

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020922.D
 Acq On : 18 Nov 2021 12:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 17:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	82632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	122917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	107227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36167	47.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.500%		
35) Dibromofluoromethane	7.884	113	36468	47.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.600%		
50) Toluene-d8	10.323	98	136776	48.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.621	95	49470	46.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8859	46.050	ug/l	98
3) Chloromethane	2.208	50	23881	50.203	ug/l	96
4) Vinyl Chloride	2.355	62	44079	52.624	ug/l	100
5) Bromomethane	2.763	94	33200	61.579	ug/l	99
6) Chloroethane	2.909	64	18872	58.452	ug/l	98
7) Trichlorofluoromethane	3.251	101	21109	60.764	ug/l	97
8) Diethyl Ether	3.684	74	17267	47.324	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	38678	53.970	ug/l	99
10) Methyl Iodide	4.269	142	56028	51.832	ug/l	96
11) Tert butyl alcohol	5.177	59	13548	200.906	ug/l #	87
12) 1,1-Dichloroethene	4.037	96	36761	52.346	ug/l	94
13) Acrolein	3.903	56	3031	247.286	ug/l	98
14) Allyl chloride	4.665	41	50096	49.686	ug/l	99
15) Acrylonitrile	5.366	53	37232	235.853	ug/l	99
16) Acetone	4.129	43	45111	283.523	ug/l	96
17) Carbon Disulfide	4.379	76	101477	52.585	ug/l	100
18) Methyl Acetate	4.665	43	24664	44.425	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	57453	47.475	ug/l	99
20) Methylene Chloride	4.915	84	38095	49.411	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	41584	52.017	ug/l	94
22) Diisopropyl ether	6.311	45	100341	48.504	ug/l	98
23) Vinyl Acetate	6.256	43	297787	245.985	ug/l	99
24) 1,1-Dichloroethane	6.214	63	66933	50.856	ug/l	97
25) 2-Butanone	7.171	43	56196	248.679	ug/l	93
26) 2,2-Dichloropropane	7.165	77	48141	51.549	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	44622	49.965	ug/l	99
28) Bromochloromethane	7.512	49	26086	46.839	ug/l	98
