	10.866	164	13088	15.320	ug/l	88
65) Chlorobenzene	11.658	112	34980	14.298	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	12596	14.309	ug/l	98
67) Ethyl Benzene	11.731	91	62947	14.322	ug/l	98
68) m/p-Xylenes	11.841	106	50577	29.694	ug/l	94
69) o-Xylene	12.164	106	23766	15.150	ug/l	88
70) Styrene	12.183	104	38592	14.214	ug/l	98
71) Bromoform	12.353	173	7785	15.369	ug/l #	100
73) Isopropylbenzene	12.463	105	65160	15.030	ug/l	97
74) N-amyl acetate	12.268	43	15246	14.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	11226	13.881	ug/l	96
76) 1,2,3-Trichloropropane	12.762	75	9125m	14.485	ug/l	
77) Bromobenzene	12.743	156	15266	14.586	ug/l	93
78) n-propylbenzene	12.804	91	79188	14.811	ug/l	98
79) 2-Chlorotoluene	12.890	91	43108	14.034	ug/l	94
80) 1,3,5-Trimethylbenzene	12.939	105	54831	14.653	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3843	14.767	ug/l	97
82) 4-Chlorotoluene	12.987	91	45652	14.128	ug/l	97
83) tert-Butylbenzene	13.201	119	51020	15.683	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	53747	14.519	ug/l	98
85) sec-Butylbenzene	13.377	105	73772	15.318	ug/l	95
86) p-Isopropyltoluene	13.493	119	63062	15.294	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	31825	14.994	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	31886	15.237	ug/l	99
89) n-Butylbenzene	13.823	91	57349	14.877	ug/l	97
90) Hexachloroethane	14.091	117	11927	16.195	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	26875	14.487	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2280	15.490	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	20305	15.528	ug/l	97
94) Hexachlorobutadiene	15.231	225	13321	16.087	ug/l	98
95) Naphthalene	15.359	128	38195	17.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	17127	15.127	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Nov 11 01:36:54 2021
Response via : Initial Calibration

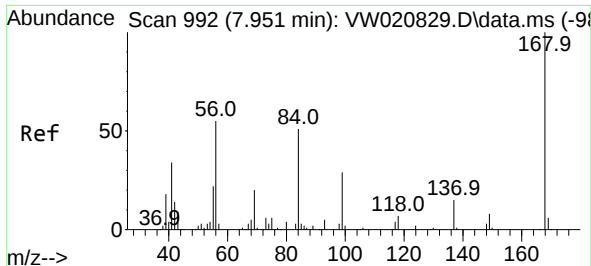
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

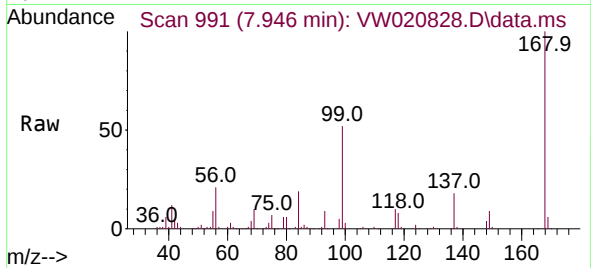
Quant Time: Nov 11 01:38:47 2021
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 99
Delta R.T. -0.005 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

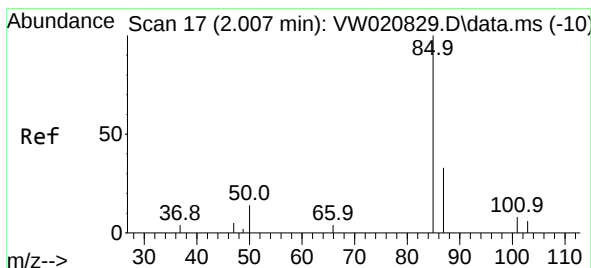
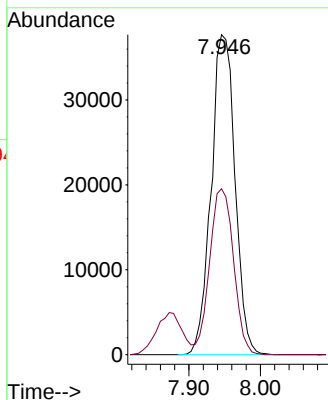
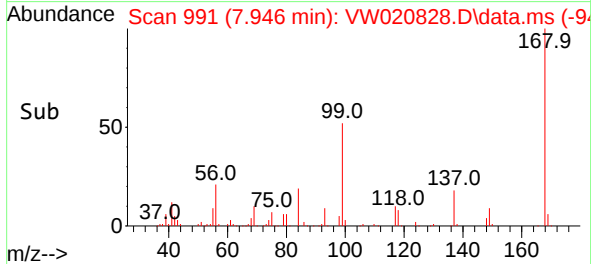
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 87320
Ion Ratio Lower Upper
168 100
99 51.8 45.4 68.0

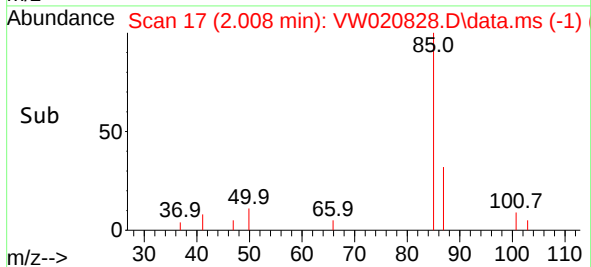
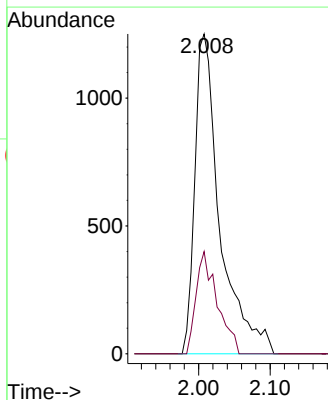
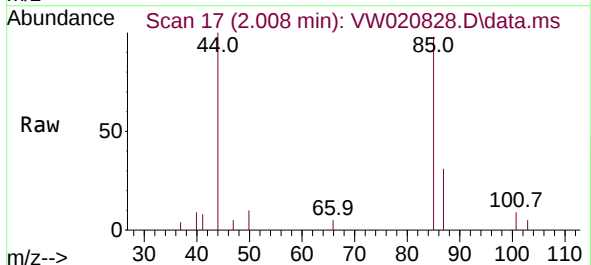
Manual Integrations
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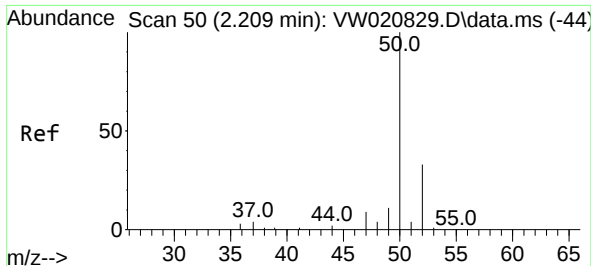
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 11.877 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

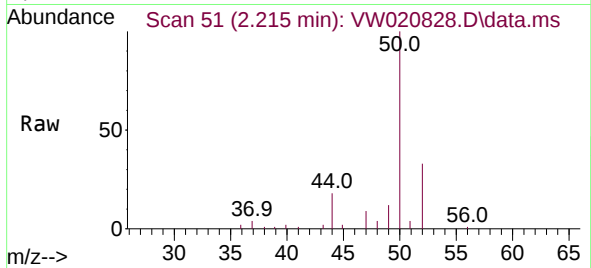
Tgt Ion: 85 Resp: 3043
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0





#3
Chloromethane
Concen: 14.757 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

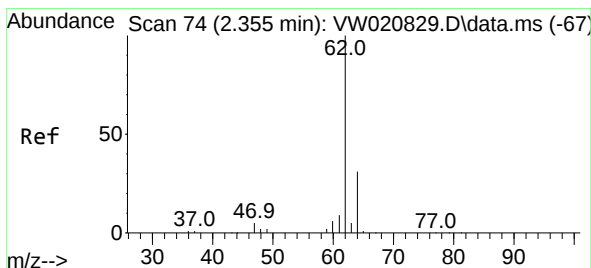
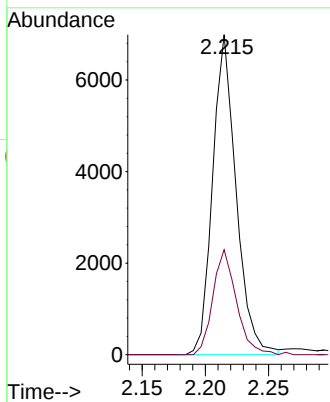
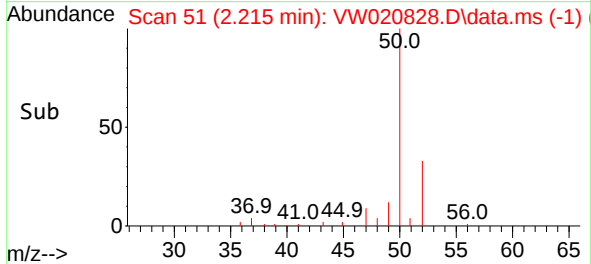
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

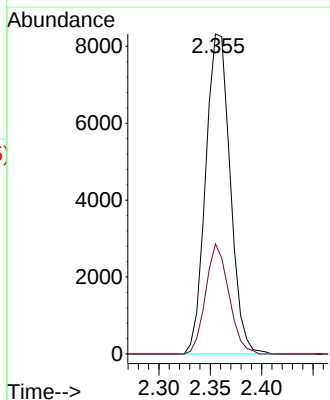
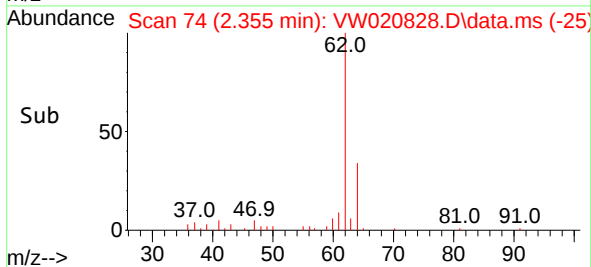
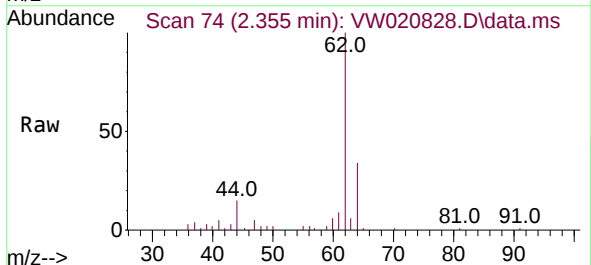
Manual Integrations
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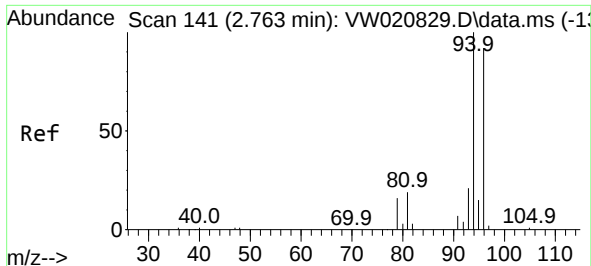
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 17.901 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

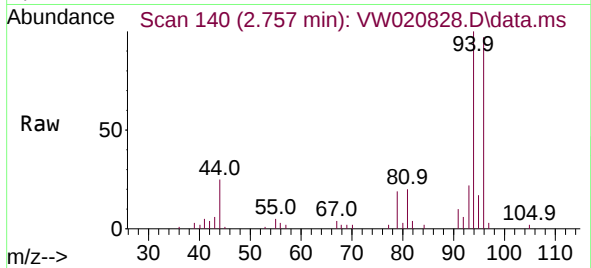
Tgt Ion: 62 Resp: 13813
Ion Ratio Lower Upper
62 100
64 34.4 26.6 40.0





#5
Bromomethane
Concen: 20.048 ug/l
RT: 2.757 min Scan# 141
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

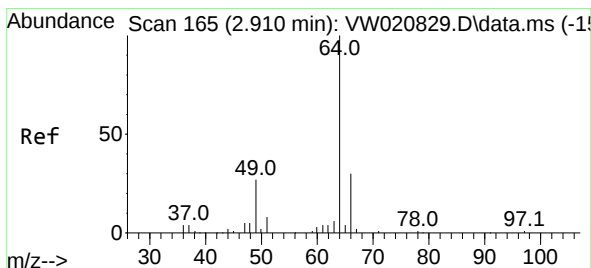
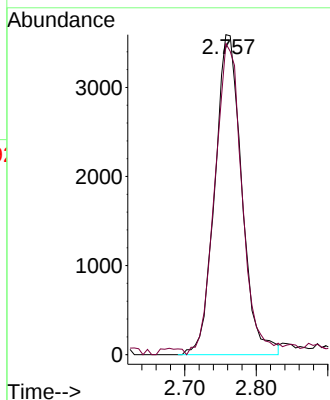
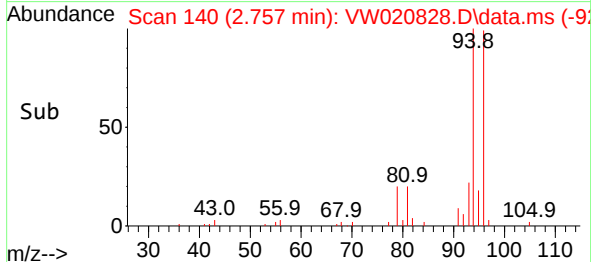
Instrument :
MSVOA_W
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Tgt Ion: 94 Resp: 9380
Ion Ratio Lower Upper
94 100
96 95.4 76.7 115.1

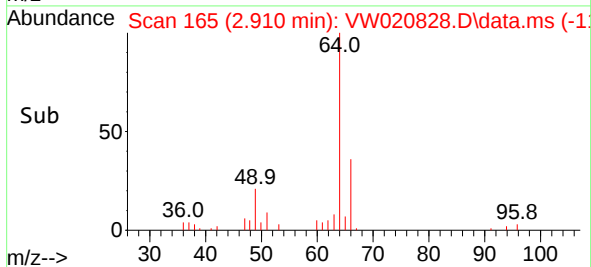
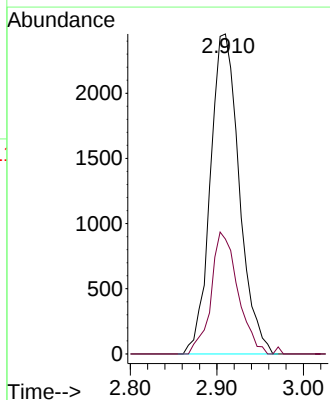
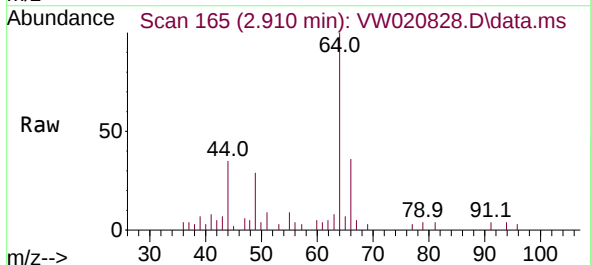
Manual Integrations
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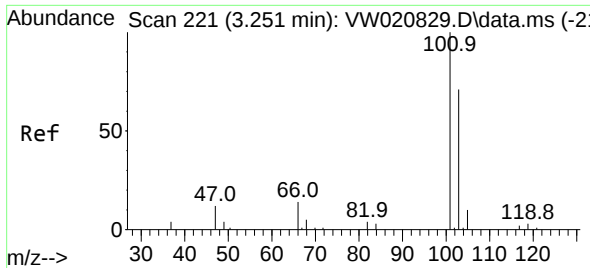
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#6
Chloroethane
Concen: 17.791 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

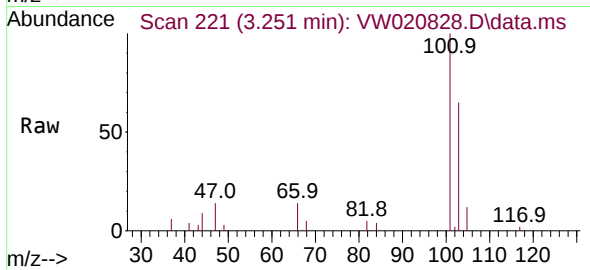
Tgt Ion: 64 Resp: 5693
Ion Ratio Lower Upper
64 100
66 35.9 27.0 40.4





#7
 Trichlorofluoromethane
 Concen: 15.722 ug/l
 RT: 3.251 min Scan# 221
 Delta R.T. 0.000 min
 Lab File: VW020828.D
 Acq: 10 Nov 2021 11:38

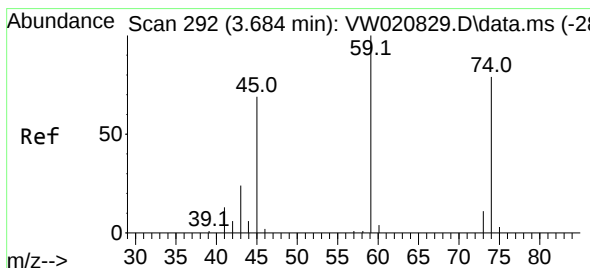
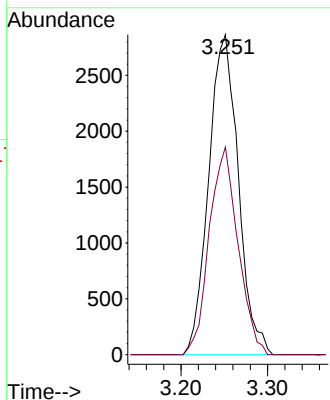
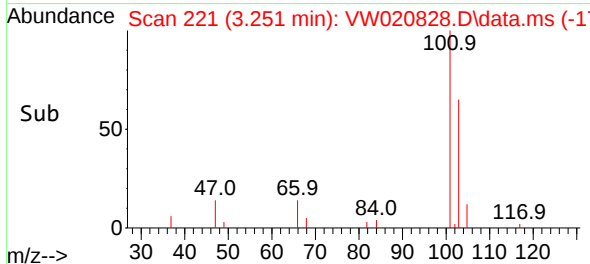
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020



Tgt Ion:101 Resp: 6810
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.4 74.0

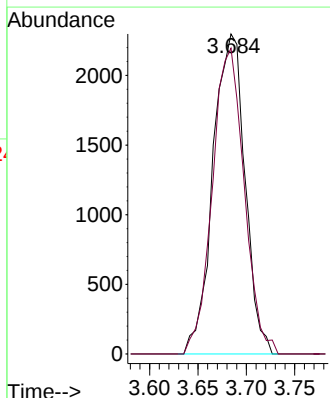
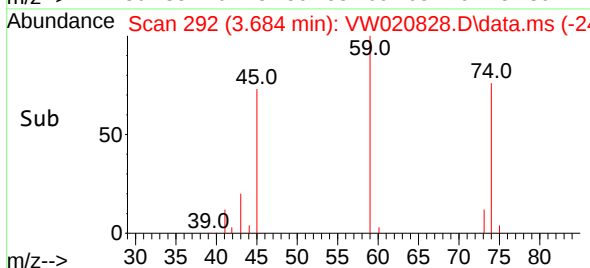
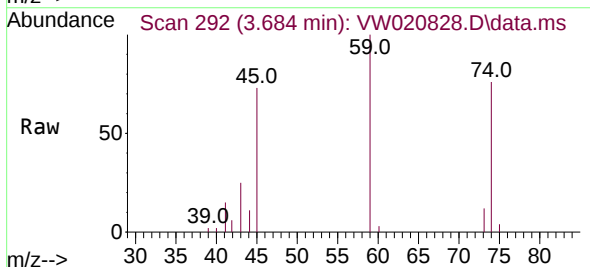
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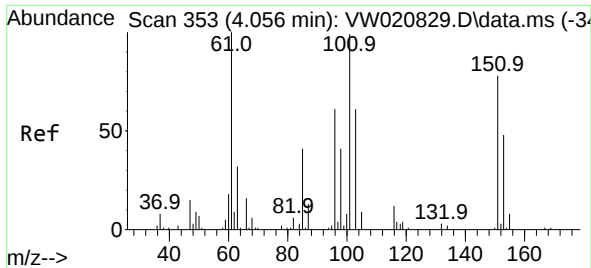
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#8
 Diethyl Ether
 Concen: 12.372 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW020828.D
 Acq: 10 Nov 2021 11:38

Tgt Ion: 74 Resp: 5287
 Ion Ratio Lower Upper
 74 100
 45 95.1 50.0 150.1





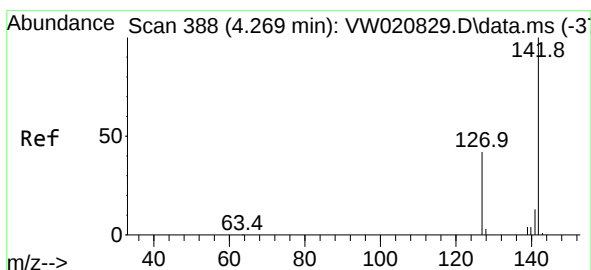
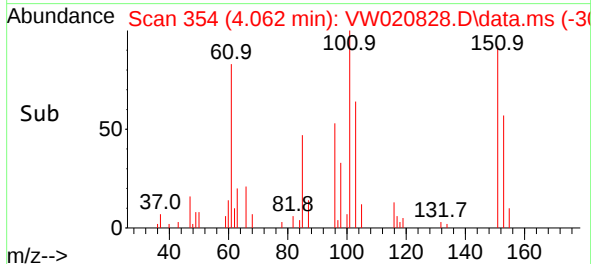
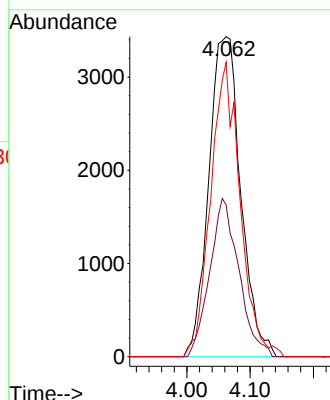
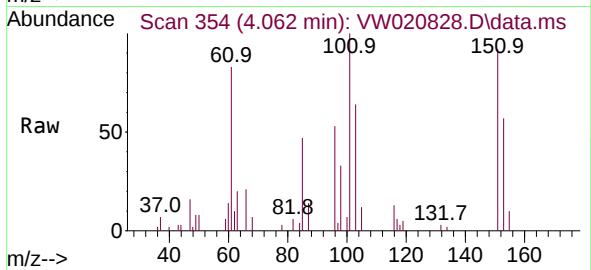
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.769 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1208
Ion Ratio Lower Upper
101 100
85 45.0 34.9 52.3
151 84.3 64.5 96.7

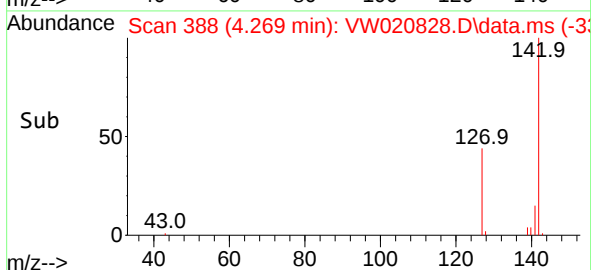
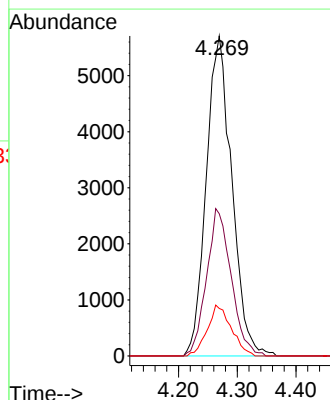
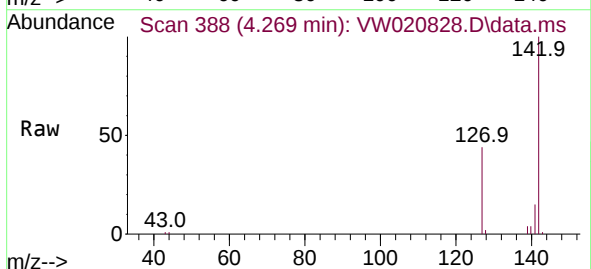
Manual Integrations
APPROVED

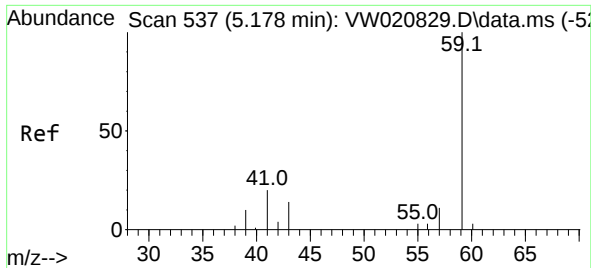
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 16.312 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:142 Resp: 17233
Ion Ratio Lower Upper
142 100
127 44.4 35.8 53.6
141 14.9 11.8 17.6





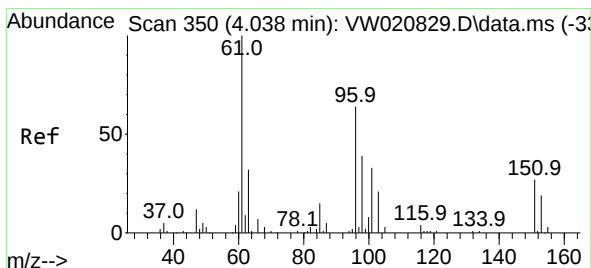
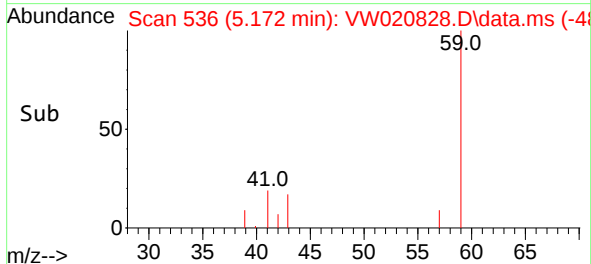
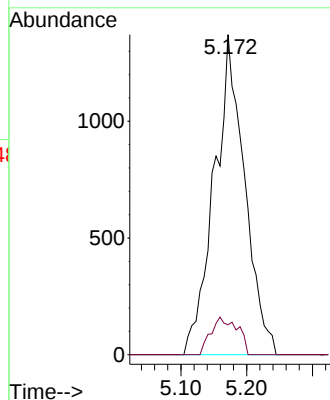
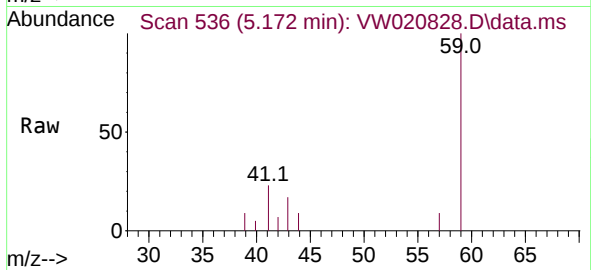
#11
Tert butyl alcohol
Concen: 78.425 ug/l
RT: 5.172 min Scan# 514
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 4414
Ion Ratio Lower Upper
59 100
57 10.2 4.2 6.2

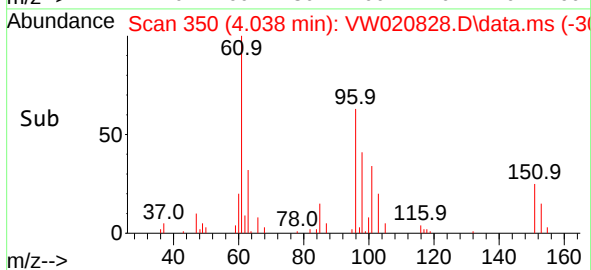
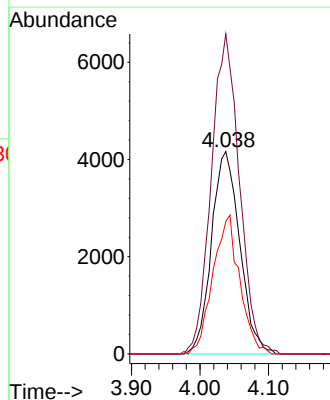
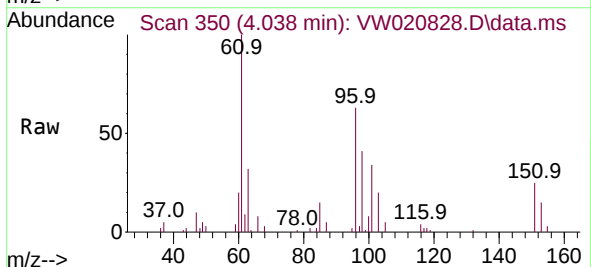
Manual Integrations
APPROVED

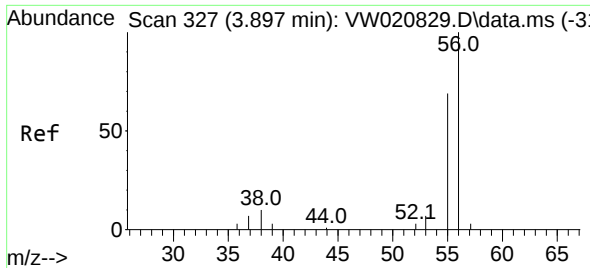
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 14.471 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 96 Resp: 11923
Ion Ratio Lower Upper
96 100
61 158.2 131.0 196.6
98 65.5 47.8 71.6





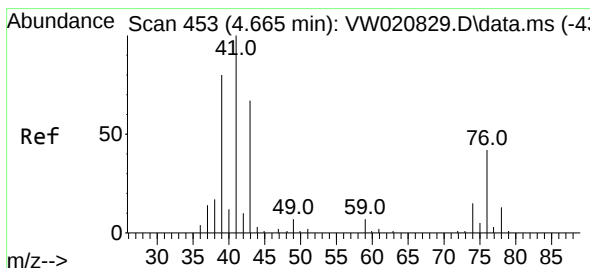
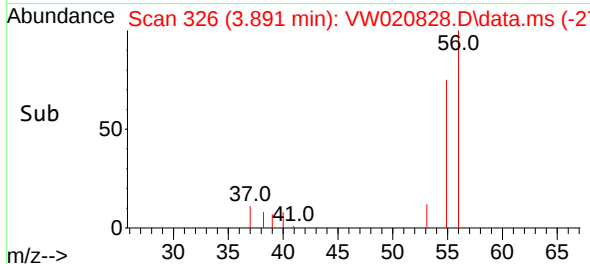
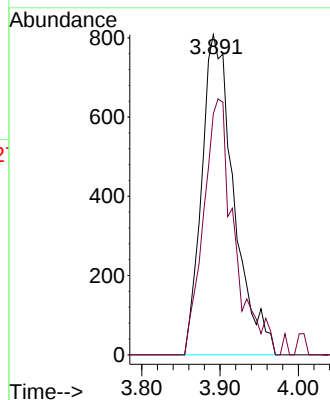
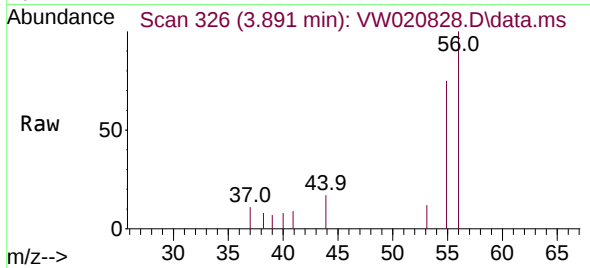
#13
Acrolein
Concen: 84.817 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 76.8 55.5 83.3

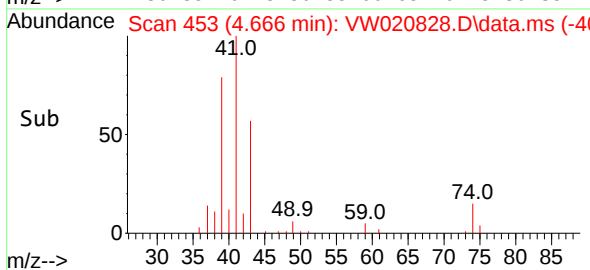
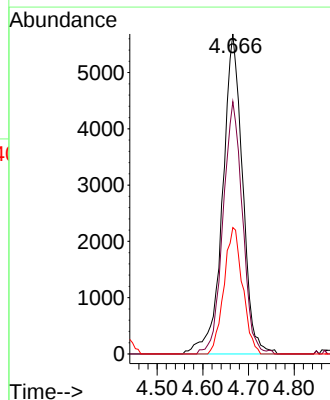
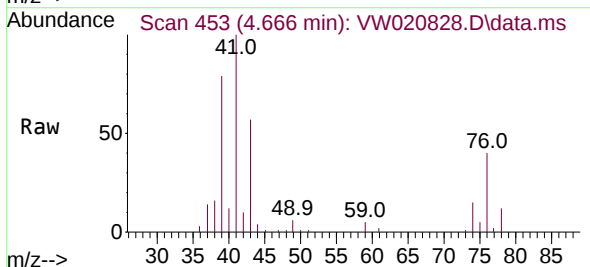
Manual Integrations
APPROVED

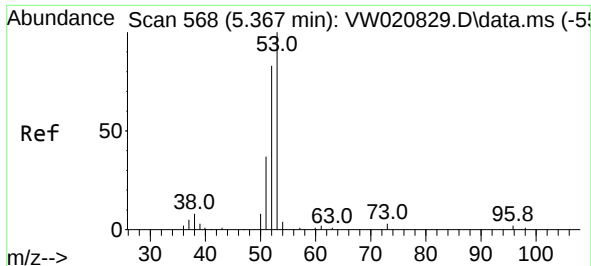
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 13.377 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

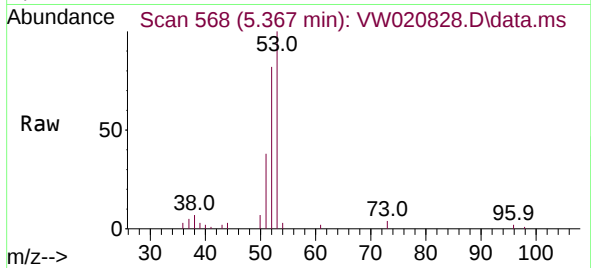
Tgt Ion: 41 Resp: 17266
Ion Ratio Lower Upper
41 100
39 76.7 57.1 85.7
76 36.8 27.1 40.7





#15
Acrylonitrile
Concen: 67.225 ug/l
RT: 5.367 min Scan# 568
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

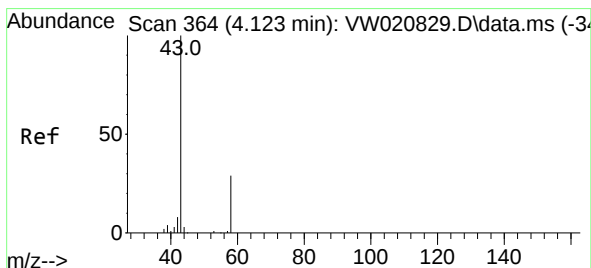
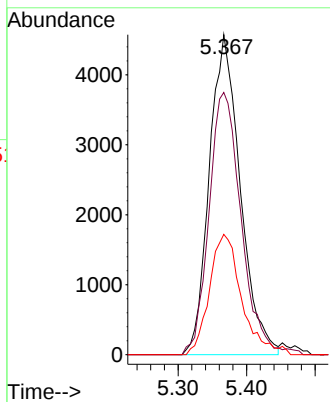
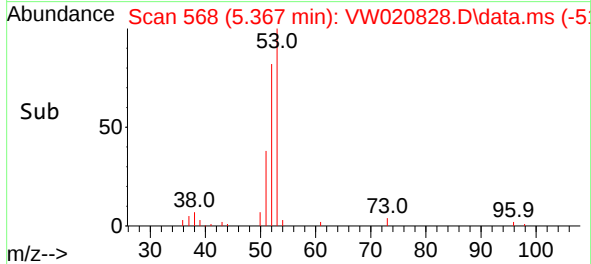
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 14340
Ion Ratio Lower Upper
53 100
52 85.2 66.8 100.2
51 39.1 30.1 45.1

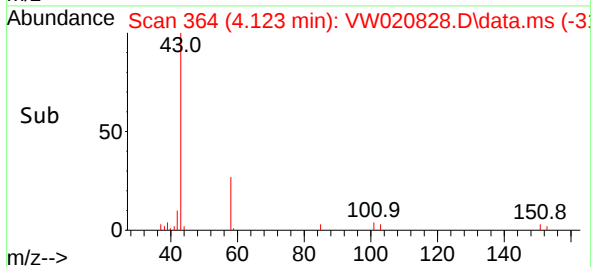
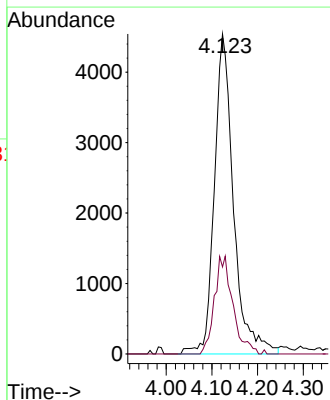
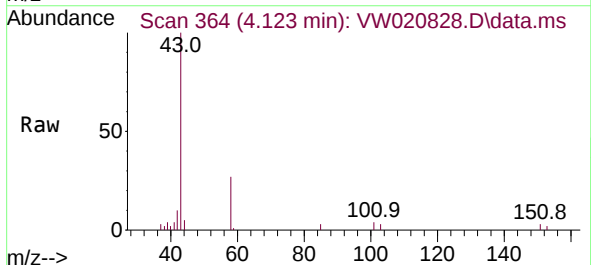
Manual Integrations
APPROVED

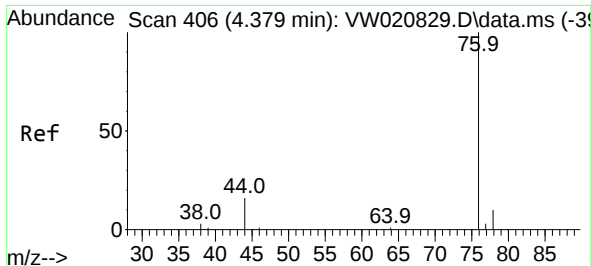
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 56.534 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 43 Resp: 13227
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.2





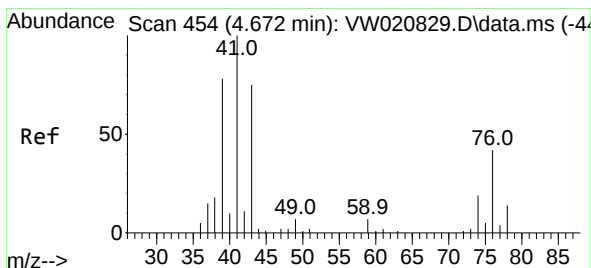
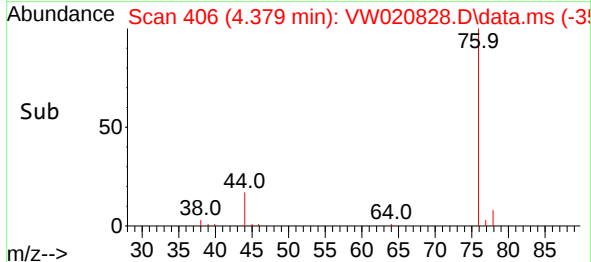
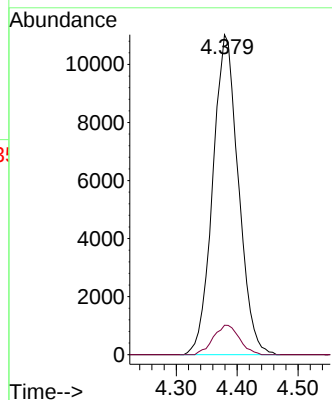
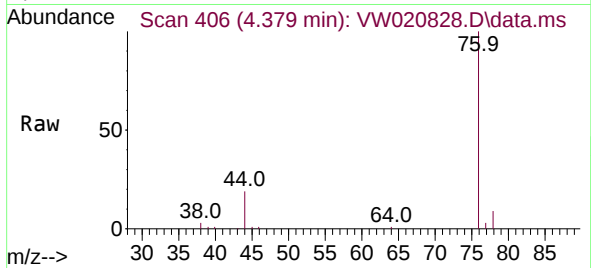
#17
Carbon Disulfide
Concen: 13.832 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 32229
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

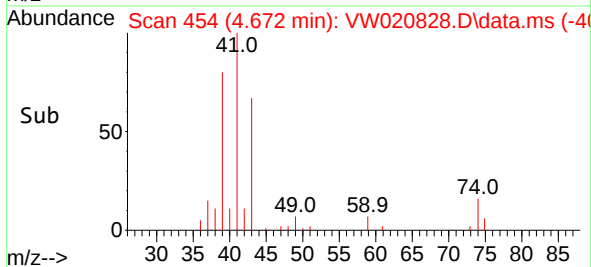
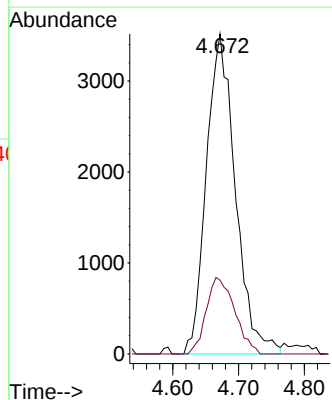
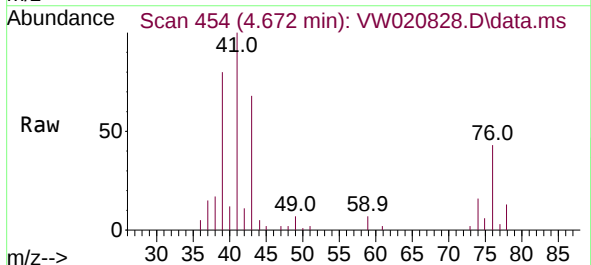
Manual Integrations
APPROVED

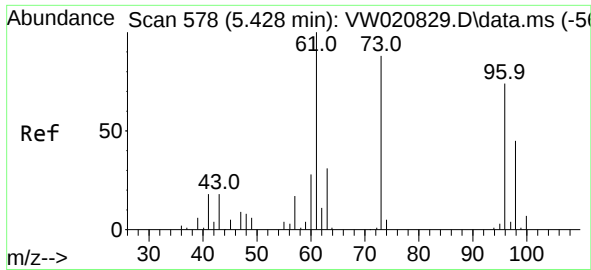
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 14.729 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 43 Resp: 10797
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1





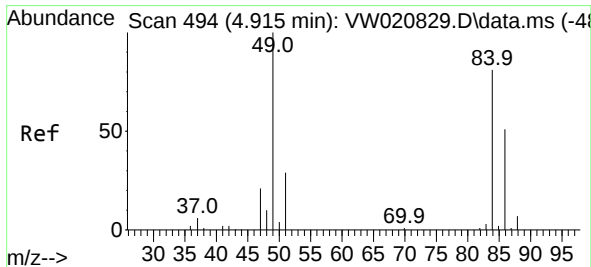
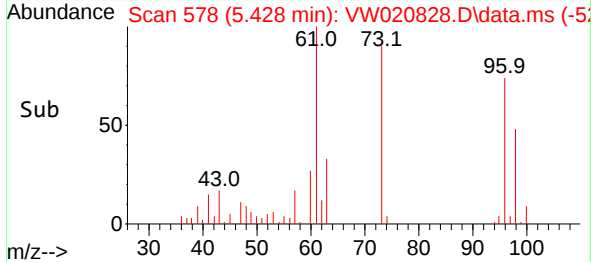
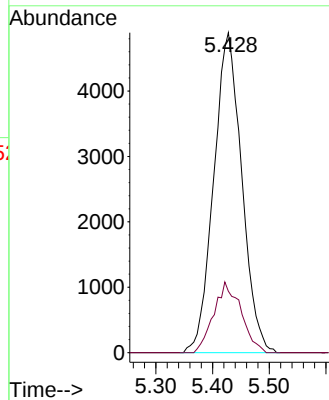
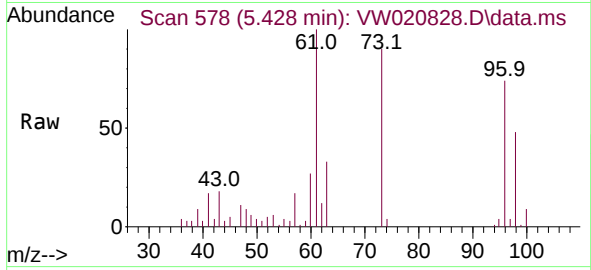
#19
Methyl tert-butyl Ether
Concen: 12.412 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 1679
Ion Ratio Lower Upper
73 100
57 19.2 18.2 27.4

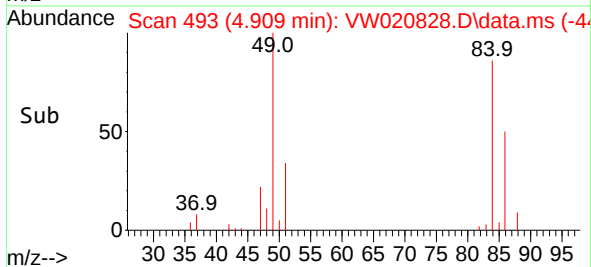
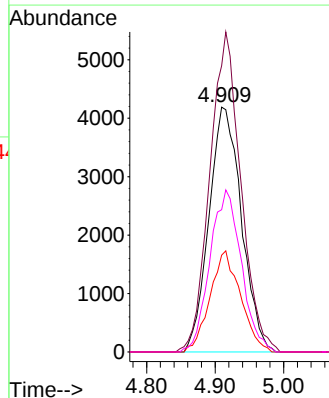
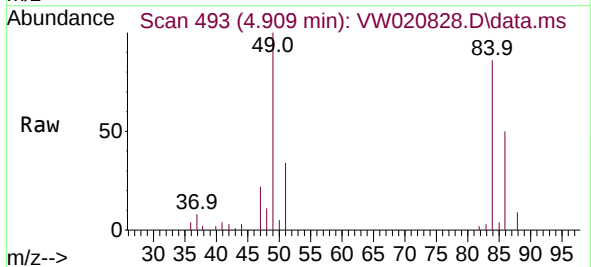
Manual Integrations
APPROVED

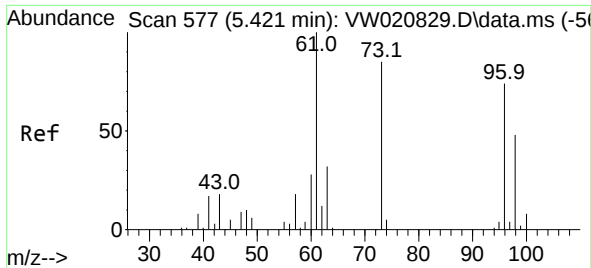
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 12.922 ug/l
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

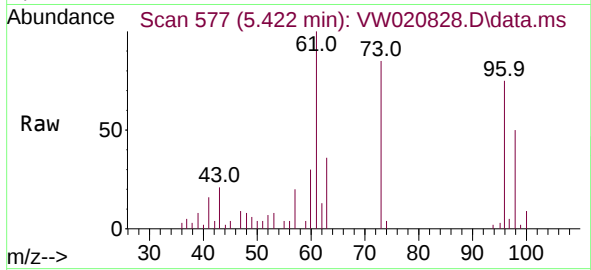
Tgt Ion: 84 Resp: 13793
Ion Ratio Lower Upper
84 100
49 116.9 100.0 150.0
51 39.6 30.8 46.2
86 58.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 13.752 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

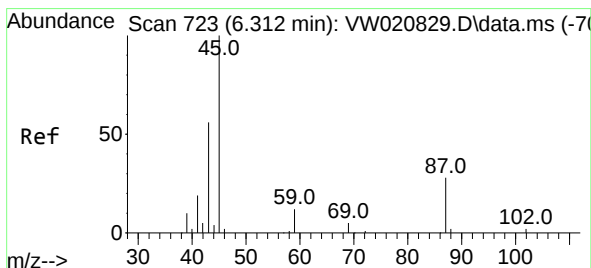
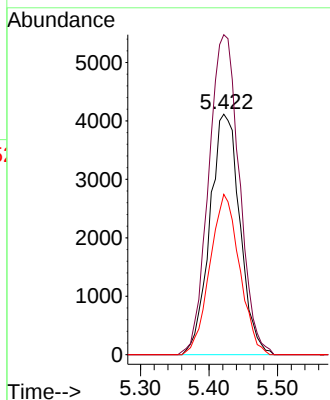
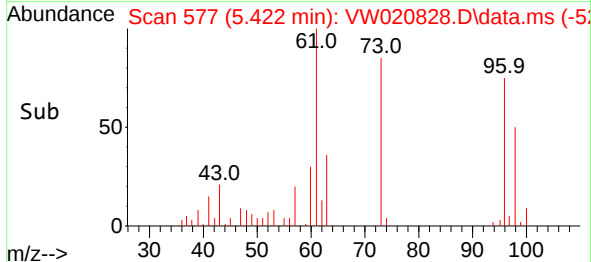
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 12520
Ion Ratio Lower Upper
96 100
61 133.1 113.5 170.3
98 66.7 48.6 72.8

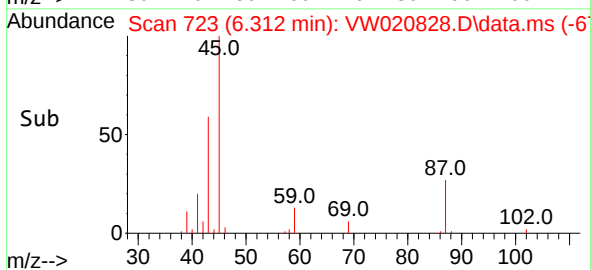
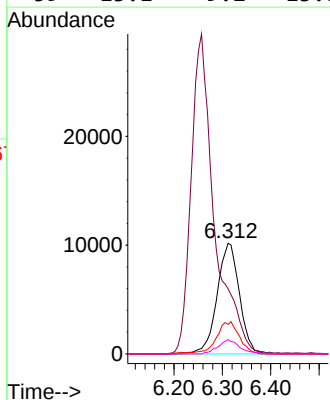
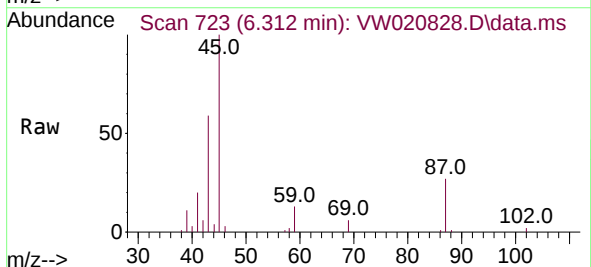
Manual Integrations
APPROVED

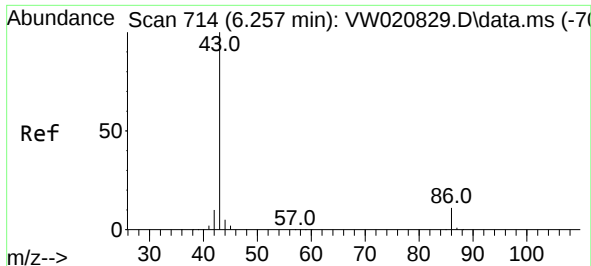
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 12.288 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 45 Resp: 32488
Ion Ratio Lower Upper
45 100
43 57.7 45.1 67.7
87 26.8 21.2 31.8
59 13.1 9.2 13.8





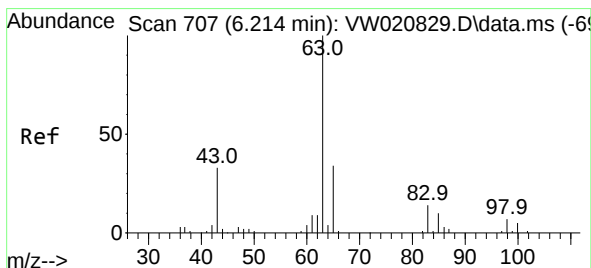
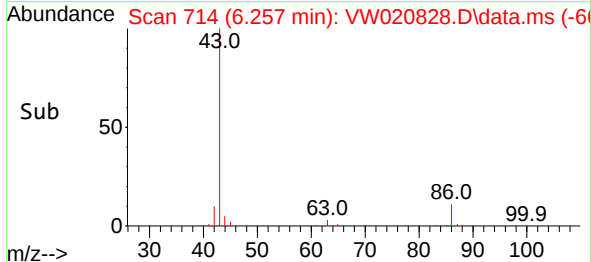
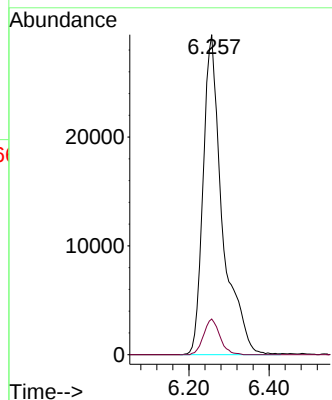
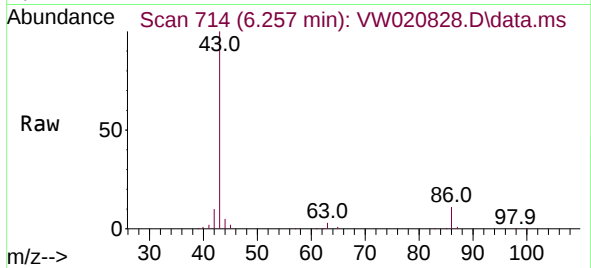
#23
 Vinyl Acetate
 Concen: 64.952 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020828.D
 Acq: 10 Nov 2021 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 98092
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7