29) Tetrahydrofuran	7.531	42	31309	228.462	ug/l	98
30) Chloroform	7.677	83	73406	50.696	ug/l	99
31) Cyclohexane	7.957	56	62670	49.080	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	64196	52.508	ug/l	99
36) 1,1-Dichloropropene	8.079	75	57916	52.449	ug/l	100
37) Ethyl Acetate	7.250	43	22875	45.416	ug/l	99
38) Carbon Tetrachloride	8.067	117	63097	53.715	ug/l	98
39) Methylcyclohexane	9.335	83	72435	52.246	ug/l	98
40) Benzene	8.323	78	157798	50.119	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	13507	50.295	ug/l	95
42) 1,2-Dichloroethane	8.396	62	46086	48.254	ug/l	99
43) Isopropyl Acetate	8.427	43	46635	47.179	ug/l	99
44) Trichloroethene	9.091	130	47520	51.729	ug/l	97
45) 1,2-Dichloropropane	9.366	63	35518	48.984	ug/l	97
46) Dibromomethane	9.457	93	22162	48.242	ug/l	98
47) Bromodichloromethane	9.646	83	53586	49.302	ug/l	99
48) Methyl methacrylate	9.439	41	21477	48.842	ug/l	96
49) 1,4-Dioxane	9.457	88	5961	900.503	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	115099	228.698	ug/l	99
52) Toluene	10.390	92	102398	50.595	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	53039	49.148	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	60447	49.497	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	29403	47.740	ug/l	94
56) Ethyl methacrylate	10.646	69	37697	48.066	ug/l	100
57) 1,3-Dichloropropane	10.932	76	49762	47.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.920	63	90447	229.155	ug/l	100
59) 2-Hexanone	10.969	43	86275	246.426	ug/l	100
60) Dibromochloromethane	11.128	129	39410	50.755	ug/l	98
61) 1,2-Dibromoethane	11.237	107	29730	48.651	ug/l	97
64) Tetrachloroethene	10.865	164	41707	52.355	ug/l	88
65) Chlorobenzene	11.658	112	112416	52.146	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	42965	53.600	ug/l	98
67) Ethyl Benzene	11.731	91	202825	53.612	ug/l	95
68) m/p-Xylenes	11.835	106	161367	105.505	ug/l	98
69) o-Xylene	12.164	106	76206	53.135	ug/l	99
70) Styrene	12.182	104	124902	51.853	ug/l	97
71) Bromoform	12.347	173	23906	51.595	ug/l #	96
73) Isopropylbenzene	12.463	105	205380	53.208	ug/l	99