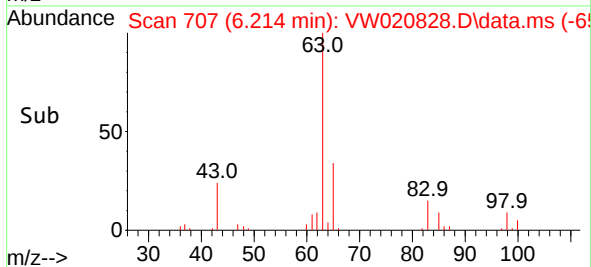
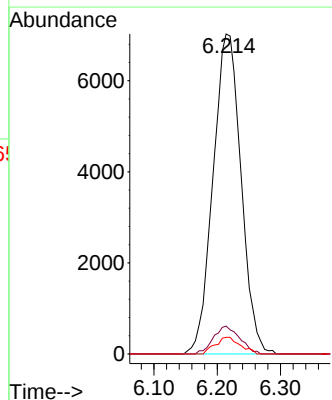
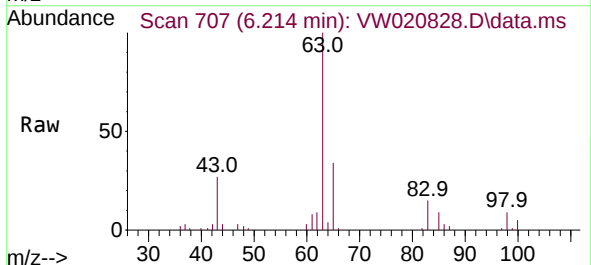
Manual Integrations
 APPROVED

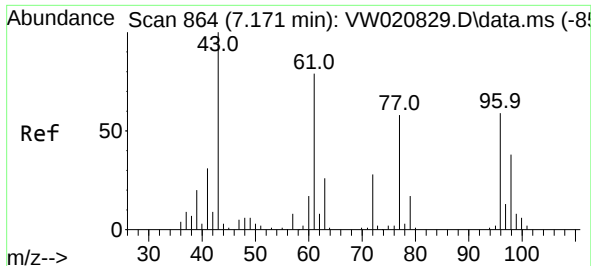
Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 12.733 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020828.D
 Acq: 10 Nov 2021 11:38

Tgt Ion: 63 Resp: 21569
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.2 9.6
 100 5.2 2.3 6.8





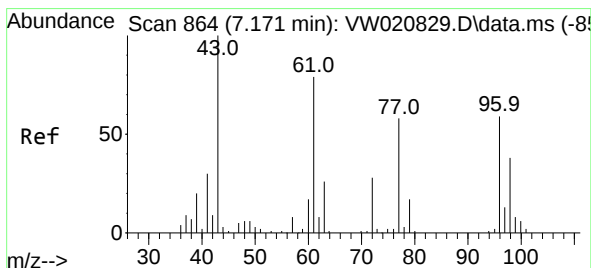
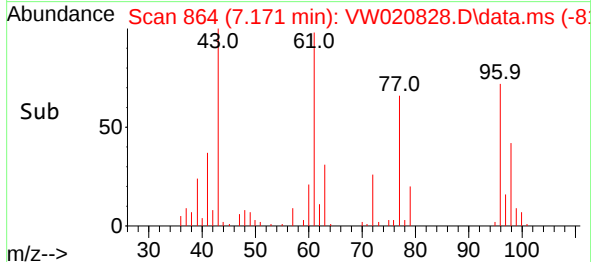
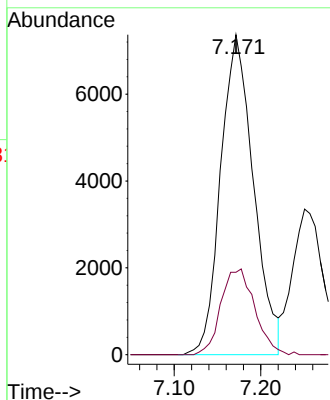
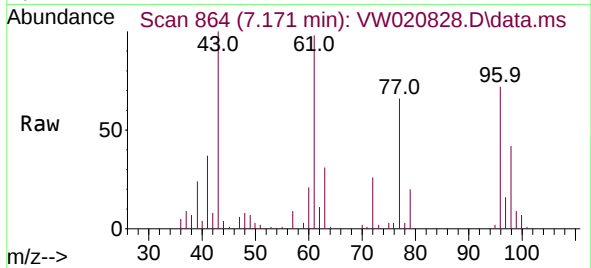
#25
2-Butanone
Concen: 66.408 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 19434
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.0

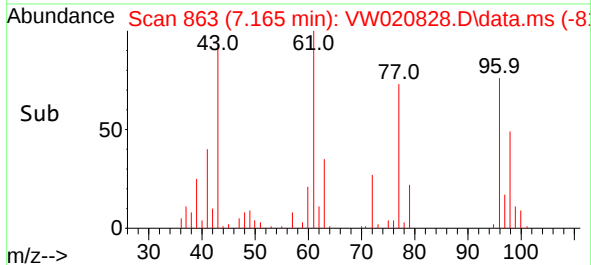
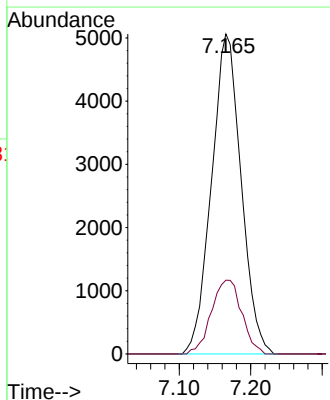
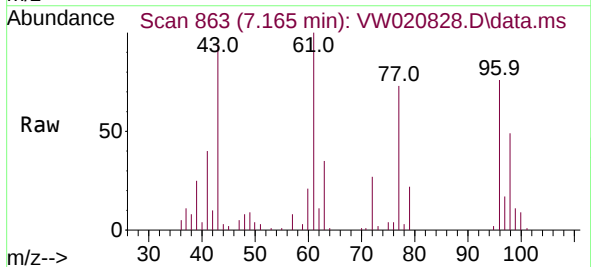
Manual Integrations
APPROVED

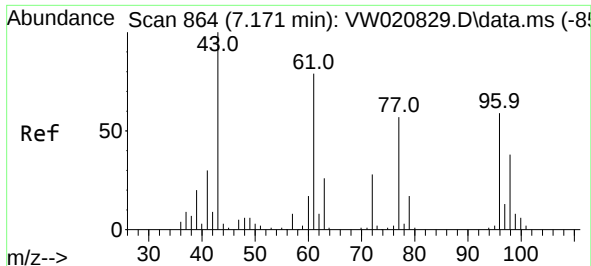
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 13.468 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 77 Resp: 14537
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 13.762 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

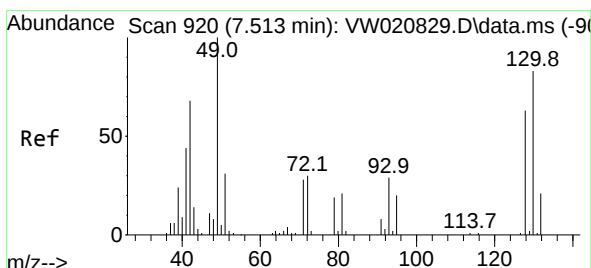
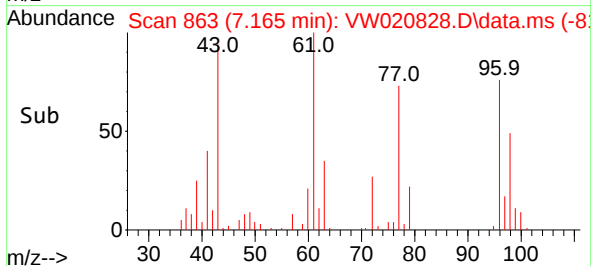
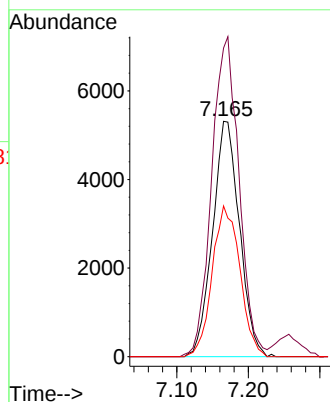
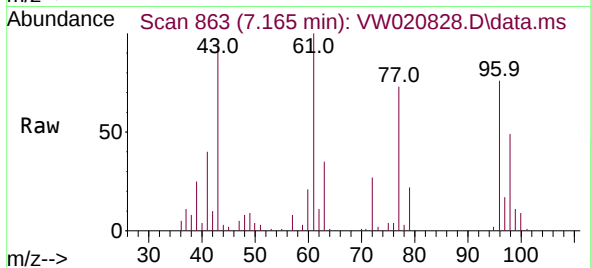
VSTDICC020

Tgt Ion:	96	Resp:	1388
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	298.0
98	65.9	0.0	129.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 14.900 ug/l

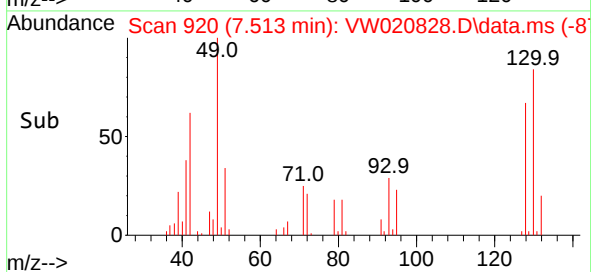
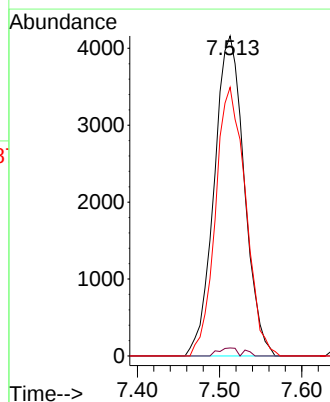
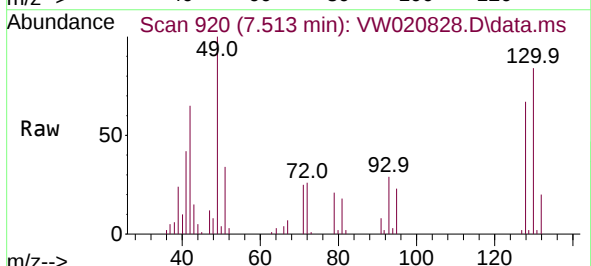
RT: 7.513 min Scan# 920

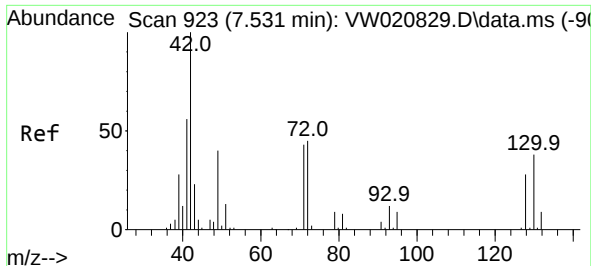
Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Tgt Ion:	49	Resp:	10577
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	0.0#
130	84.3	63.0	94.6





#29

Tetrahydrofuran

Concen: 72.514 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

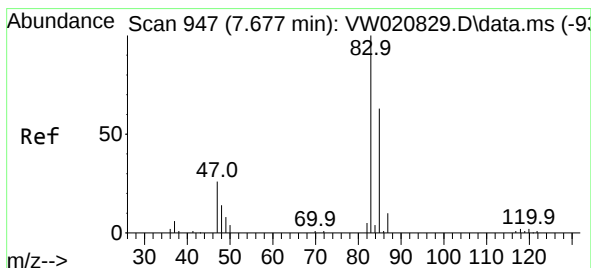
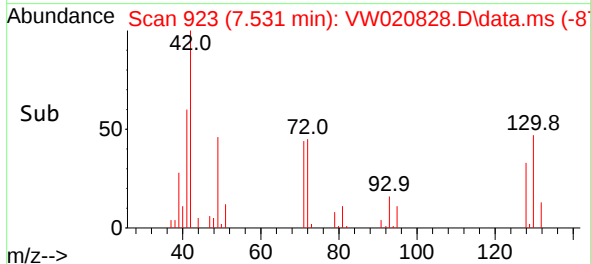
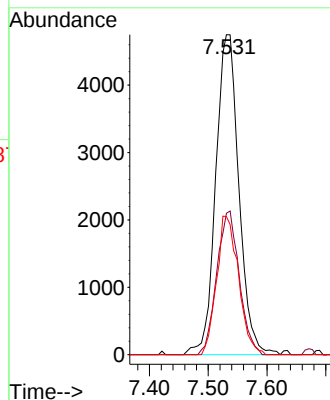
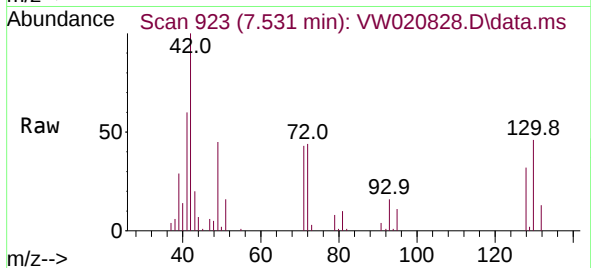
VSTDICC020

Tgt Ion: 42	Resp: 13010
Ion Ratio	Lower Upper
42 100	
72 43.5	35.0 52.6
71 40.9	32.2 48.4

Manual Integrations

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



#30

Chloroform

Concen: 12.588 ug/l

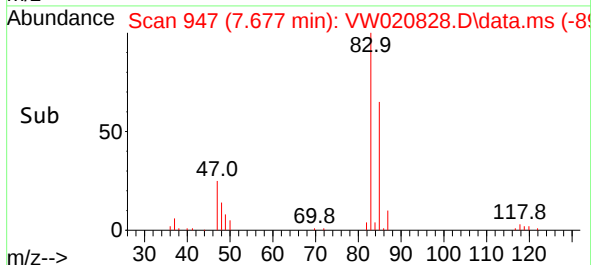
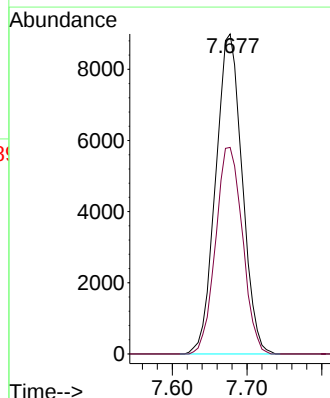
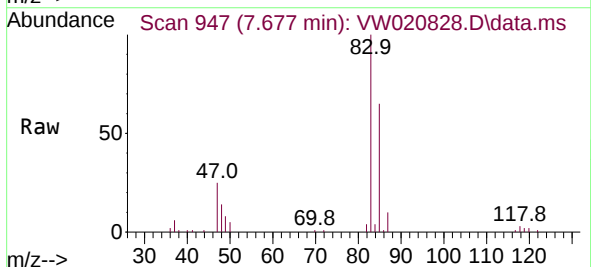
RT: 7.677 min Scan# 947

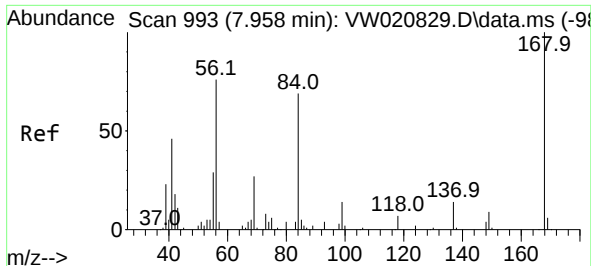
Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

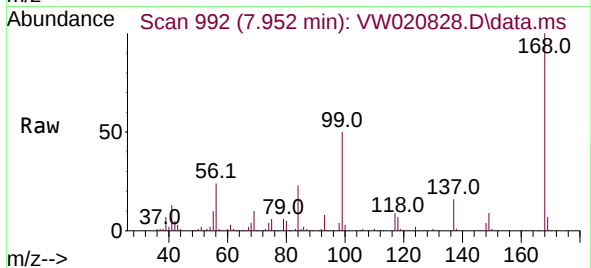
Tgt Ion: 83	Resp: 22145
Ion Ratio	Lower Upper
83 100	
85 64.6	52.9 79.3





#31
Cyclohexane
Concen: 13.950 ug/l
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

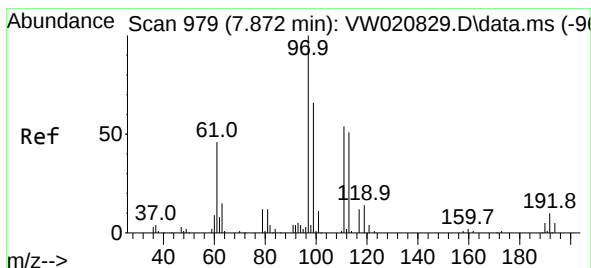
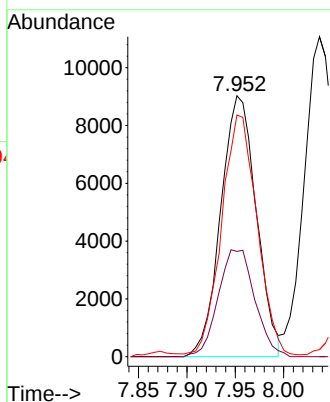
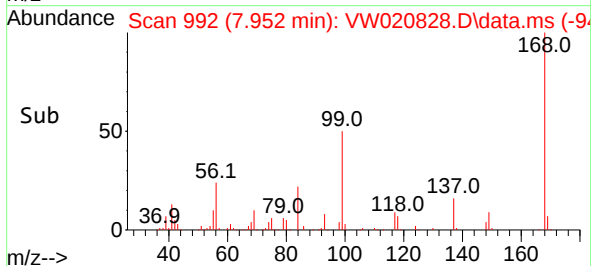
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 2308
Ion Ratio Lower Upper
56 100
69 40.4 27.2 40.8
84 91.5 71.8 107.6

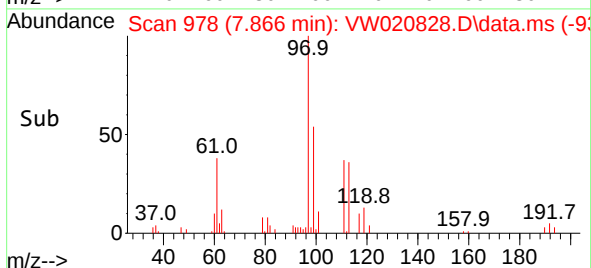
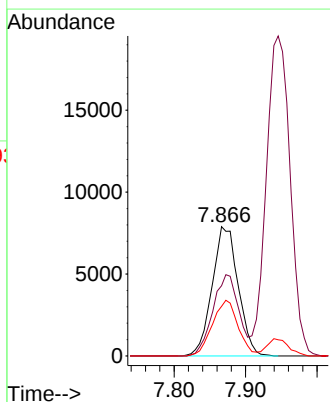
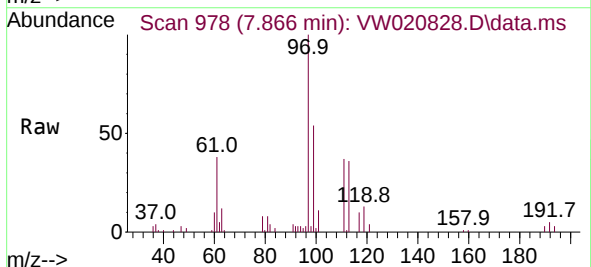
Manual Integrations
APPROVED

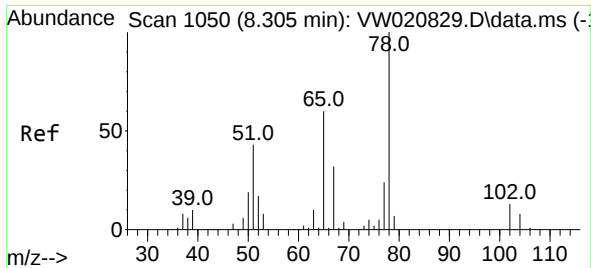
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 13.836 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 97 Resp: 19968
Ion Ratio Lower Upper
97 100
99 62.2 50.6 75.8
61 42.6 36.6 55.0





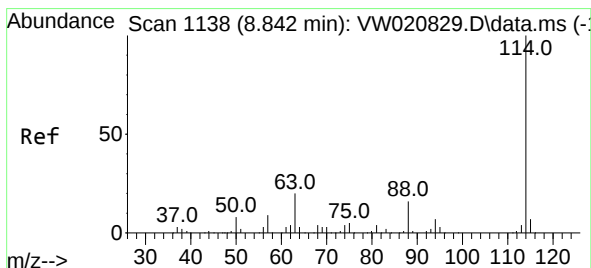
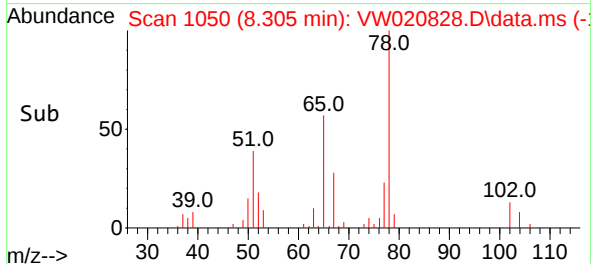
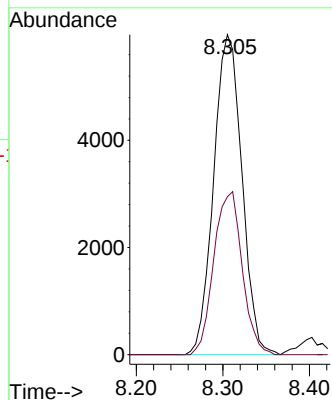
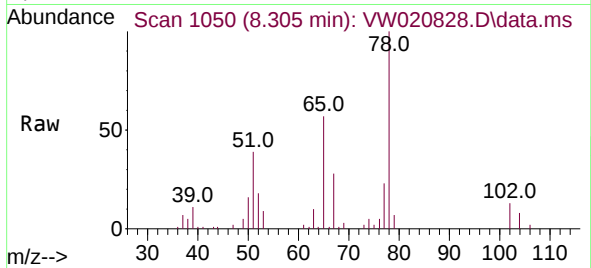
#33
1,2-Dichloroethane-d4
Concen: 13.702 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 1355
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

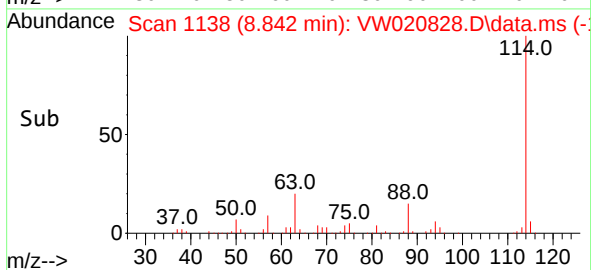
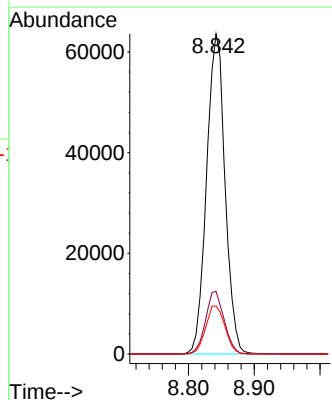
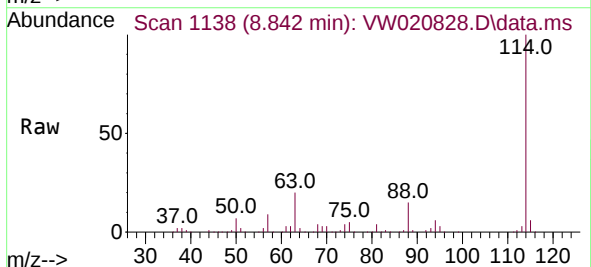
Manual Integrations
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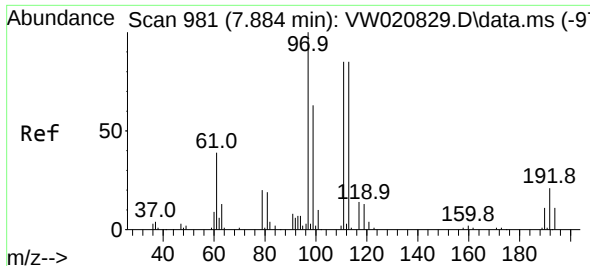
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

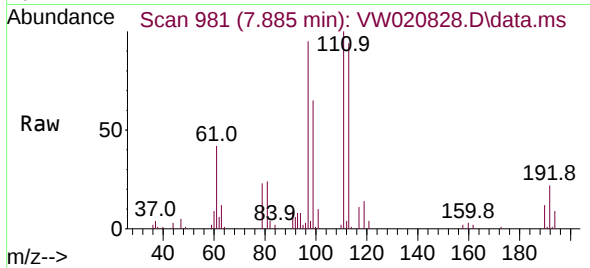
Tgt Ion:114 Resp: 124238
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 15.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 15.845 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

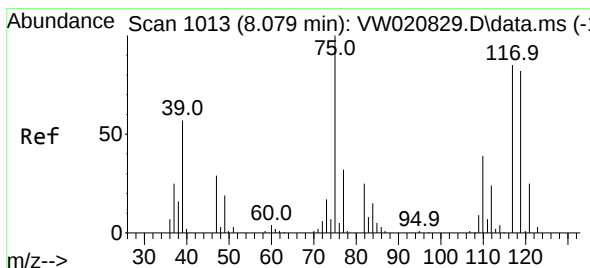
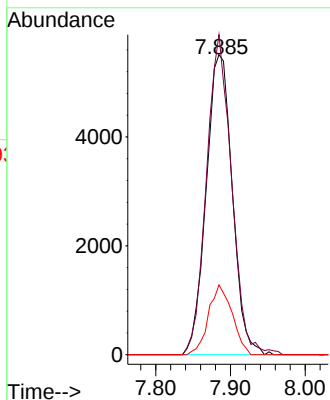
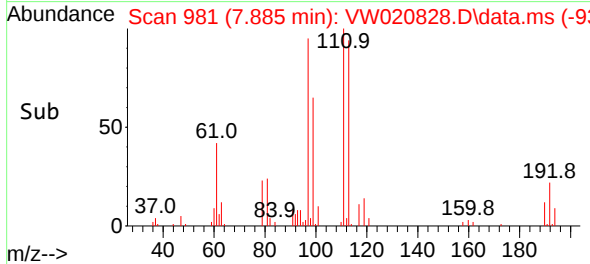
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



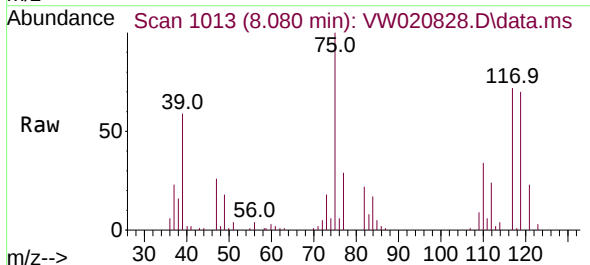
Tgt Ion: 113 Resp: 1343
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.0 17.8 26.8

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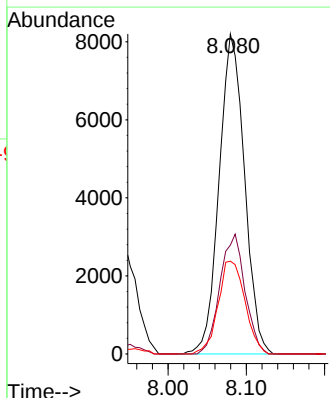
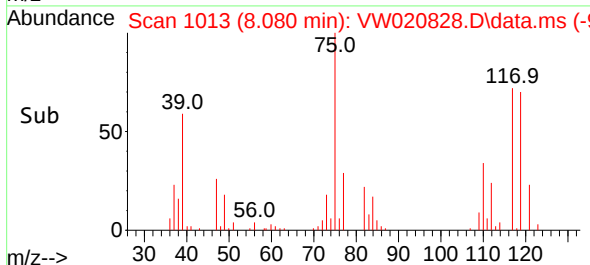
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

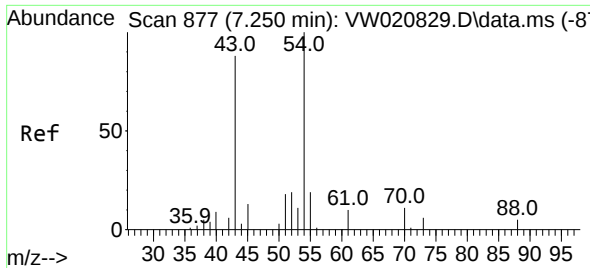


#36
1,1-Dichloropropene
Concen: 13.996 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



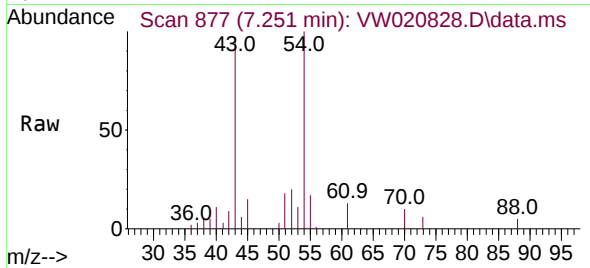
Tgt Ion: 75 Resp: 18460
Ion Ratio Lower Upper
75 100
110 37.0 17.1 51.3
77 30.7 24.9 37.3





#37
Ethyl Acetate
Concen: 13.532 ug/l
RT: 7.251 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

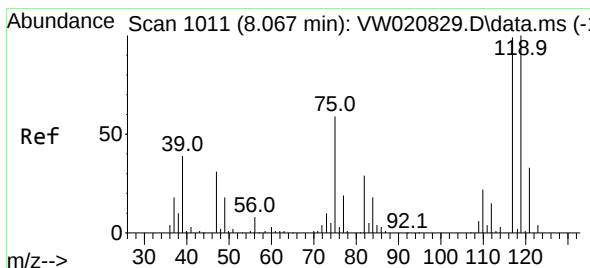
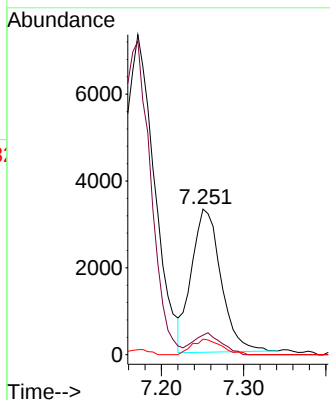
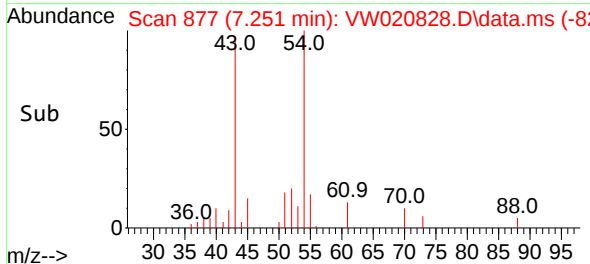
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



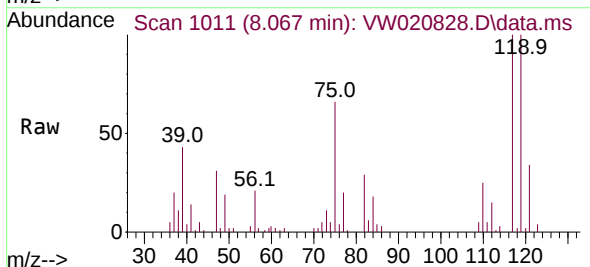
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
61 14.2 10.3 15.5
70 10.7 8.8 13.2

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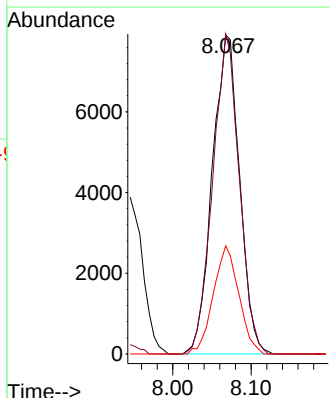
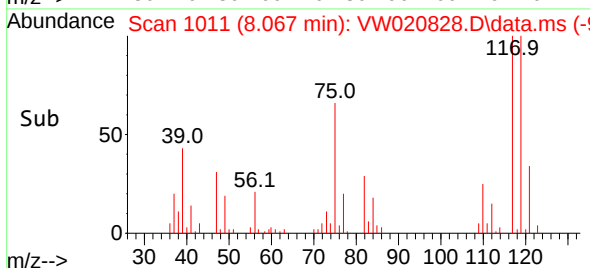
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

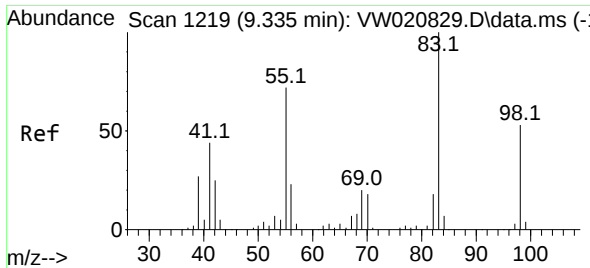


#38
Carbon Tetrachloride
Concen: 14.635 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion:117 Resp: 19072
Ion Ratio Lower Upper
117 100
119 100.3 72.9 109.3
121 33.9 23.4 35.0





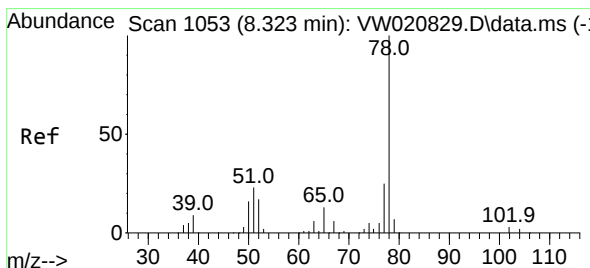
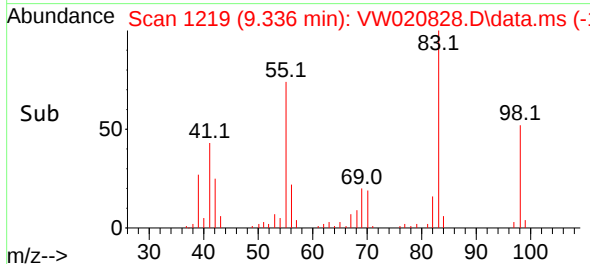
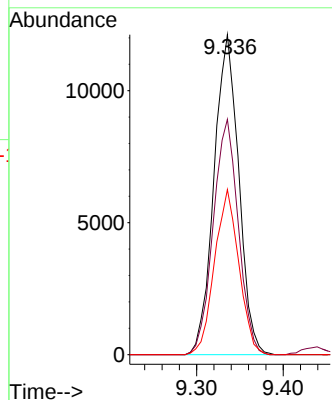
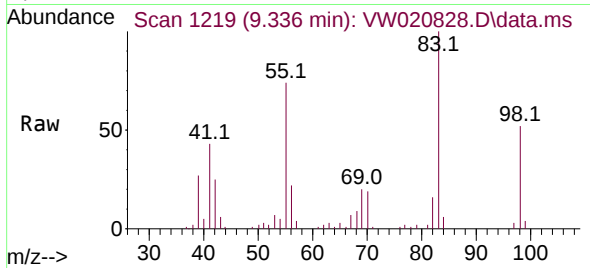
#39
Methylcyclohexane
Concen: 15.405 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 24075
Ion Ratio Lower Upper
83 100
55 73.5 62.6 94.0
98 51.6 38.8 58.2

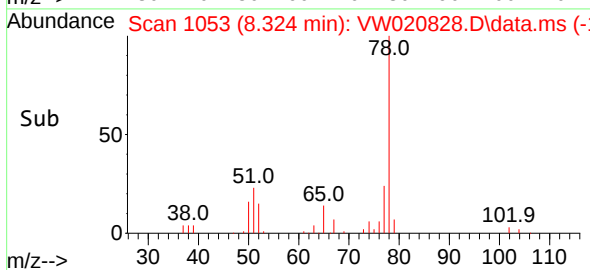
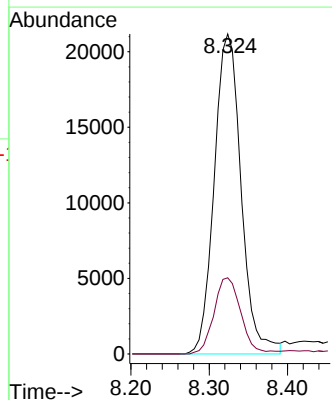
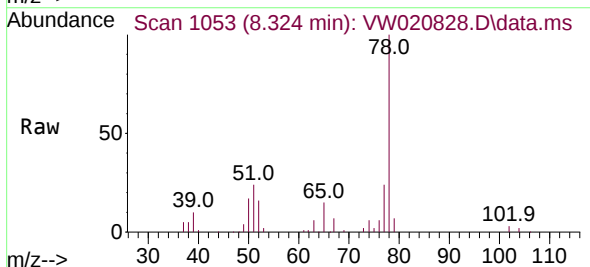
Manual Integrations
APPROVED

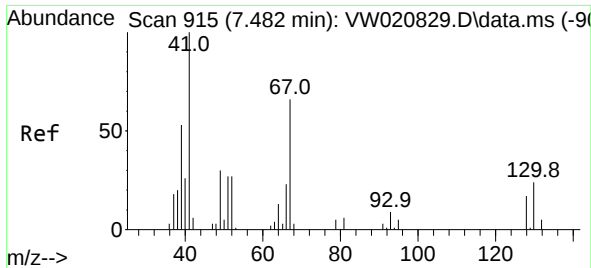
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 13.541 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

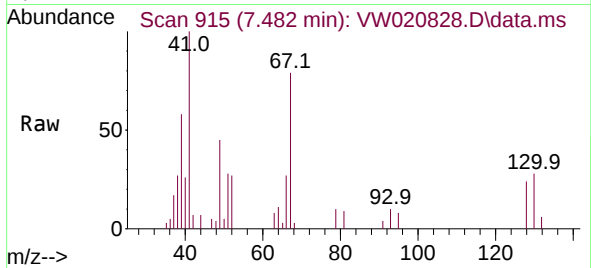
Tgt Ion: 78 Resp: 50515
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 13.411 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

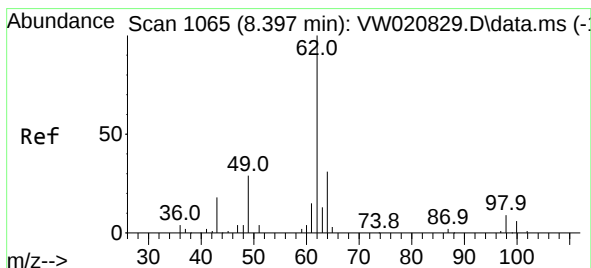
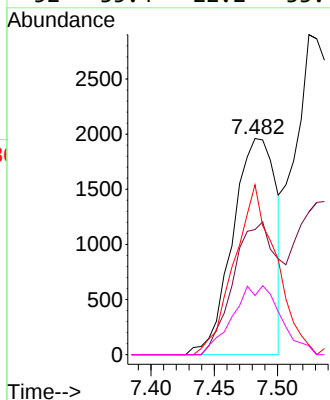
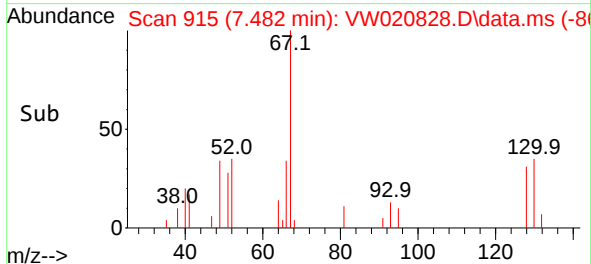
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 4670
Ion Ratio Lower Upper
41 100
39 65.6 44.3 66.5
67 76.2 50.9 76.3
52 35.4 22.2 33.4#

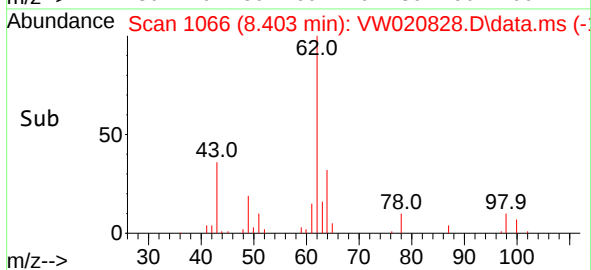
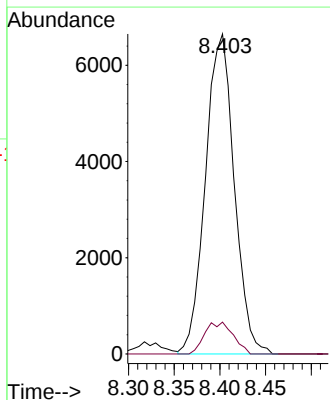
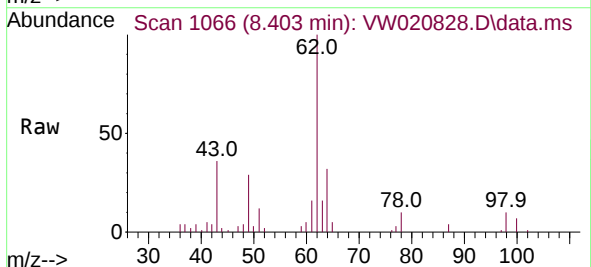
Manual Integrations
APPROVED

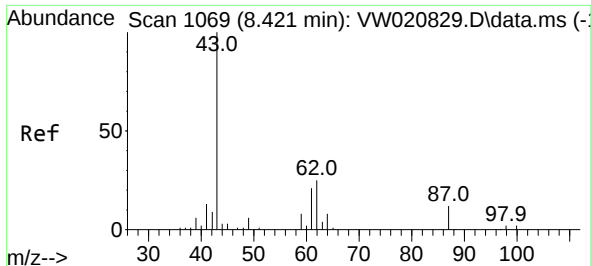
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 12.649 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

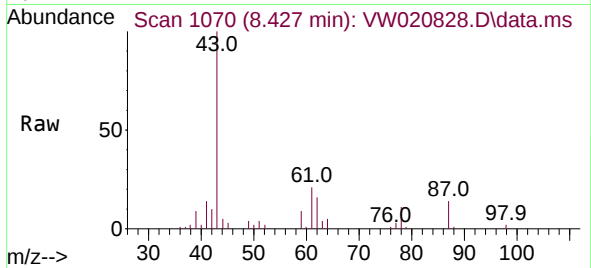
Tgt Ion: 62 Resp: 14592
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.8





#43
Isopropyl Acetate
Concen: 14.296 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

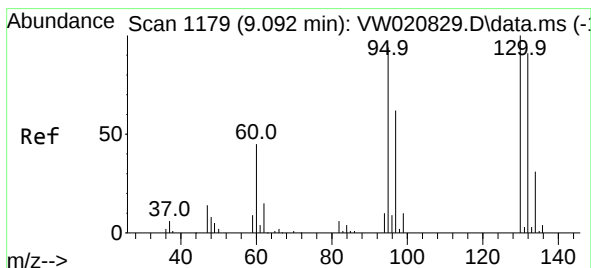
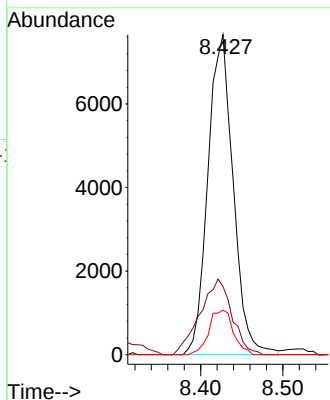
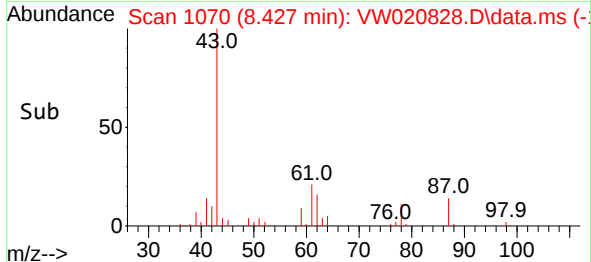
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 16372
Ion Ratio Lower Upper
43 100
61 29.8 23.3 34.9
87 13.5 10.4 15.6

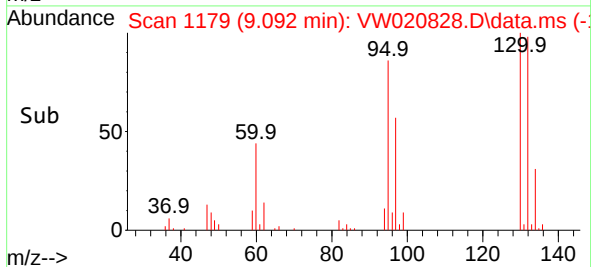
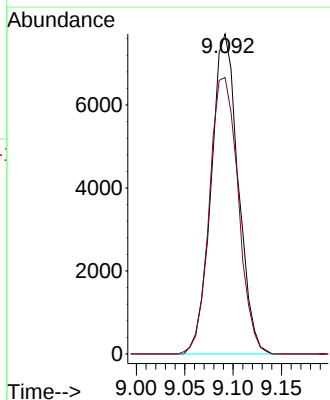
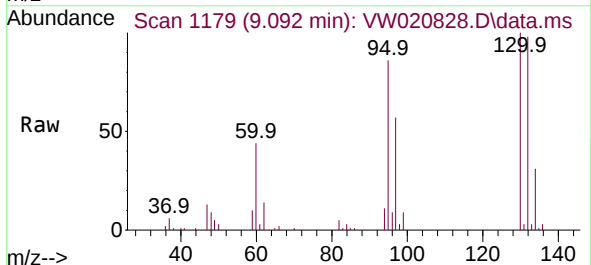
Manual Integrations
APPROVED

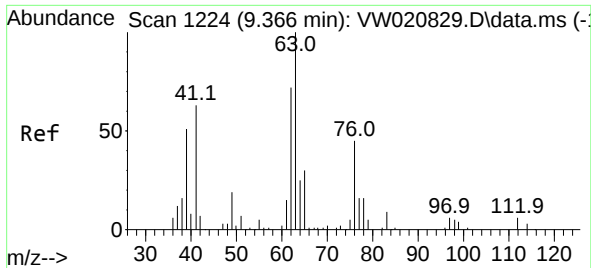
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 15.067 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

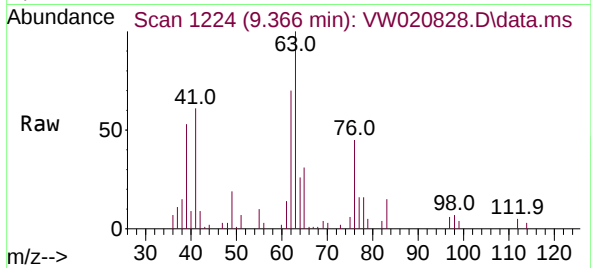
Tgt Ion:130 Resp: 14986
Ion Ratio Lower Upper
130 100
95 86.4 0.0 189.2





#45
1,2-Dichloropropane
Concen: 12.898 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

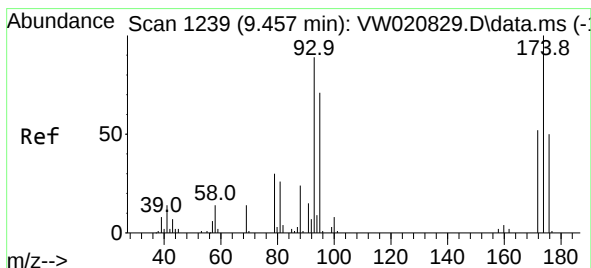
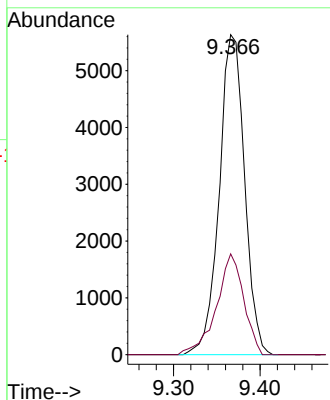
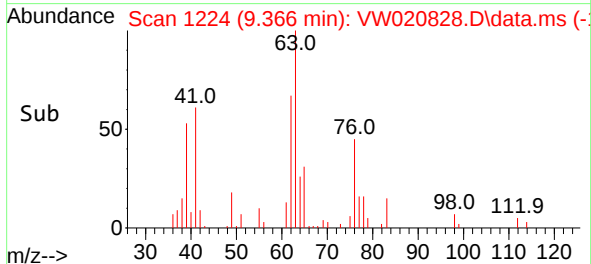
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 63 Resp: 11440
Ion Ratio Lower Upper
63 100
65 31.5 23.7 35.5

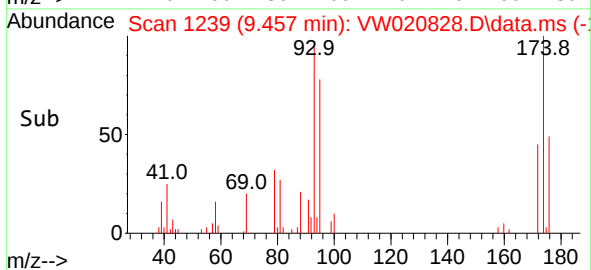
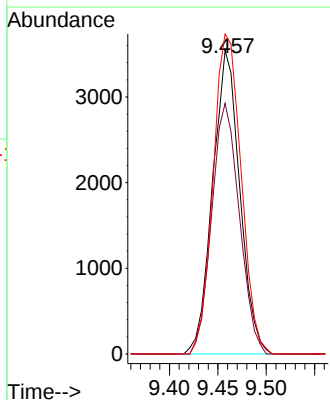
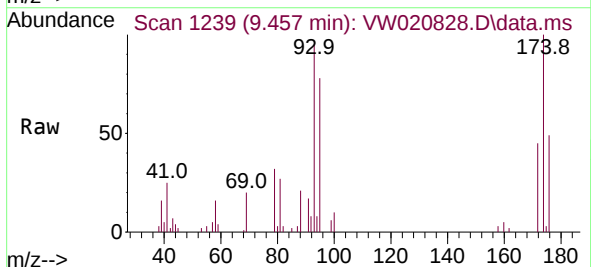
Manual Integrations
APPROVED

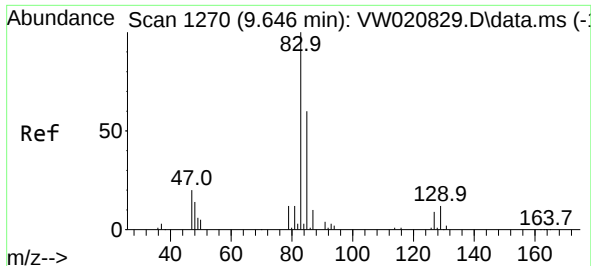
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
Dibromomethane
Concen: 13.941 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

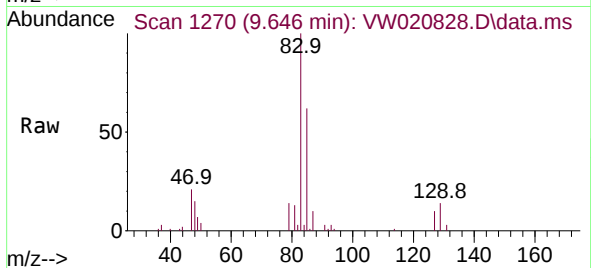
Tgt Ion: 93 Resp: 6909
Ion Ratio Lower Upper
93 100
95 83.8 67.0 100.4
174 108.6 88.9 133.3





#47
Bromodichloromethane
Concen: 13.232 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

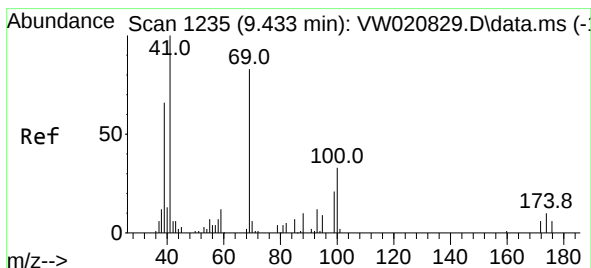
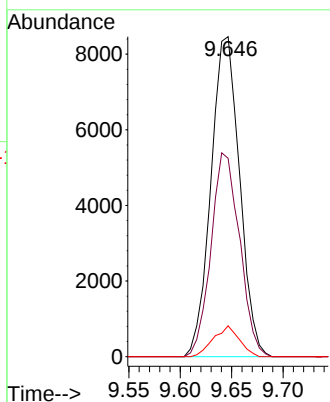
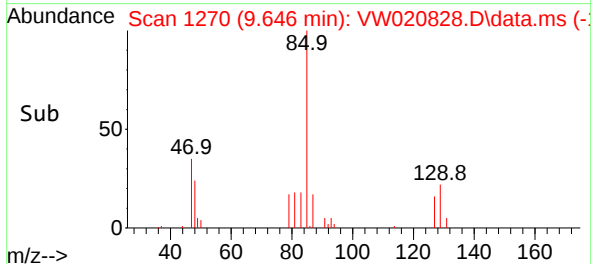
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 1640
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.6
127 9.7 7.0 10.4

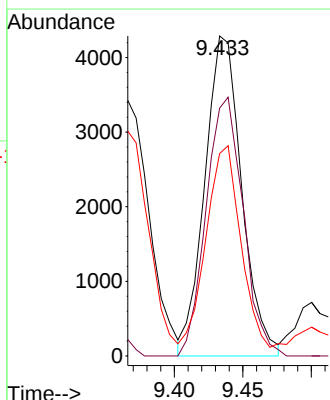
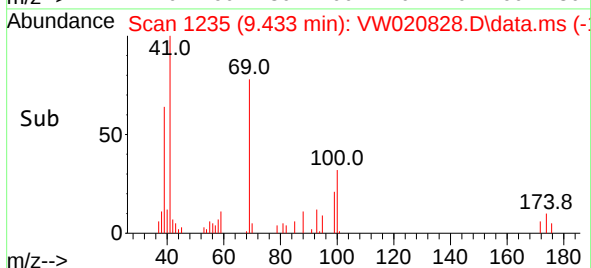
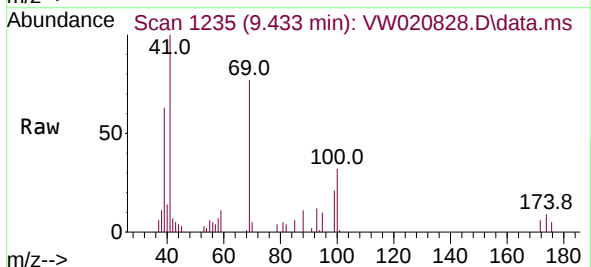
Manual Integrations
APPROVED

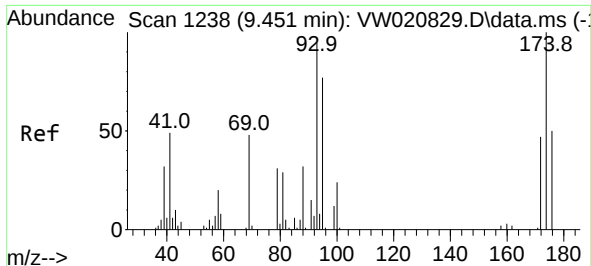
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 14.837 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

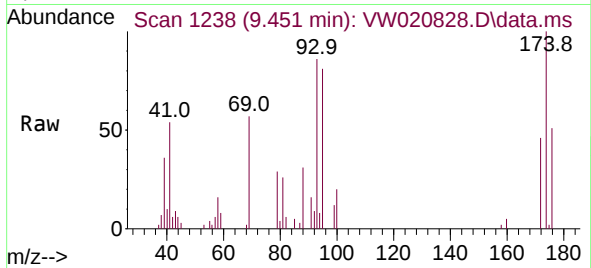
Tgt Ion: 41 Resp: 8047
Ion Ratio Lower Upper
41 100
69 81.0 67.2 100.8
39 58.6 47.0 70.6





#49
1,4-Dioxane
Concen: 321.209 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

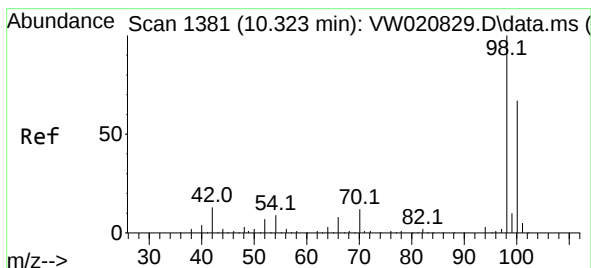
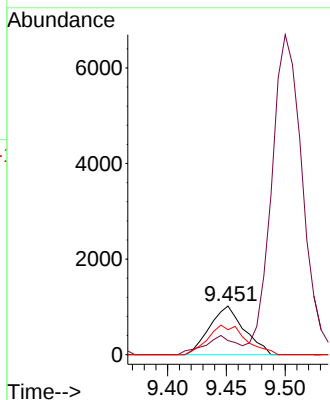
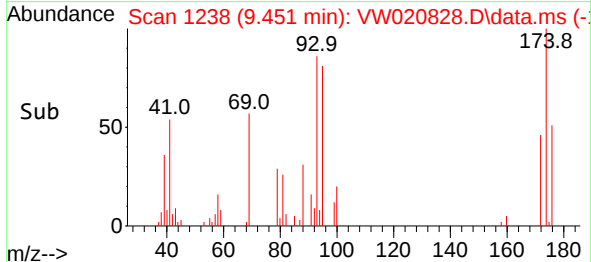
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



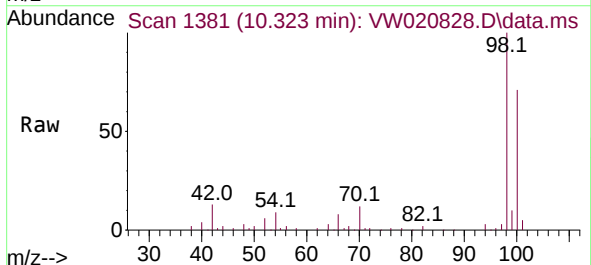
Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 35.3 28.8 43.2
58 66.5 59.6 89.4

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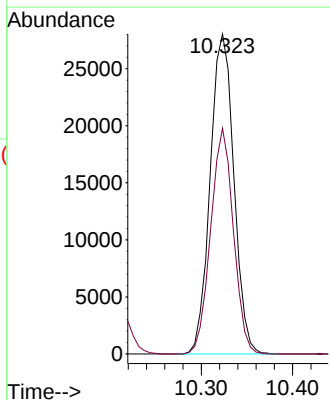
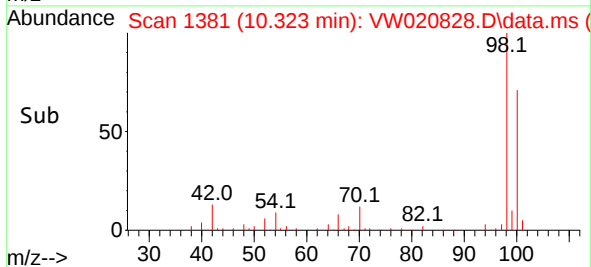
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

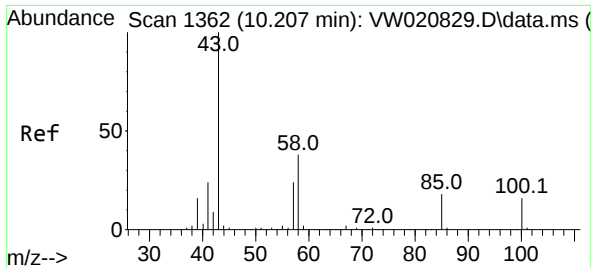


#50
Toluene-d8
Concen: 15.634 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion: 98 Resp: 50404
Ion Ratio Lower Upper
98 100
100 67.7 53.2 79.8





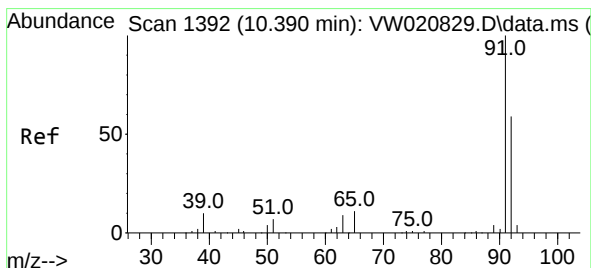
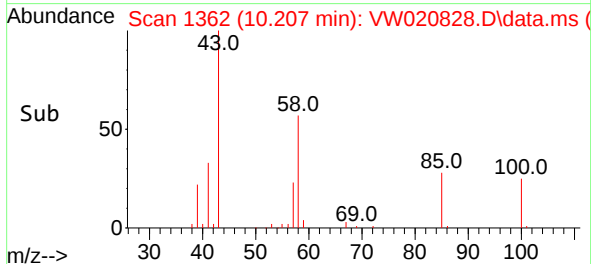
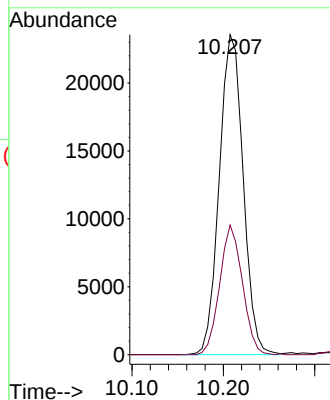
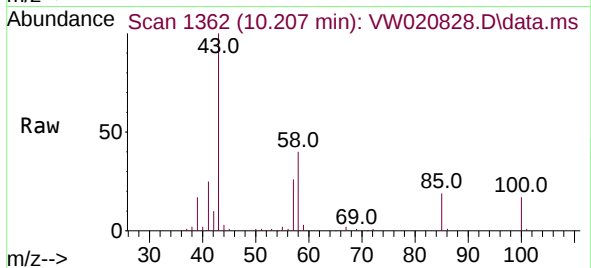
#51
4-Methyl-2-Pentanone
Concen: 70.630 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 42815
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

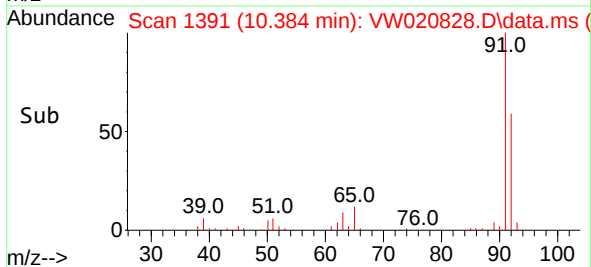
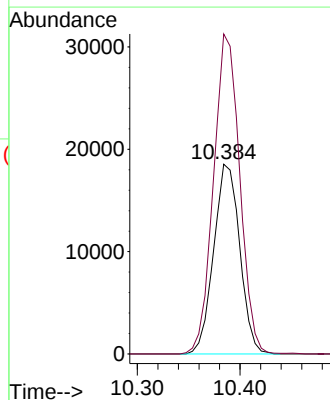
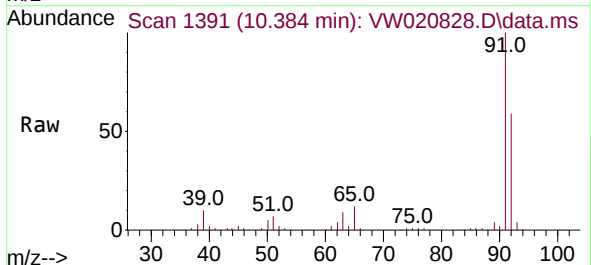
Manual Integrations
APPROVED

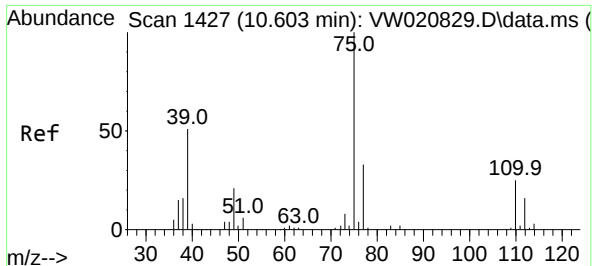
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 14.059 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 92 Resp: 32621
Ion Ratio Lower Upper
92 100
91 170.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 13.501 ug/l

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 1679

Ion Ratio Lower Upper

75 100

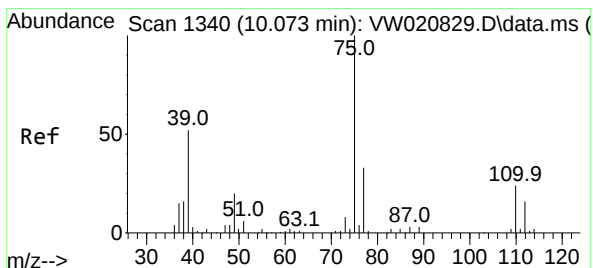
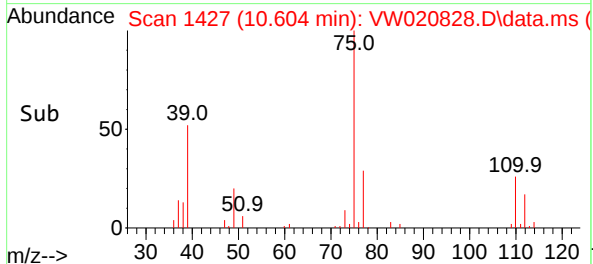
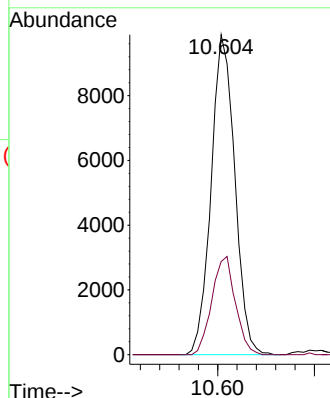
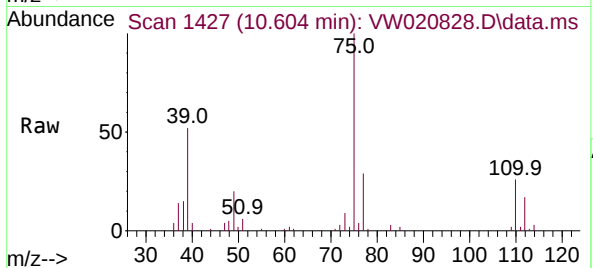
77 29.1 24.6 37.0

Manual Integrations

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Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

cis-1,3-Dichloropropene

Concen: 13.379 ug/l

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

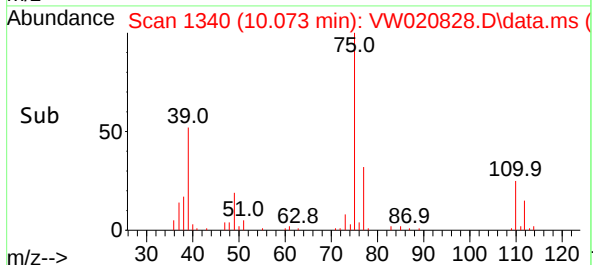
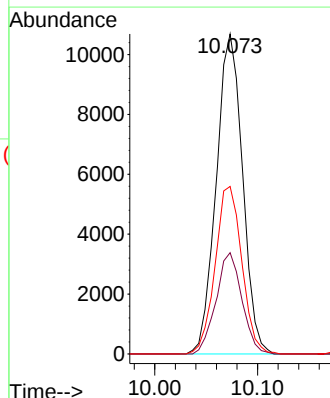
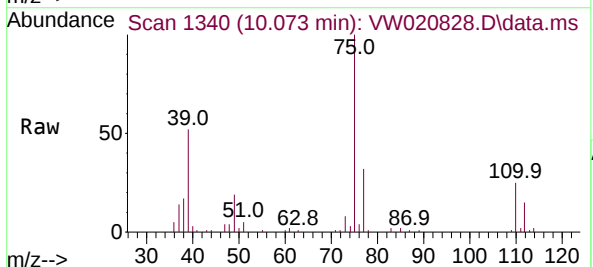
Tgt Ion: 75 Resp: 18975

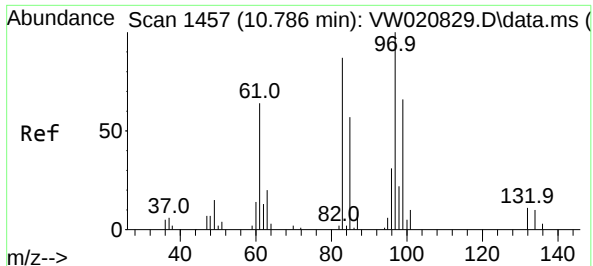
Ion Ratio Lower Upper

75 100

77 31.7 23.8 35.8

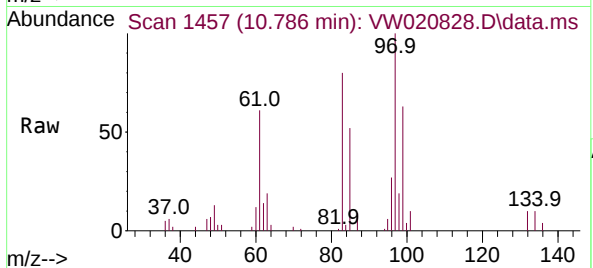
39 52.4 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 13.564 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

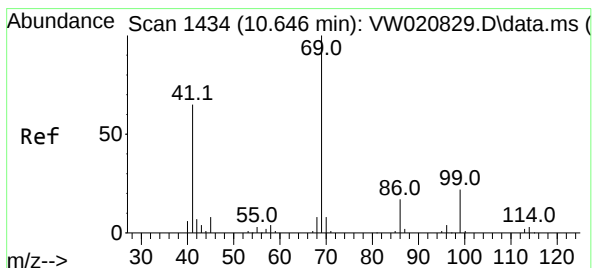
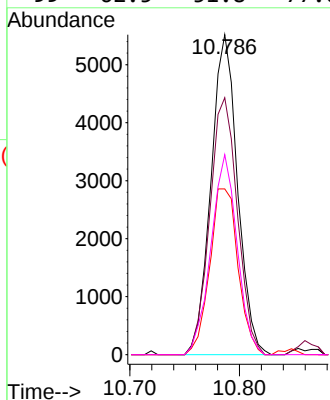
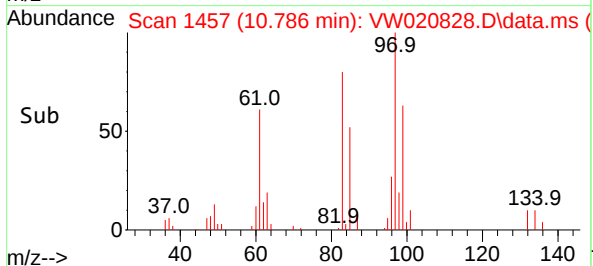


Tgt Ion: 97 Resp: 9289

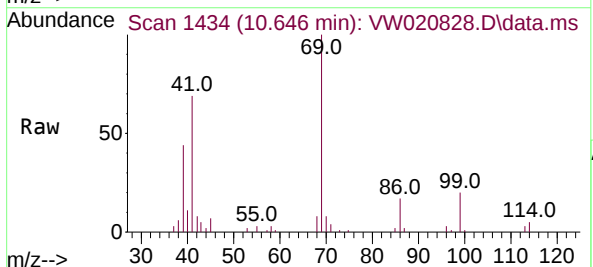
Ion	Ratio	Lower	Upper
97	100		
83	80.3	69.0	103.4
85	51.8	44.3	66.5
99	62.5	51.8	77.6

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

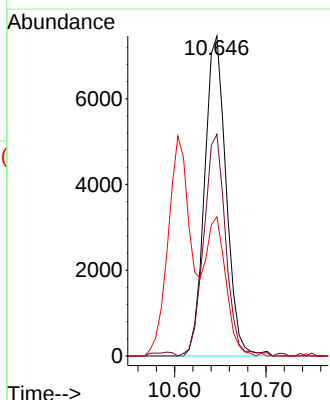
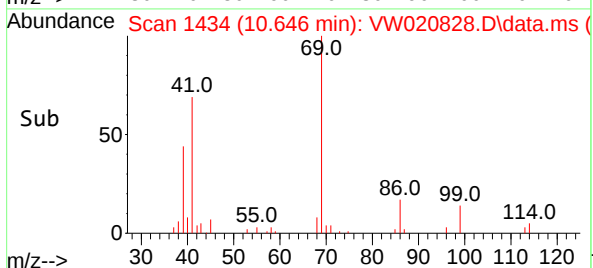


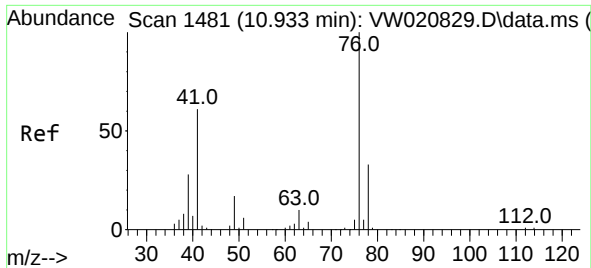
#56
Ethyl methacrylate
Concen: 13.933 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion: 69 Resp: 12189

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.6	85.0
39	40.1	29.6	44.4





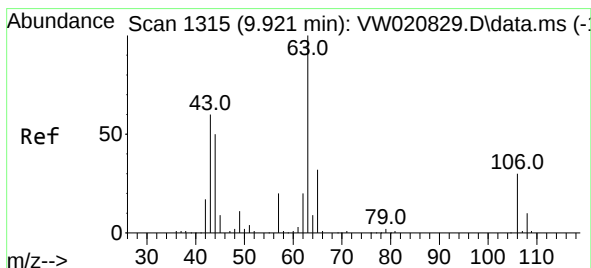
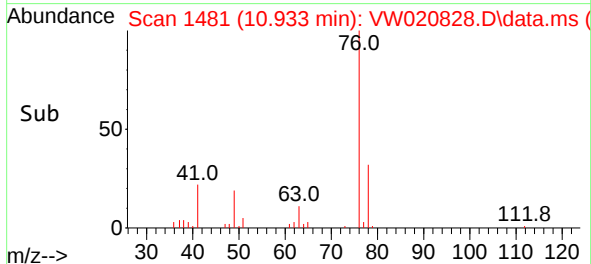
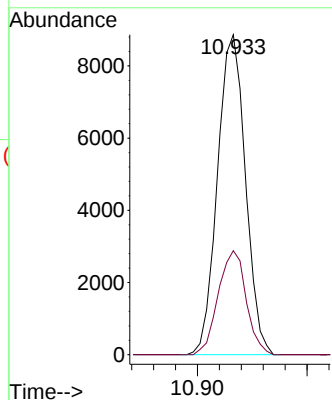
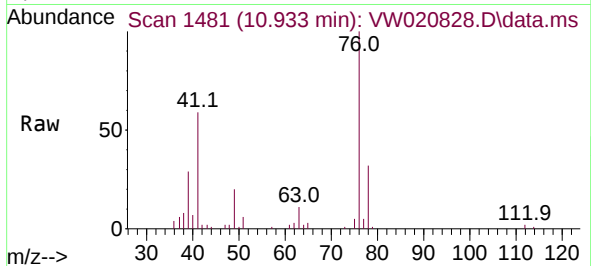
#57
1,3-Dichloropropane
Concen: 13.097 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 15680
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

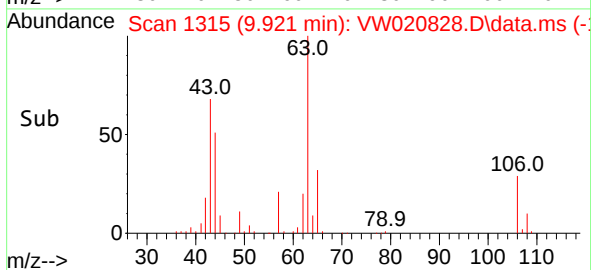
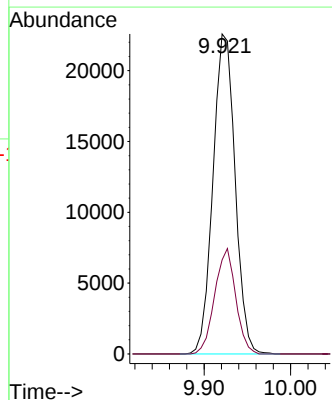
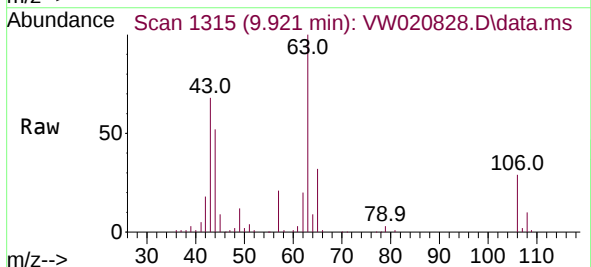
Manual Integrations
APPROVED

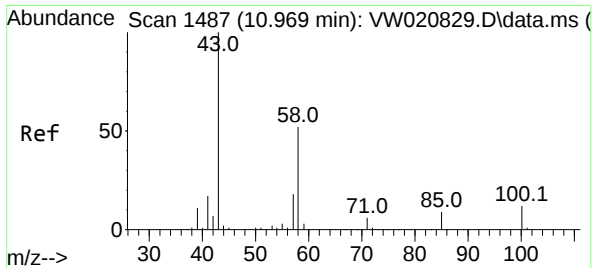
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
2-Chloroethyl Vinyl ether
Concen: 96.573 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

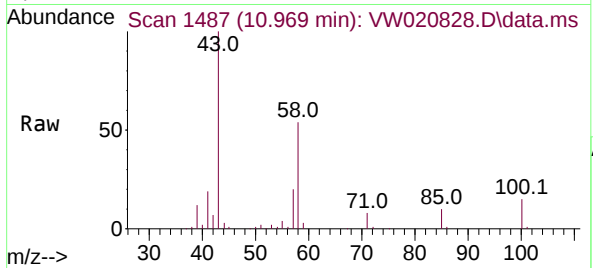
Tgt Ion: 63 Resp: 40104
Ion Ratio Lower Upper
63 100
106 31.2 23.0 34.6





#59
2-Hexanone
Concen: 71.271 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

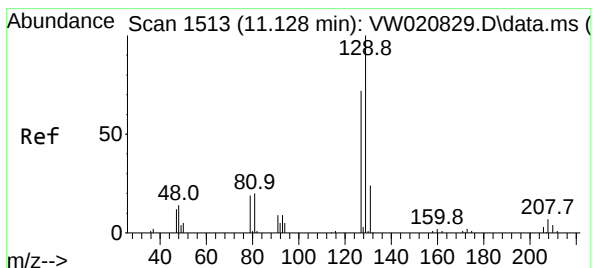
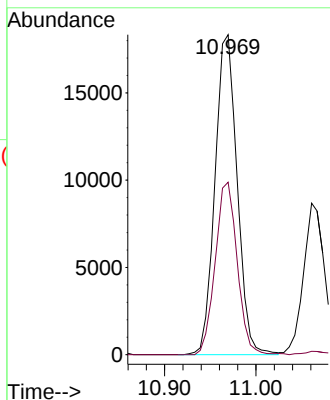
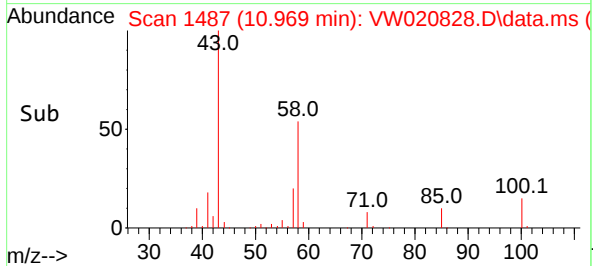
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



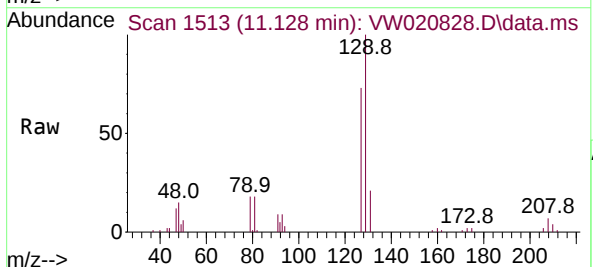
Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
58 53.5 26.4 79.2

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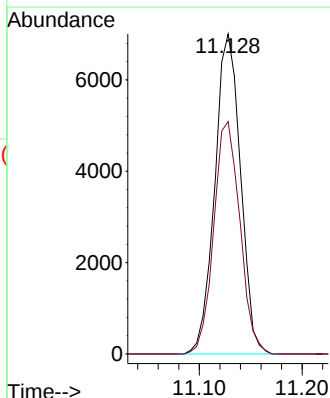
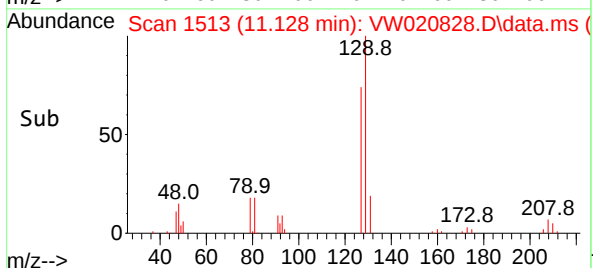
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

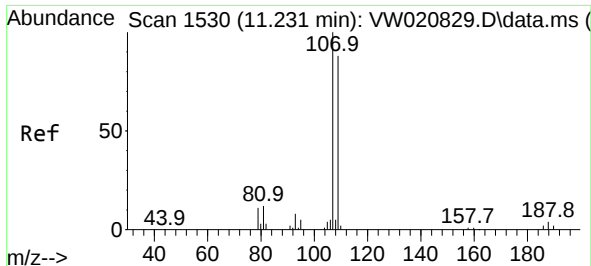


#60
Dibromochloromethane
Concen: 14.764 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion:129 Resp: 12170
Ion Ratio Lower Upper
129 100
127 73.8 38.9 116.6





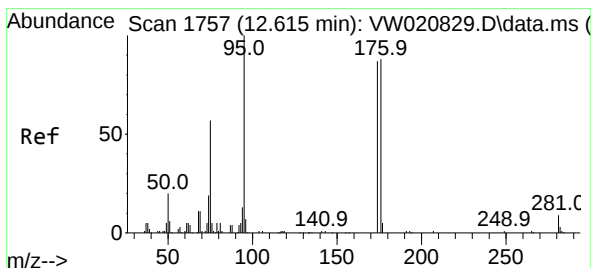
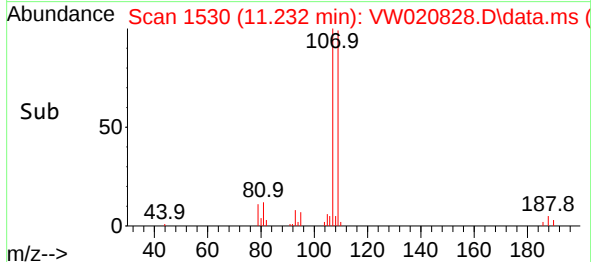
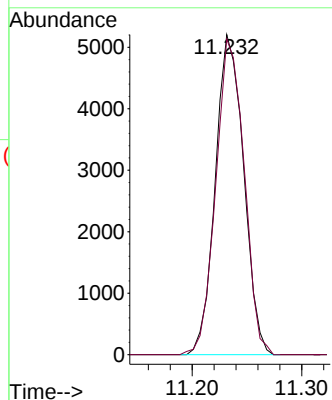
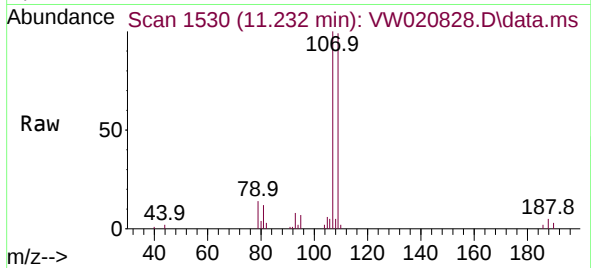
#61
1,2-Dibromoethane
Concen: 14.121 ug/l
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 933
Ion Ratio Lower Upper
107 100
109 98.7 75.4 113.2

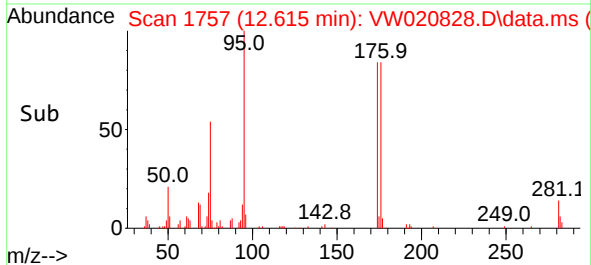
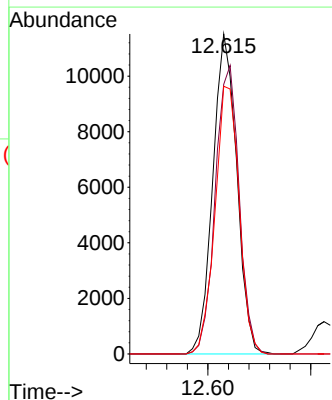
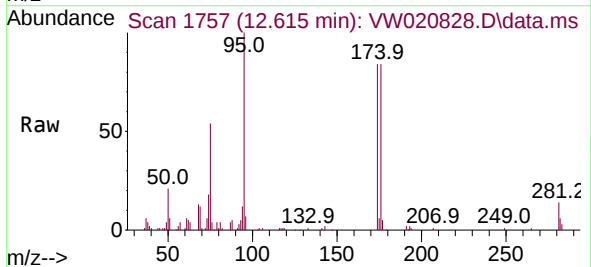
Manual Integrations
APPROVED

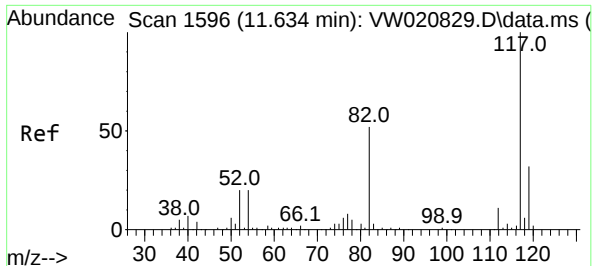
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 15.582 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

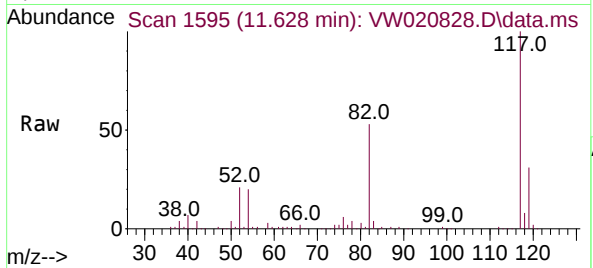
Tgt Ion: 95 Resp: 18568
Ion Ratio Lower Upper
95 100
174 89.6 0.0 166.4
176 84.5 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

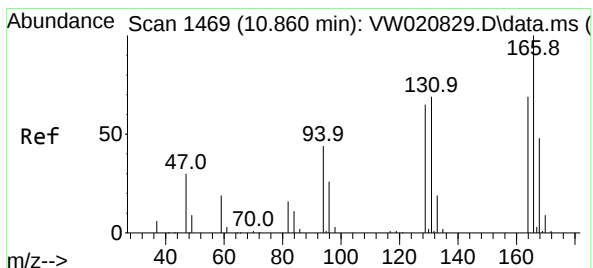
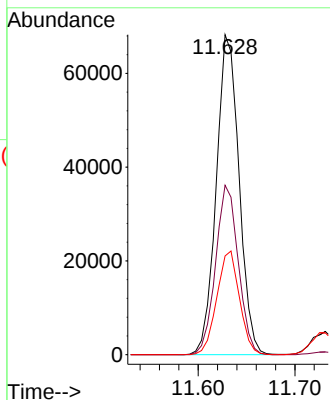
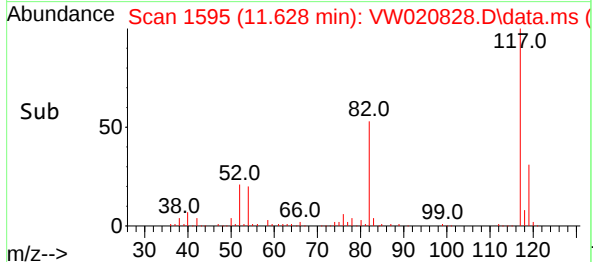
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



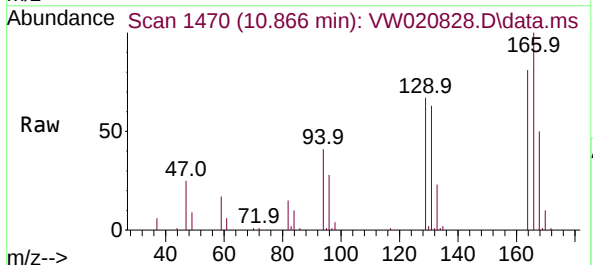
Tgt Ion:117 Resp: 11150
Ion Ratio Lower Upper
117 100
82 52.9 45.6 68.4
119 30.8 25.0 37.4

Manual Integrations
APPROVED

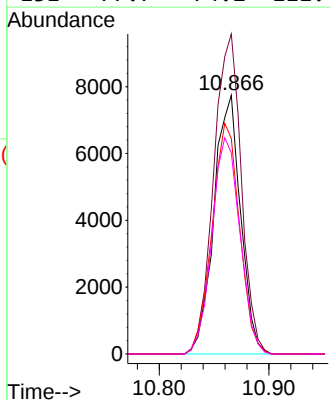
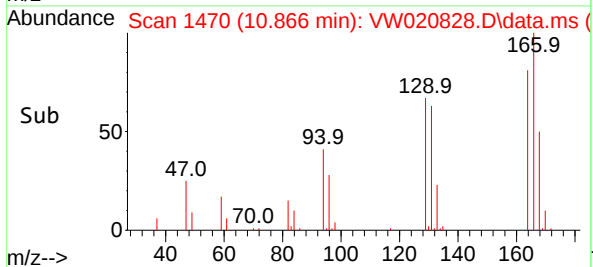
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

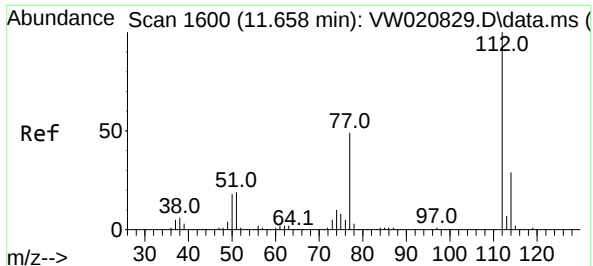


#64
Tetrachloroethene
Concen: 15.320 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion:164 Resp: 13088
Ion Ratio Lower Upper
164 100
166 123.7 110.2 165.4
129 83.3 74.4 111.6
131 77.7 74.2 111.4





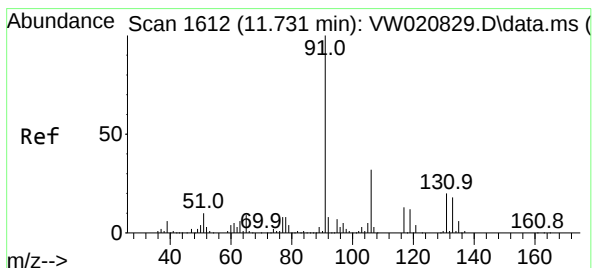
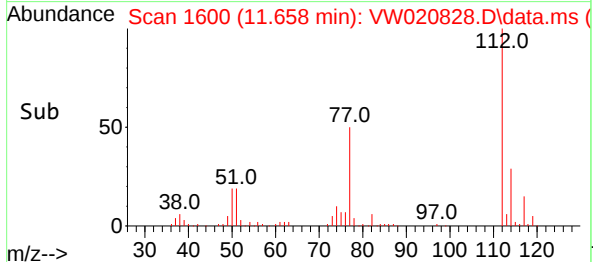
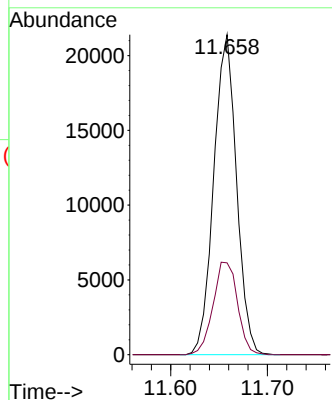
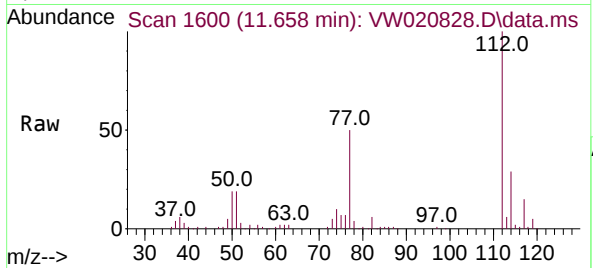
#65
Chlorobenzene
Concen: 14.298 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 34980
Ion Ratio Lower Upper
112 100
114 28.7 27.0 40.6

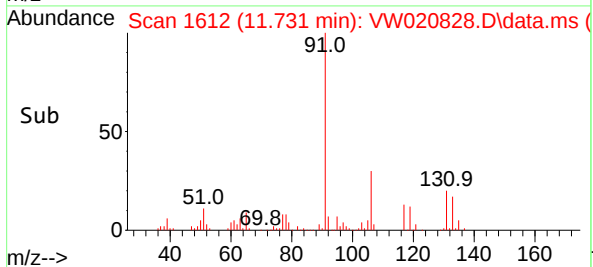
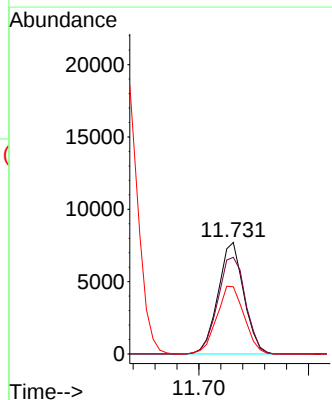
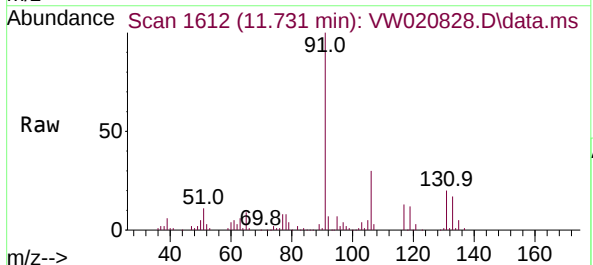
Manual Integrations
APPROVED

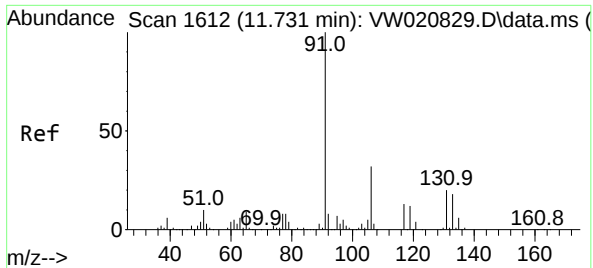
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 14.309 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:131 Resp: 12596
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 64.6 31.6 95.0





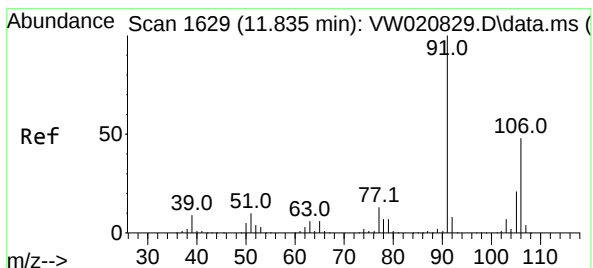
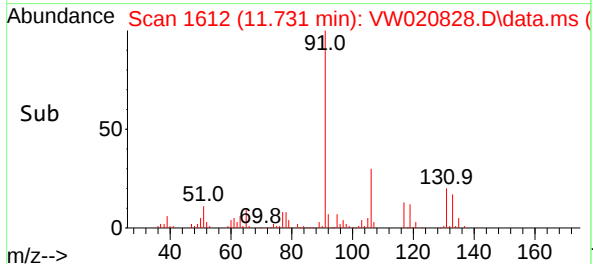
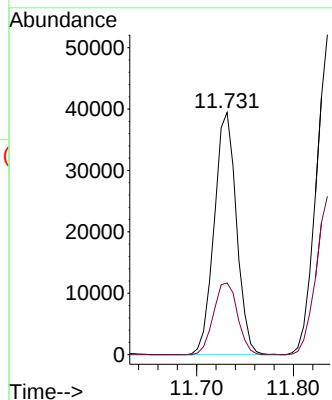
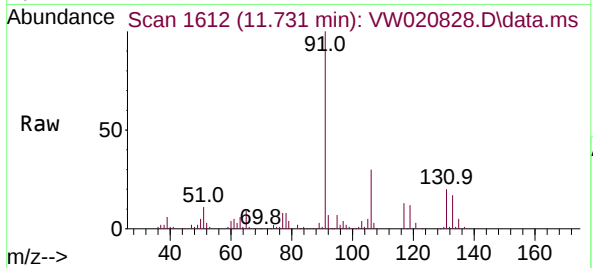
#67
Ethyl Benzene
Concen: 14.322 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 6294
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6

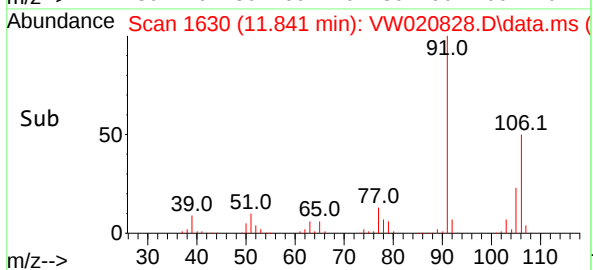
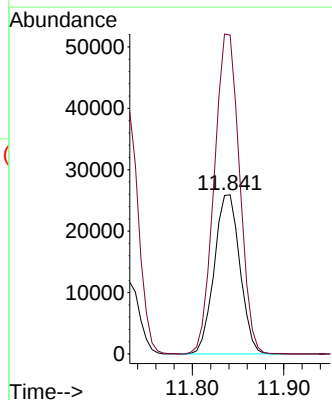
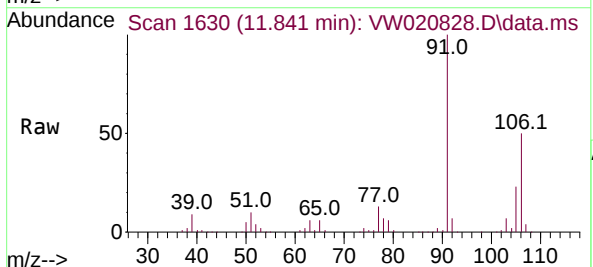
Manual Integrations
APPROVED

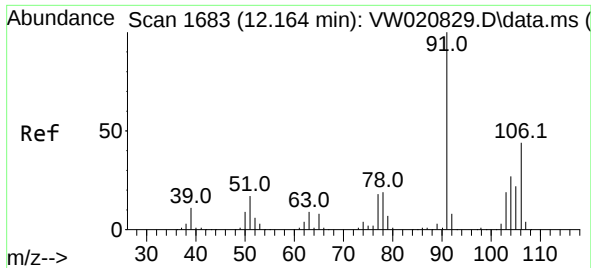
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 29.694 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:106 Resp: 50577
Ion Ratio Lower Upper
106 100
91 198.4 166.4 249.6





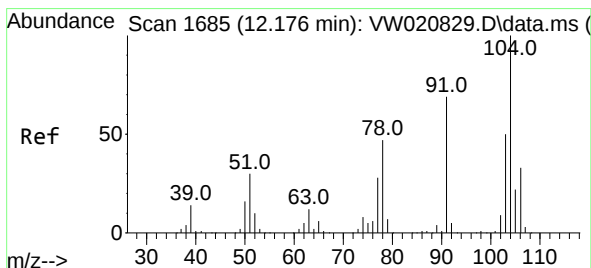
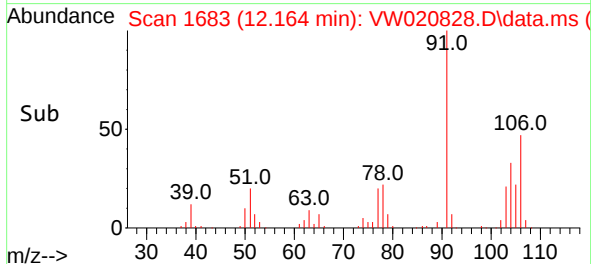
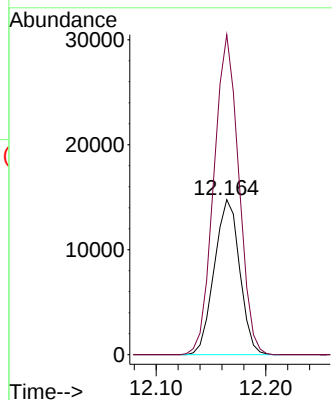
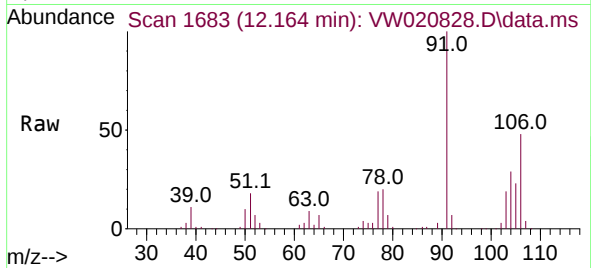
#69
o-Xylene
Concen: 15.150 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 23760
Ion Ratio Lower Upper
106 100
91 202.7 110.9 332.6

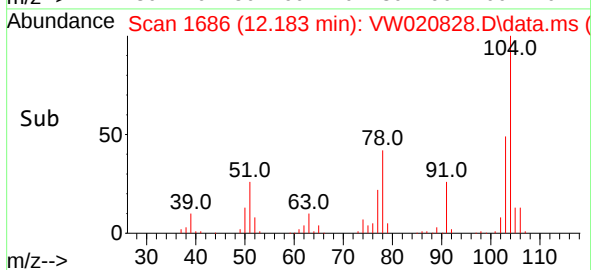
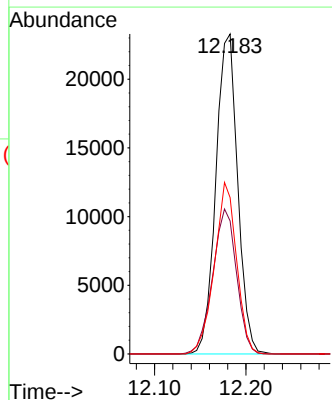
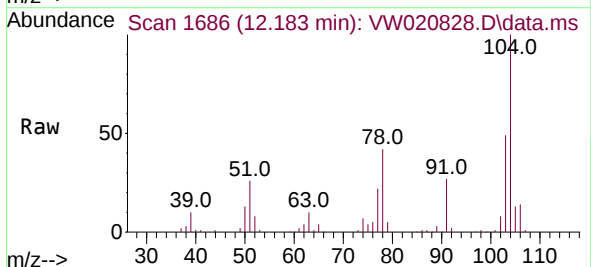
Manual Integrations
APPROVED

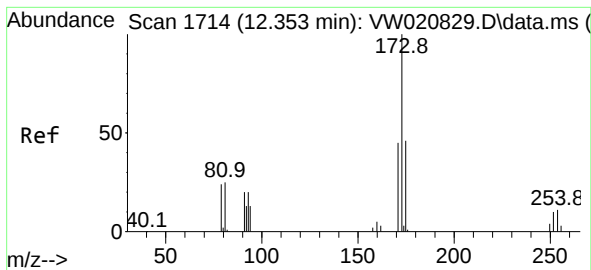
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 14.214 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:104 Resp: 38592
Ion Ratio Lower Upper
104 100
78 49.7 41.4 62.0
103 54.5 43.3 64.9





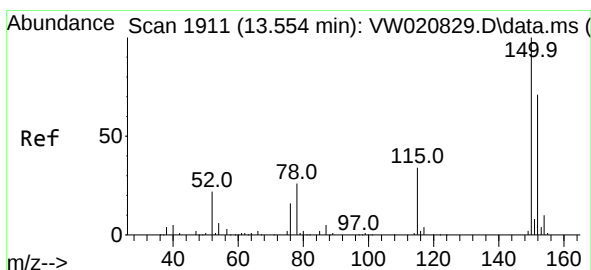
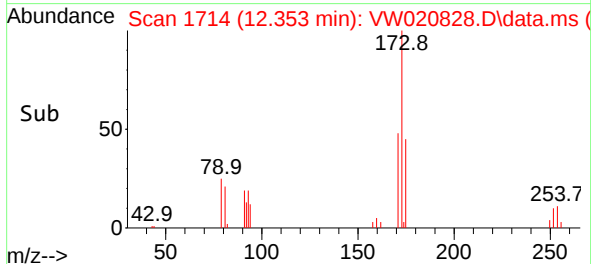
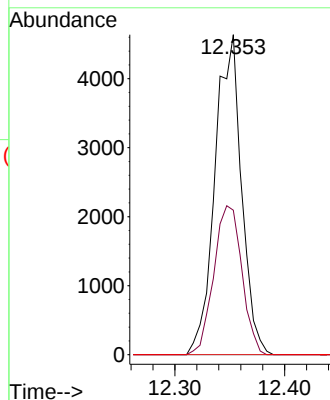
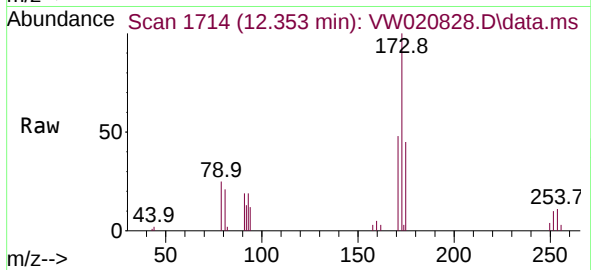
#71
Bromoform
Concen: 15.369 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 778
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

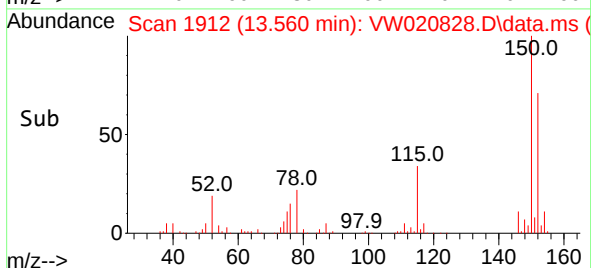
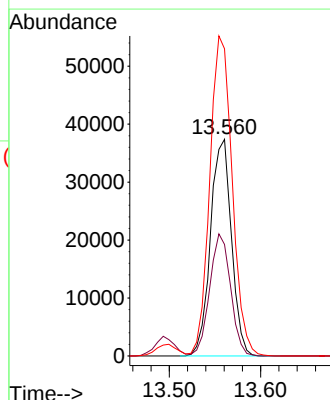
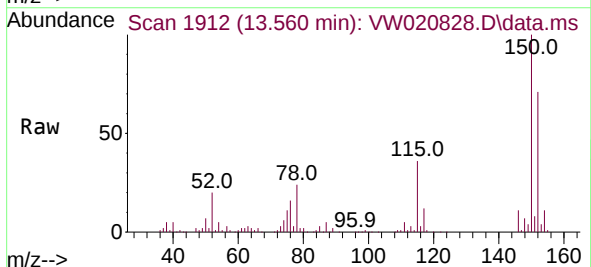
Manual Integrations
APPROVED

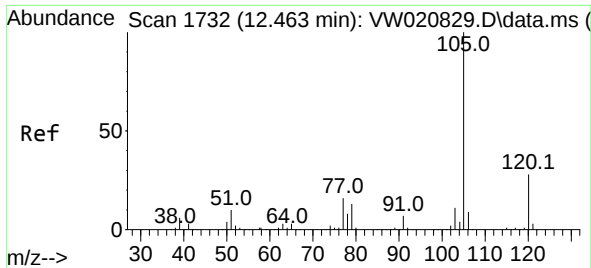
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:152 Resp: 59587
Ion Ratio Lower Upper
152 100
115 55.9 29.6 88.9
150 157.9 0.0 352.6





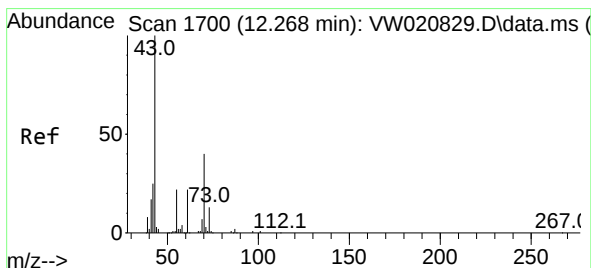
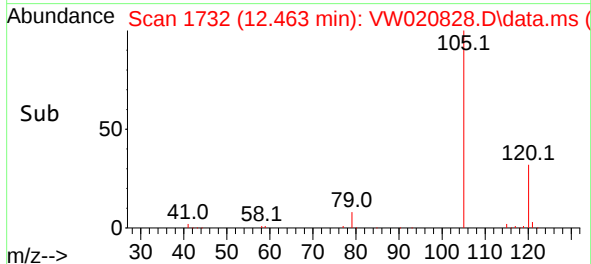
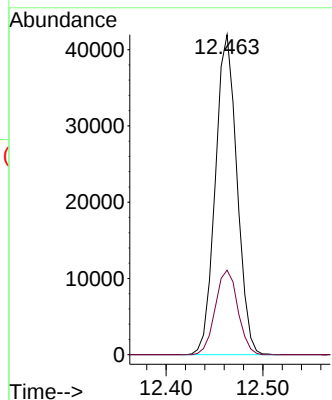
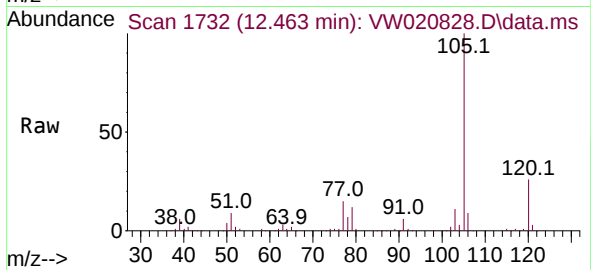
#73
Isopropylbenzene
Concen: 15.030 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 65160
Ion Ratio Lower Upper
105 100
120 27.5 13.0 39.0

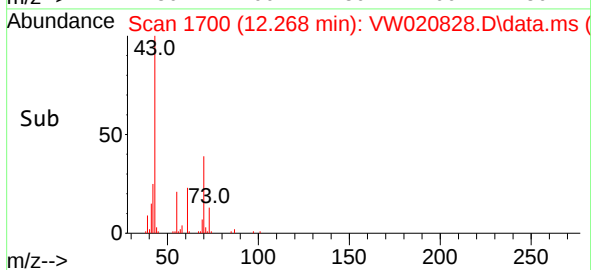
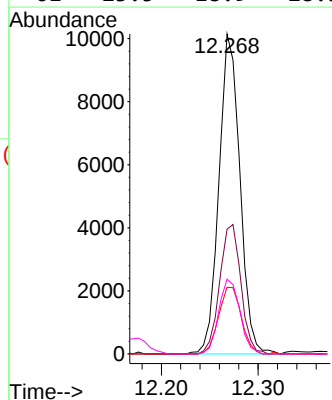
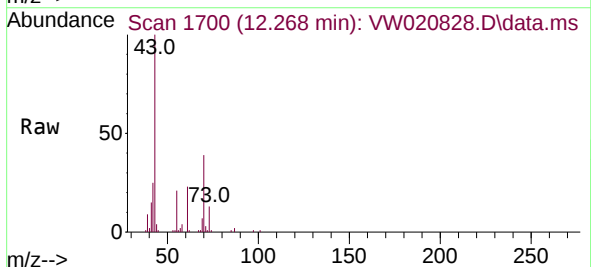
Manual Integrations
APPROVED

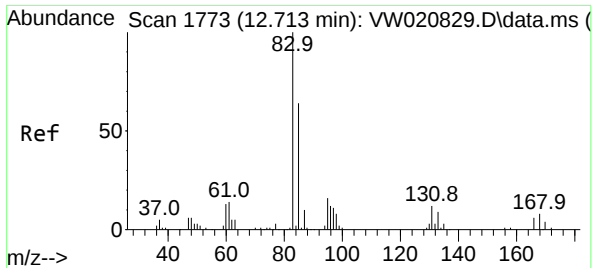
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 14.542 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

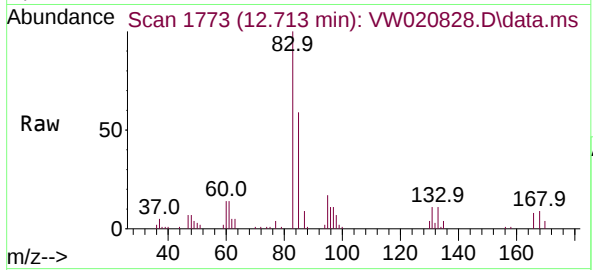
Tgt Ion: 43 Resp: 15246
Ion Ratio Lower Upper
43 100
70 41.0 33.4 50.2
55 22.5 20.1 30.1
61 23.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 13.881 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

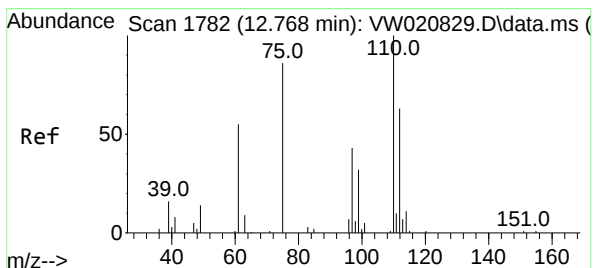
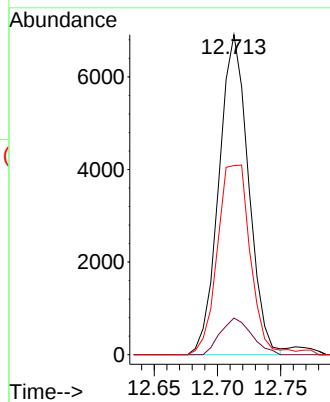
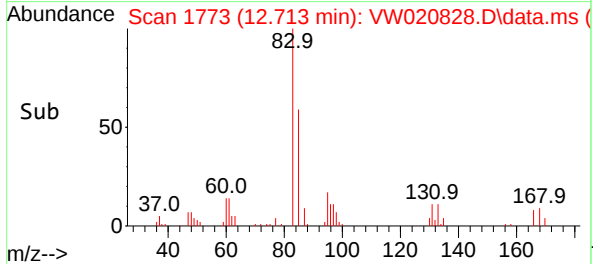
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 11220
Ion Ratio Lower Upper
83 100
131 12.1 5.8 17.3
85 66.8 31.8 95.4

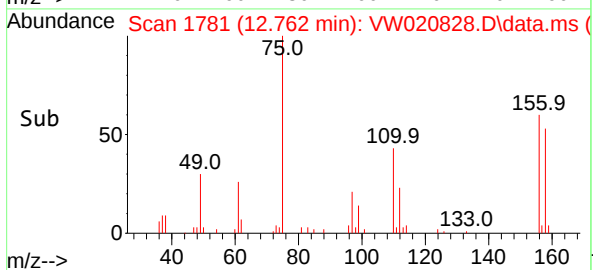
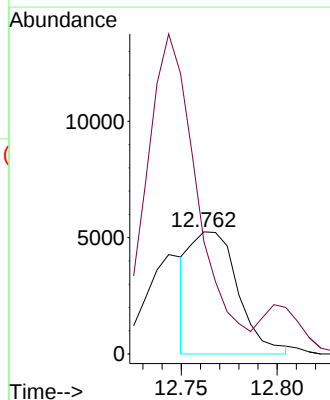
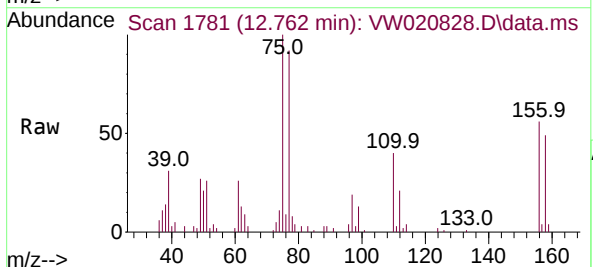
Manual Integrations
APPROVED

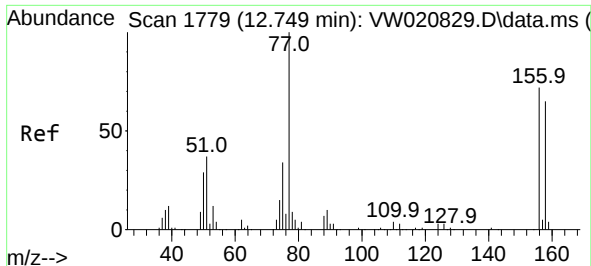
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 14.485 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 75 Resp: 9125
Ion Ratio Lower Upper
75 100
77 281.2 0.0 0.0#





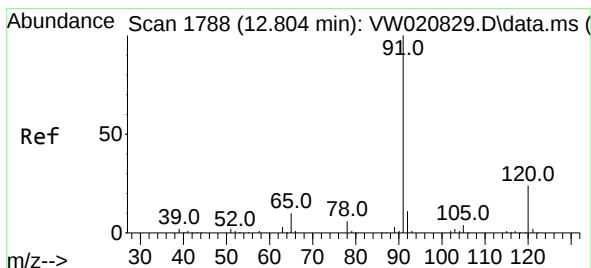
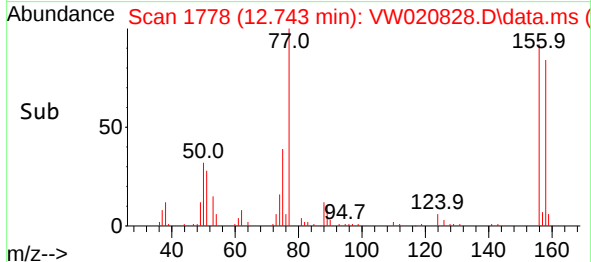
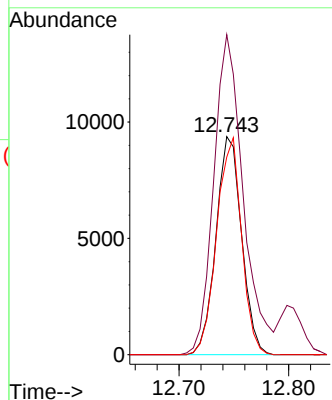
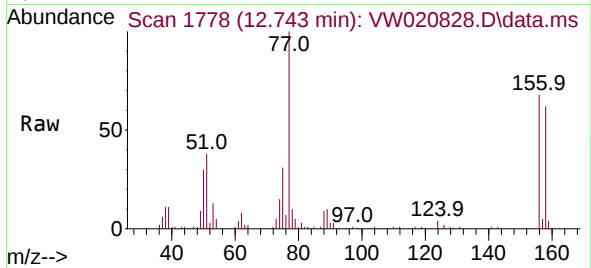
#77
Bromobenzene
Concen: 14.586 ug/l
RT: 12.743 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 15260
Ion Ratio Lower Upper
156 100
77 168.1 91.8 275.6
158 96.5 47.9 143.8

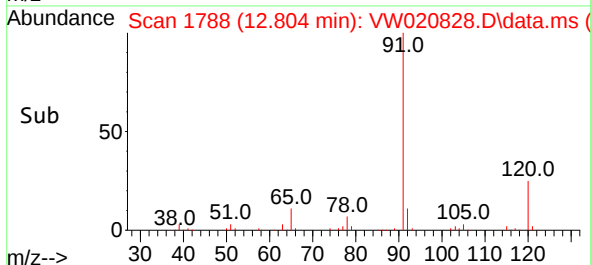
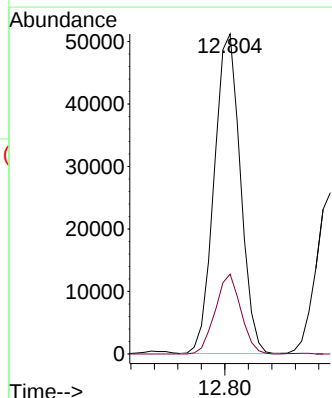
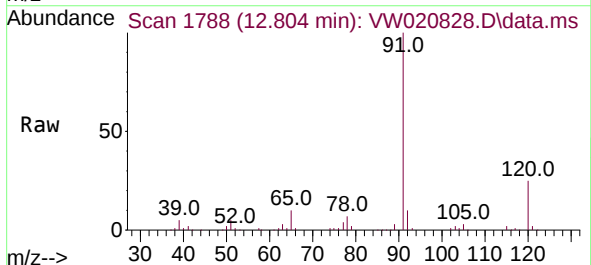
Manual Integrations
APPROVED

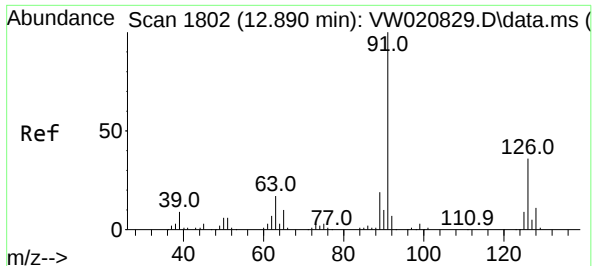
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 14.811 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 91 Resp: 79188
Ion Ratio Lower Upper
91 100
120 24.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 14.034 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 43108

Ion Ratio Lower Upper

91 100

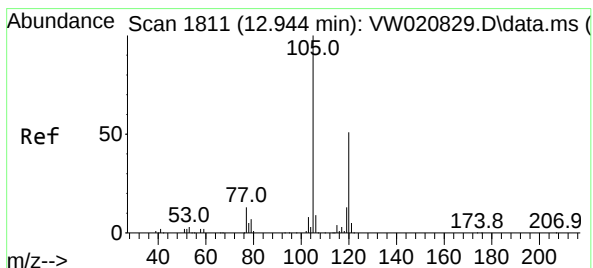
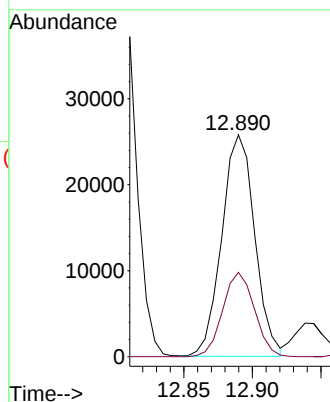
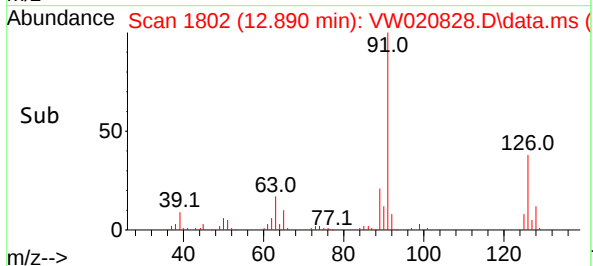
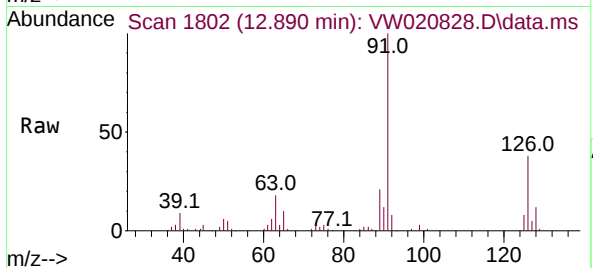
126 36.5 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 14.653 ug/l

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020828.D

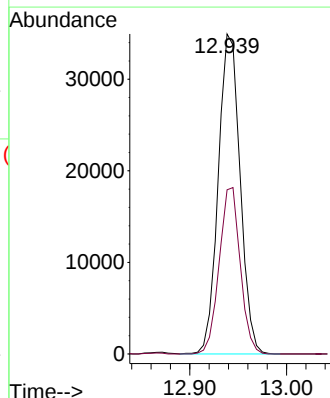
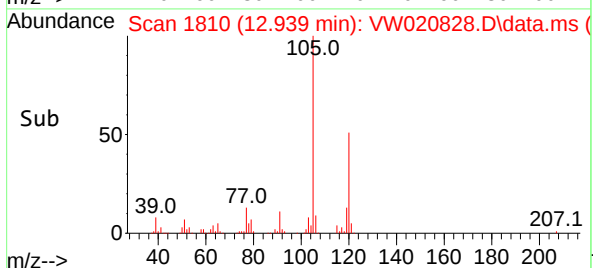
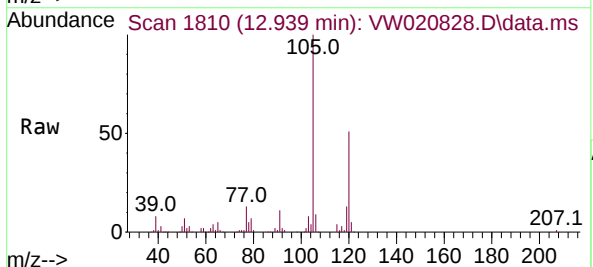
Acq: 10 Nov 2021 11:38

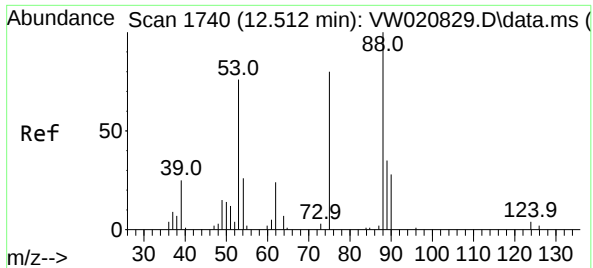
Tgt Ion:105 Resp: 54831

Ion Ratio Lower Upper

105 100

120 50.0 24.3 72.9





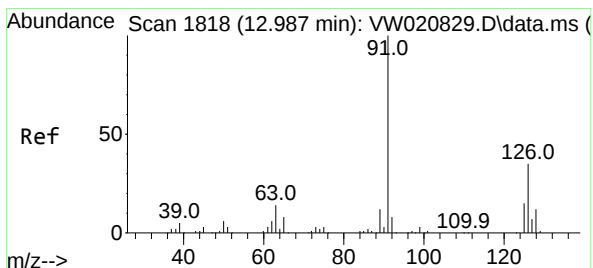
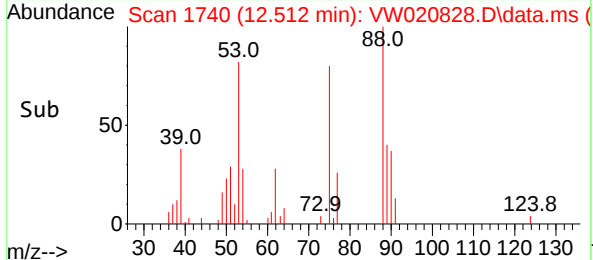
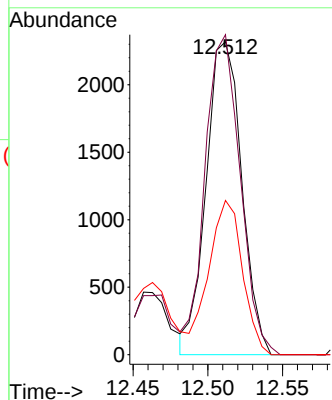
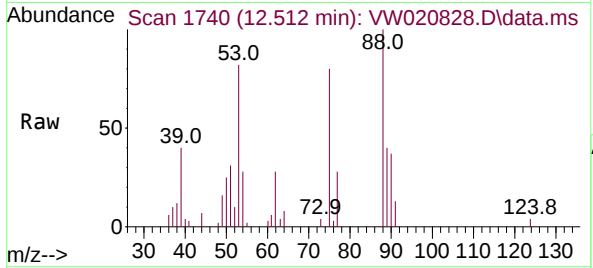
#81
trans-1,4-Dichloro-2-butene
Concen: 14.767 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 384
Ion Ratio Lower Upper
75 100
53 100.7 83.7 125.5
89 46.3 36.7 55.1

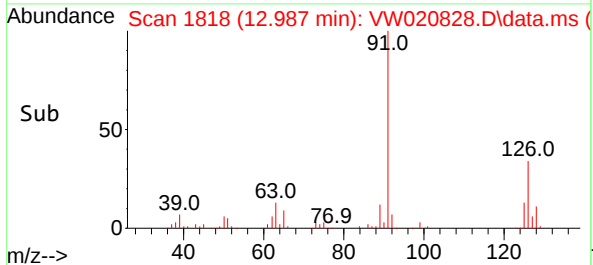
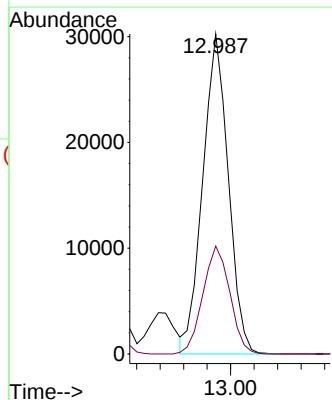
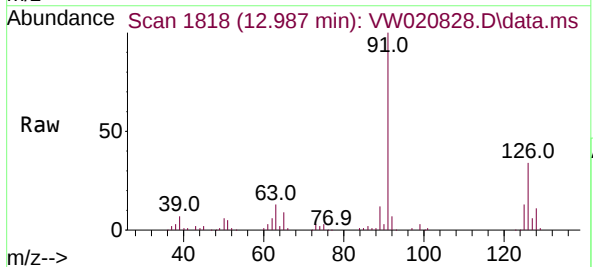
Manual Integrations
APPROVED

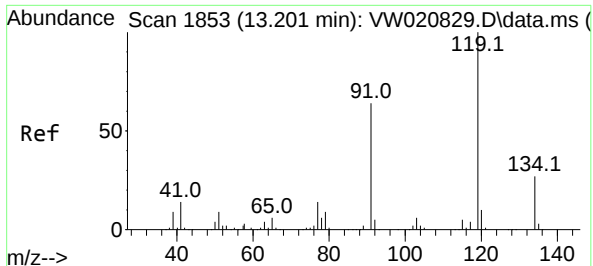
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 14.128 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion: 91 Resp: 45652
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.4





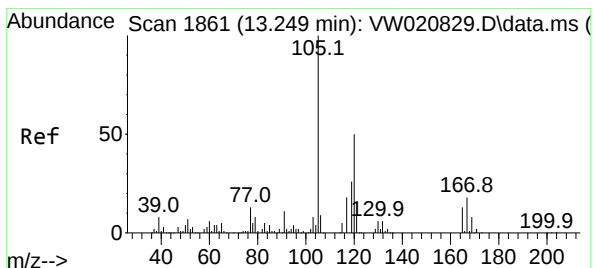
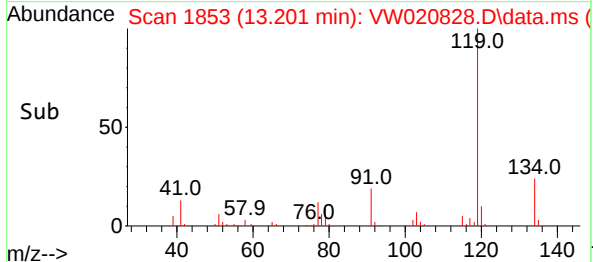
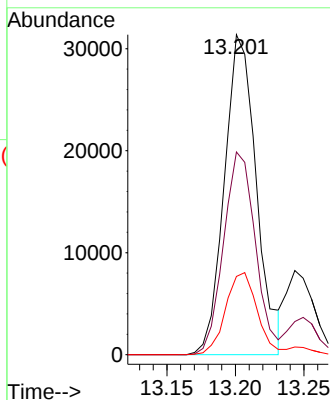
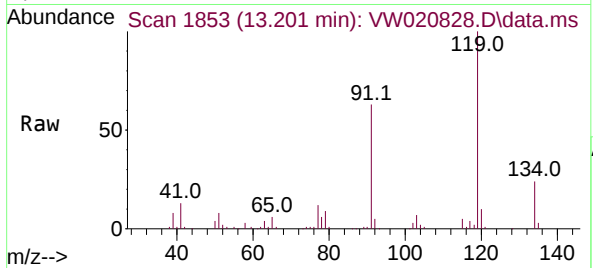
#83
tert-Butylbenzene
Concen: 15.683 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 51020
Ion Ratio Lower Upper
119 100
91 63.1 32.9 98.7
134 25.5 12.4 37.2

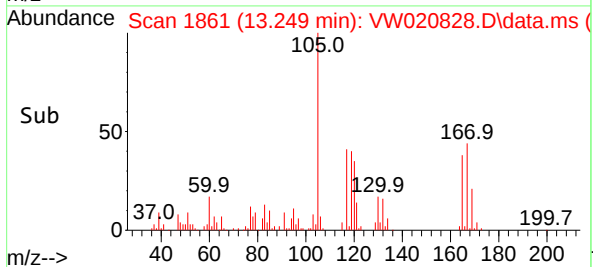
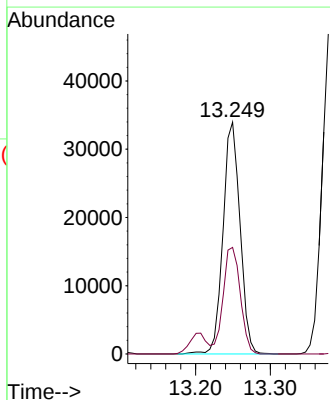
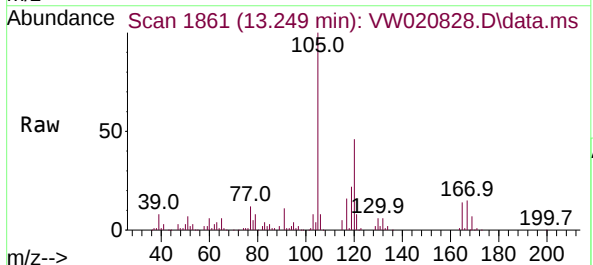
Manual Integrations
APPROVED

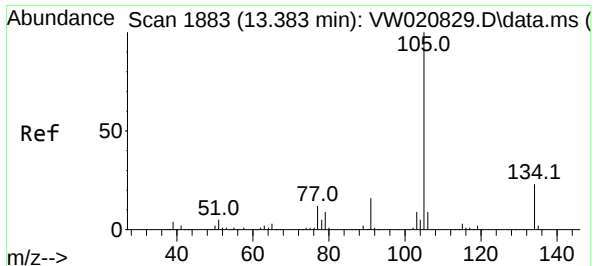
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 14.519 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

Tgt Ion:105 Resp: 53747
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.7





#85

sec-Butylbenzene

Concen: 15.318 ug/l

RT: 13.377 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 73772

Ion Ratio Lower Upper

105 100

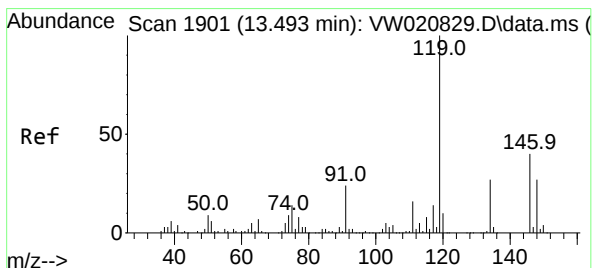
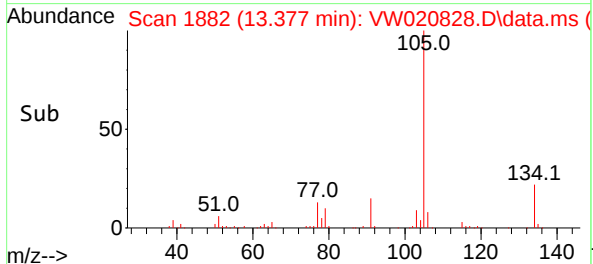
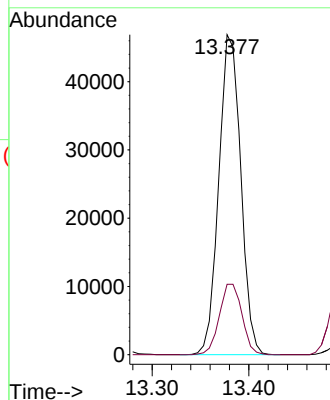
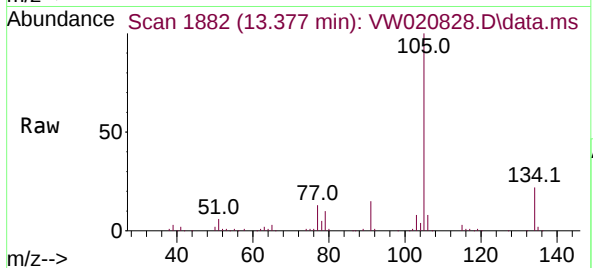
134 22.7 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#86

p-Isopropyltoluene

Concen: 15.294 ug/l

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

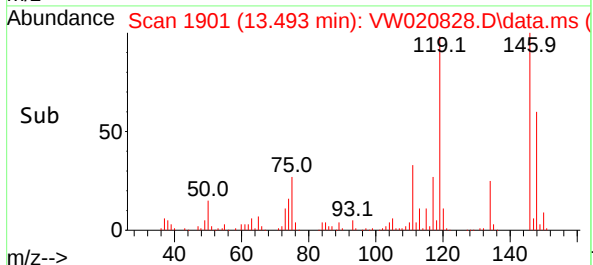
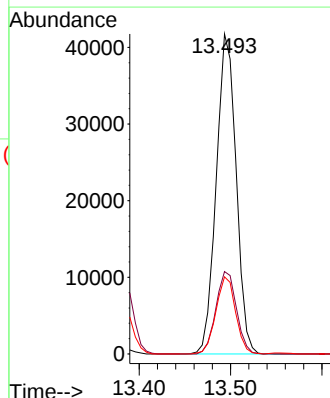
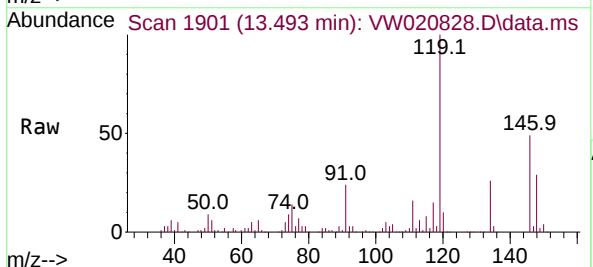
Tgt Ion:119 Resp: 63062

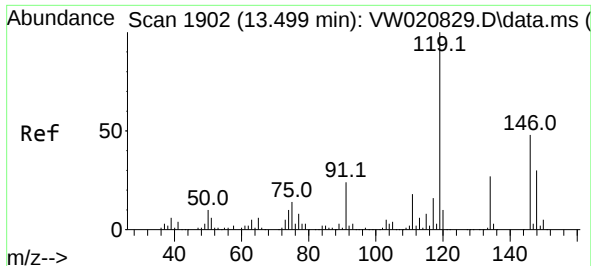
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 14.994 ug/l

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

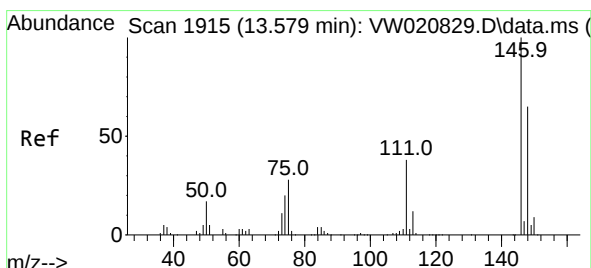
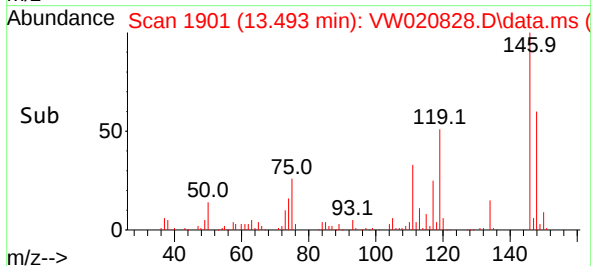
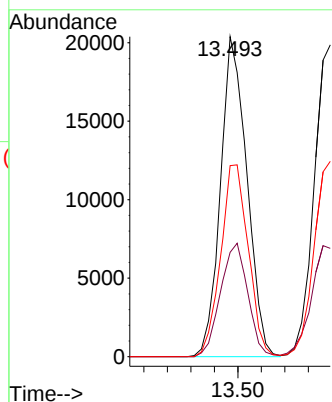
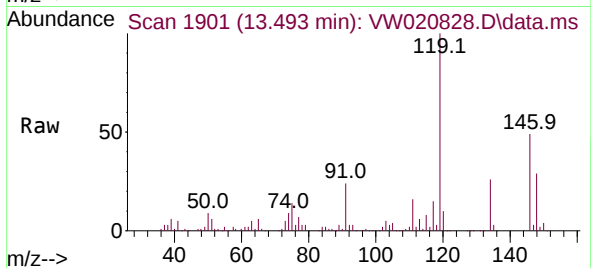
VSTDIC020

Tgt Ion:146	Resp:	3182
Ion Ratio	Lower	Upper
146	100	
111	36.7	19.4 58.2
148	62.7	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: 15.237 ug/l

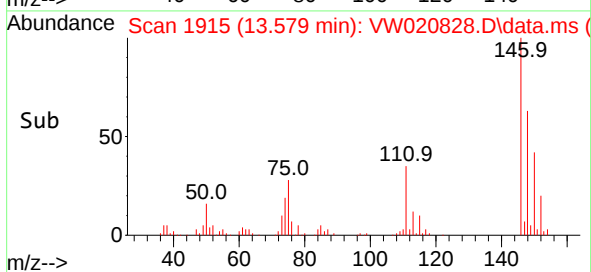
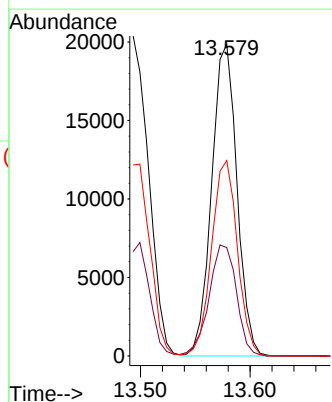
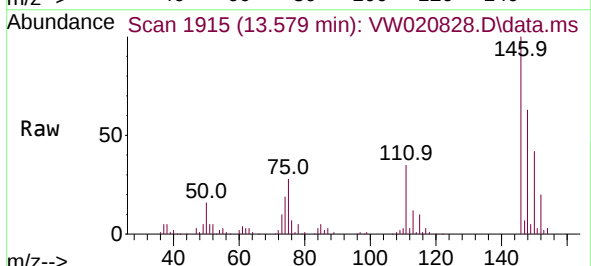
RT: 13.579 min Scan# 1915

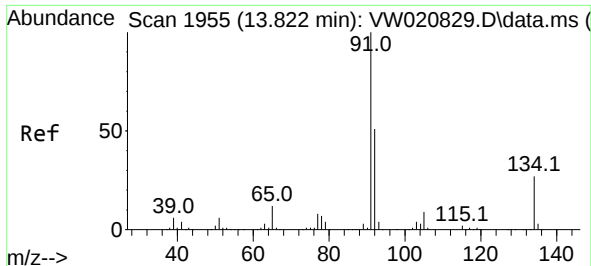
Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Tgt Ion:146	Resp:	31886
Ion Ratio	Lower	Upper
146	100	
111	38.5	19.4 58.4
148	64.0	32.4 97.2





#89

n-Butylbenzene

Concen: 14.877 ug/l

RT: 13.823 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

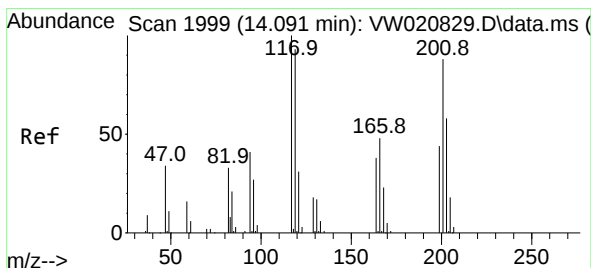
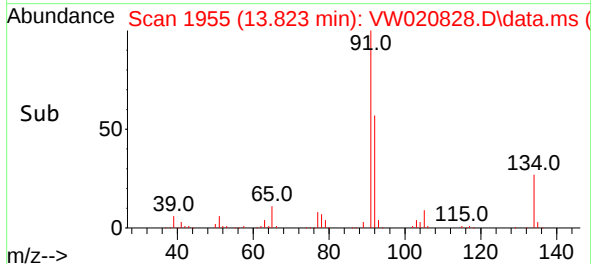
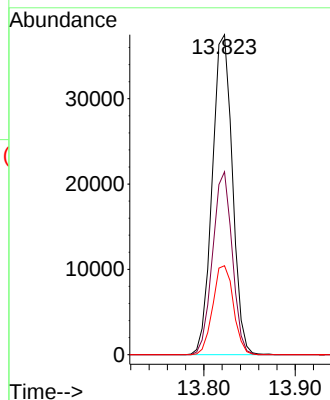
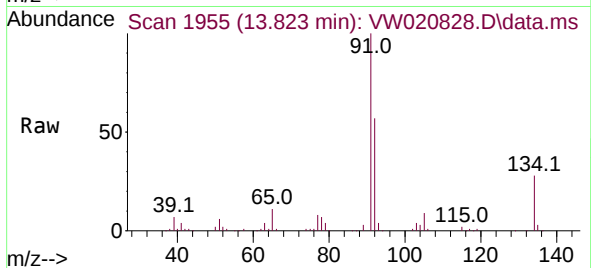
VSTDICC020

Tgt Ion:	91	Resp:	57349
Ion Ratio	Lower	Upper	
91	100		
92	55.7	27.1	81.2
134	28.5	13.4	40.1

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 16.195 ug/l

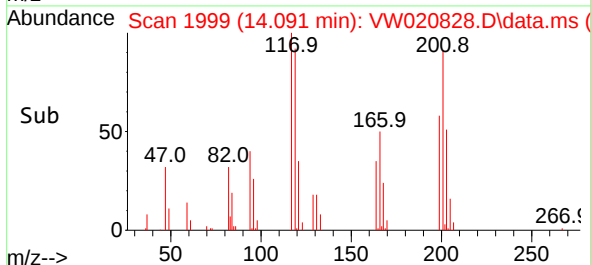
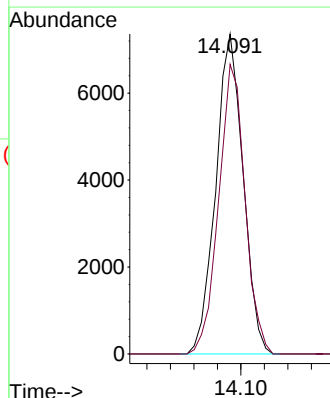
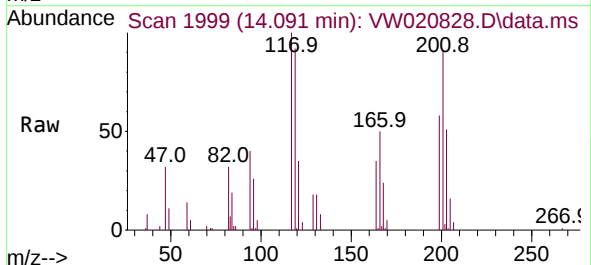
RT: 14.091 min Scan# 1999

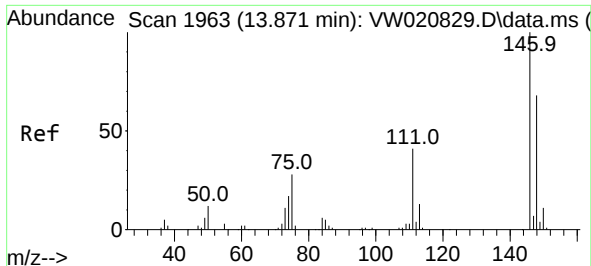
Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Tgt Ion:	117	Resp:	11927
Ion Ratio	Lower	Upper	
117	100		
201	86.9	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 14.487 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

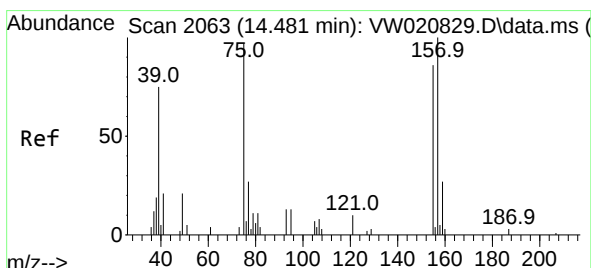
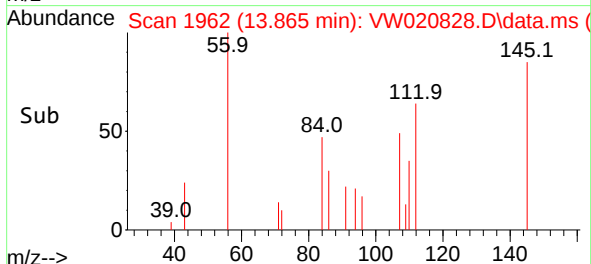
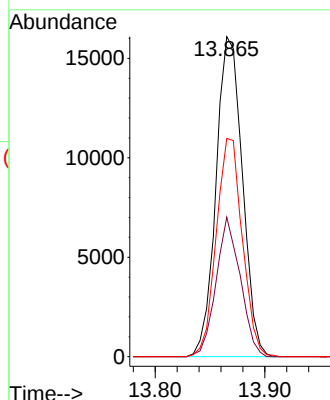
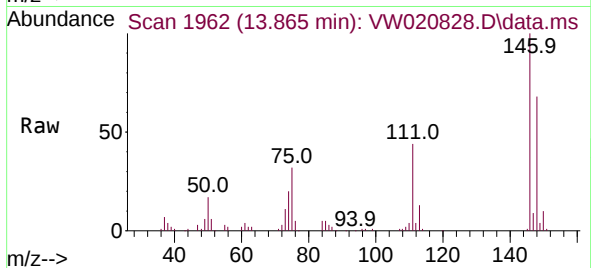
Tgt Ion:146	Resp:	2687
Ion Ratio	Lower	Upper
146	100	
111	40.1	20.4 61.3
148	67.5	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.490 ug/l

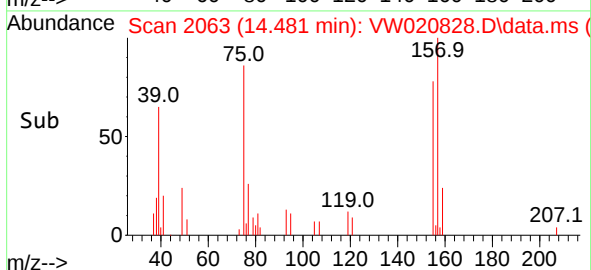
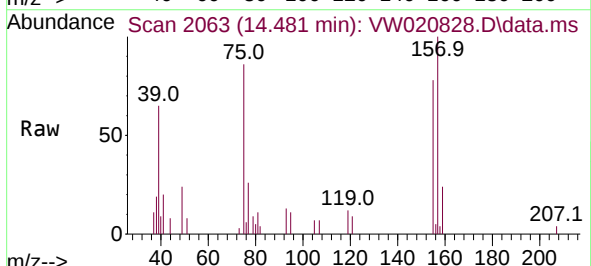
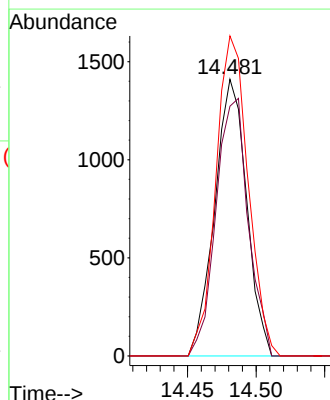
RT: 14.481 min Scan# 2063

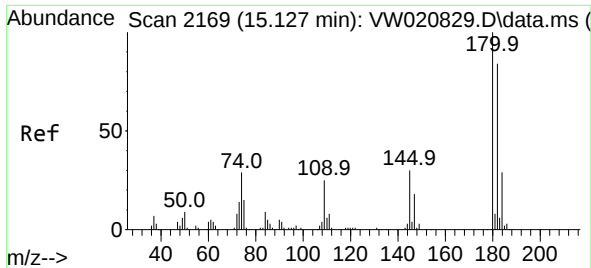
Delta R.T. 0.000 min

Lab File: VW020828.D

Acq: 10 Nov 2021 11:38

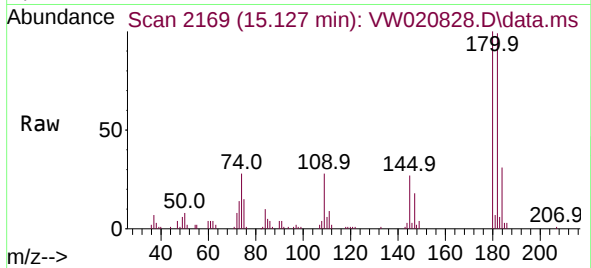
Tgt Ion: 75	Resp:	2280
Ion Ratio	Lower	Upper
75	100	
155	94.4	42.5 127.6
157	117.2	53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 15.528 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

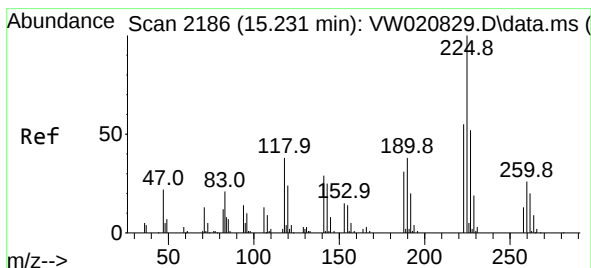
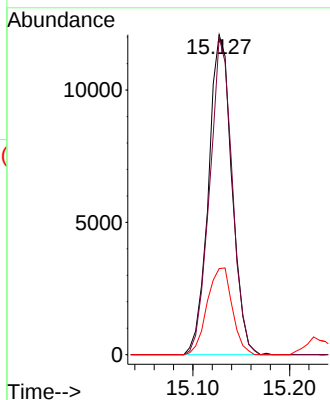
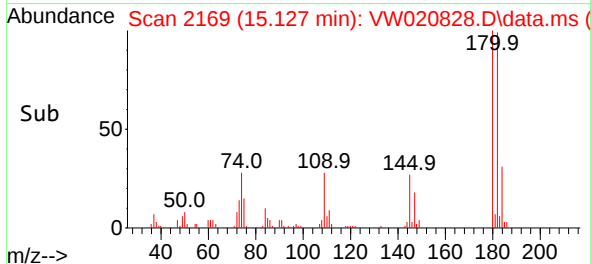
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



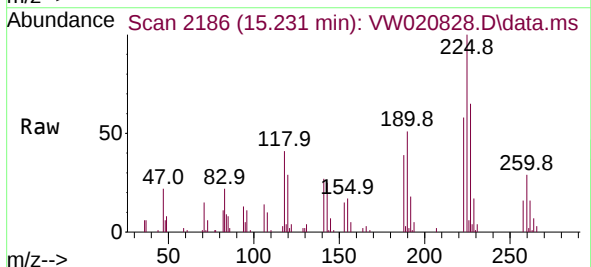
Tgt Ion:180 Resp: 2030
Ion Ratio Lower Upper
180 100
182 95.4 49.4 148.2
145 29.0 15.2 45.6

Manual Integrations
APPROVED

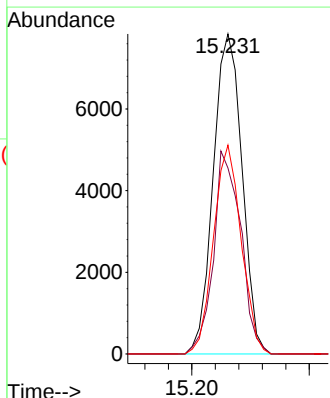
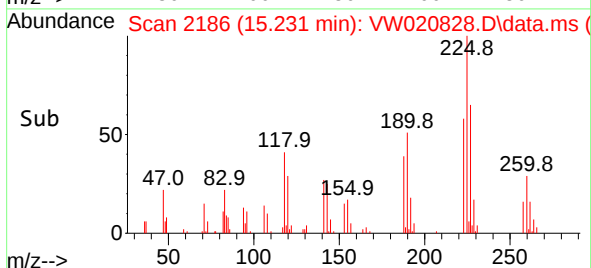
Reviewed By :Vimala Arumugam 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021

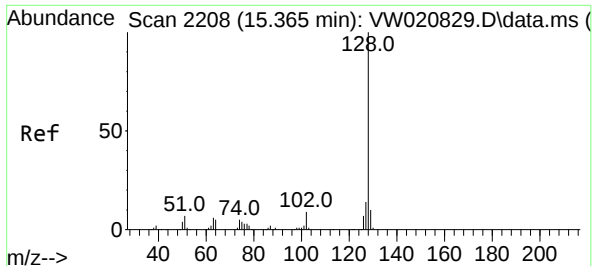


#94
Hexachlorobutadiene
Concen: 16.087 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



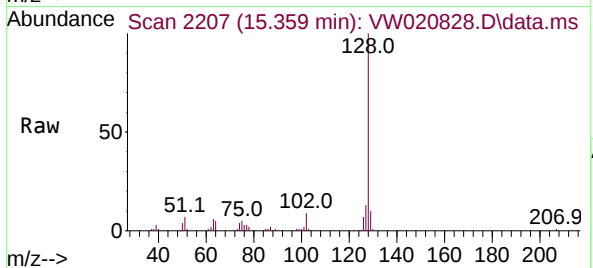
Tgt Ion:225 Resp: 13321
Ion Ratio Lower Upper
225 100
223 60.1 29.8 89.5
227 62.9 32.8 98.4





#95
Naphthalene
Concen: 17.057 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38

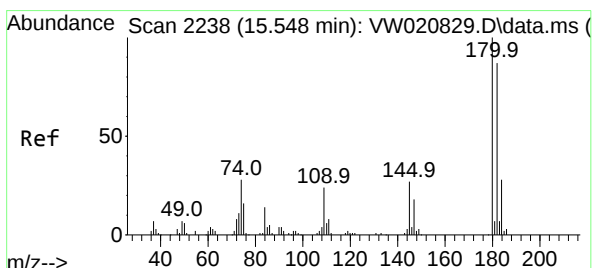
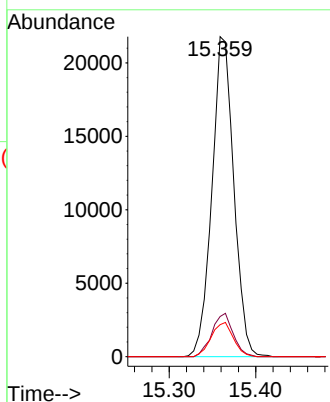
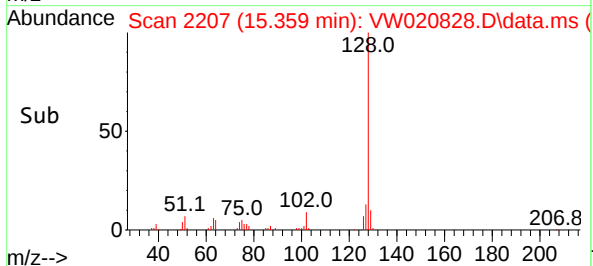
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



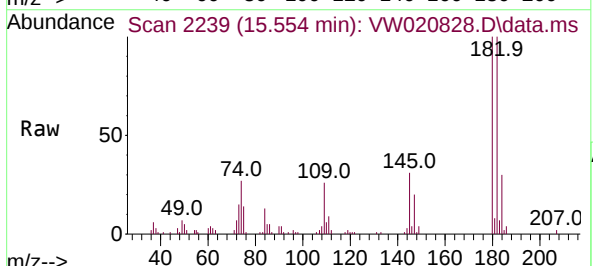
Tgt Ion:128 Resp: 3819
Ion Ratio Lower Upper
128 100
127 13.2 11.1 16.7
129 10.9 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.127 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020828.D
Acq: 10 Nov 2021 11:38



Tgt Ion:180 Resp: 17127
Ion Ratio Lower Upper
180 100
182 91.3 46.4 139.2
145 31.9 15.7 47.0