74) N-amyl acetate	12.274	43	45401	49.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	33502	49.750	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	21870m	43.094	ug/l	
77) Bromobenzene	12.749	156	46887	50.010	ug/l	98
78) n-propylbenzene	12.804	91	247301	54.396	ug/l	99
79) 2-Chlorotoluene	12.889	91	140901	53.624	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	174598	52.747	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	10860	50.337	ug/l	99
82) 4-Chlorotoluene	12.987	91	146096	52.430	ug/l	97
83) tert-Butylbenzene	13.206	119	154509	52.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	173865	53.192	ug/l	99
85) sec-Butylbenzene	13.383	105	227787	53.502	ug/l	99
86) p-Isopropyltoluene	13.499	119	197746	53.876	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	101053	53.182	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	97270	50.942	ug/l	96
89) n-Butylbenzene	13.822	91	180453	54.755	ug/l	99
90) Hexachloroethane	14.090	117	37012	53.545	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	87795	52.593	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5882	49.740	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	63039	52.995	ug/l	97
94) Hexachlorobutadiene	15.237	225	34093	50.540	ug/l	93
95) Naphthalene	15.365	128	108098	49.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.547	180	51987	49.562	ug/l	96

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

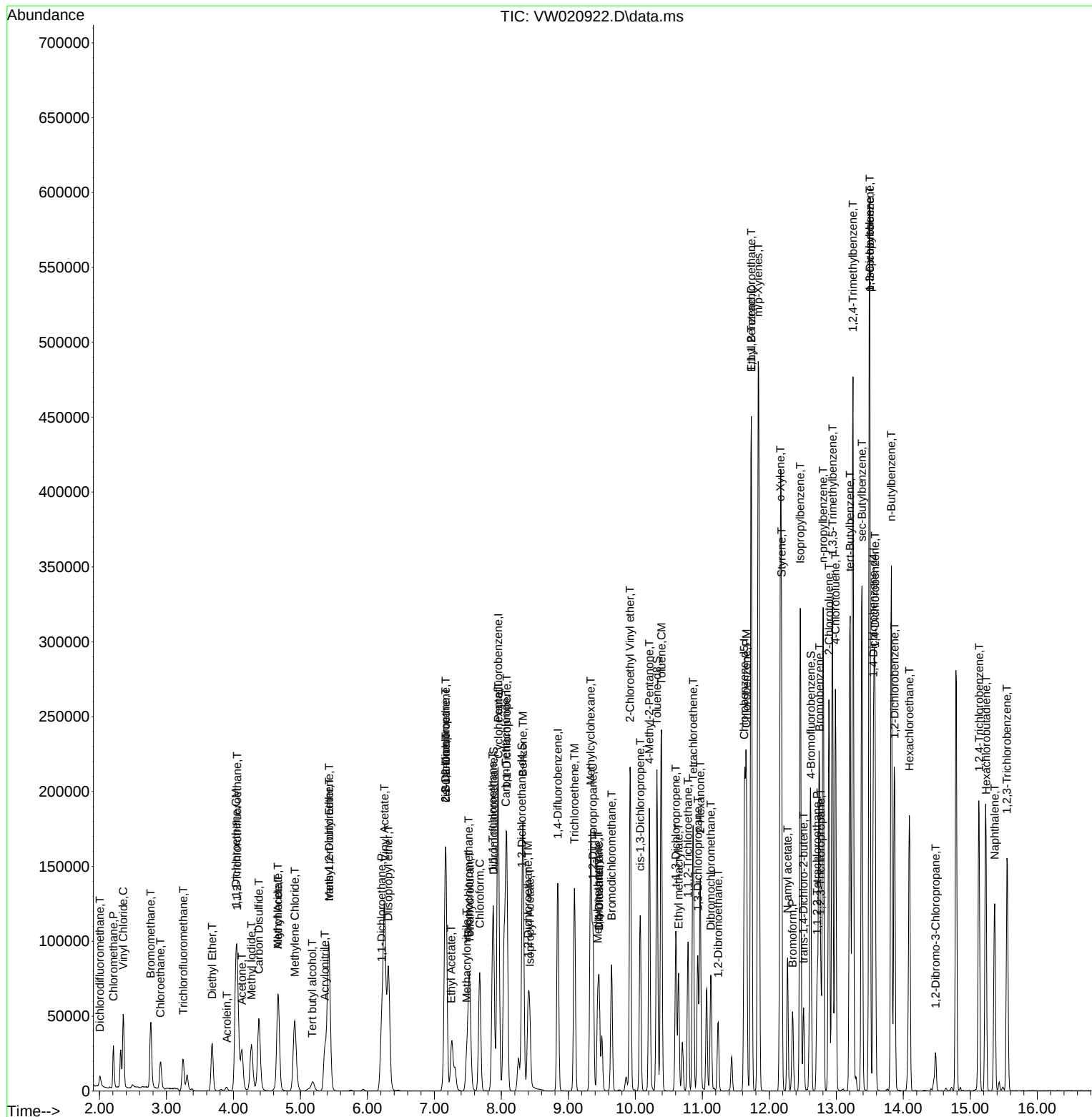
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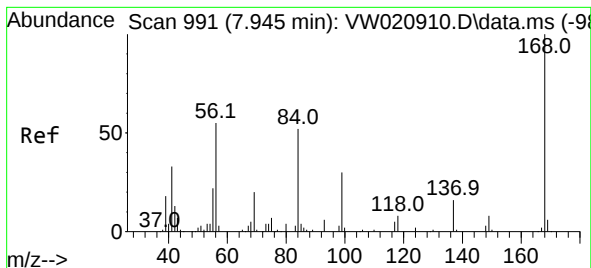
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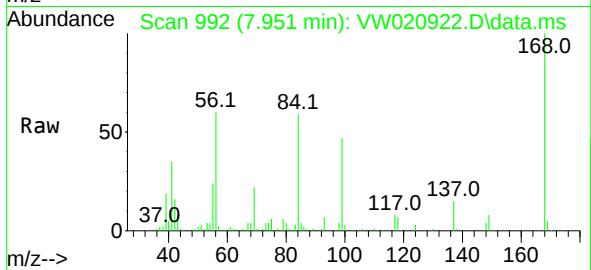
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW020922.D
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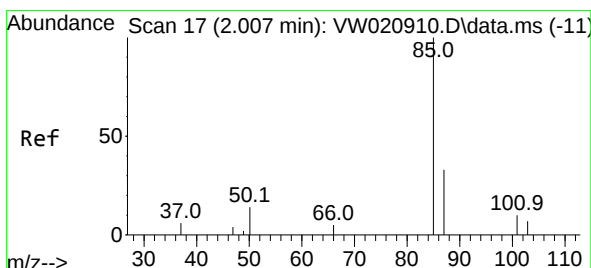
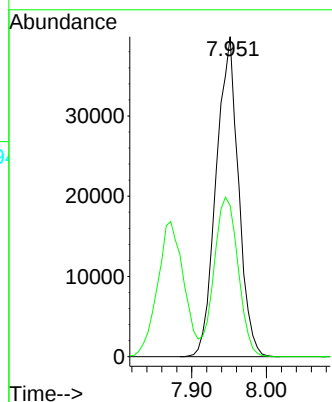
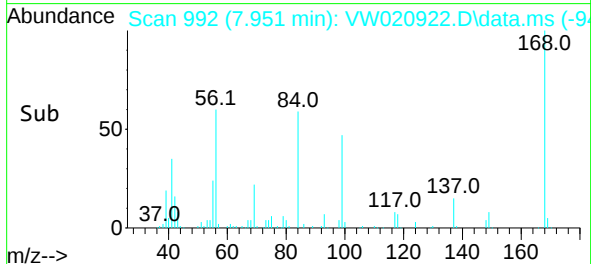
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 8263
Ion Ratio Lower Upper
168 100
99 47.2 41.6 62.4

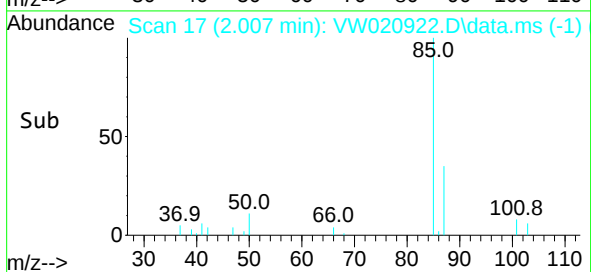
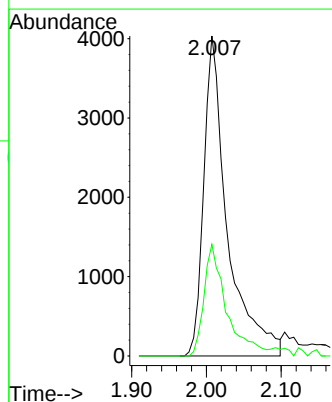
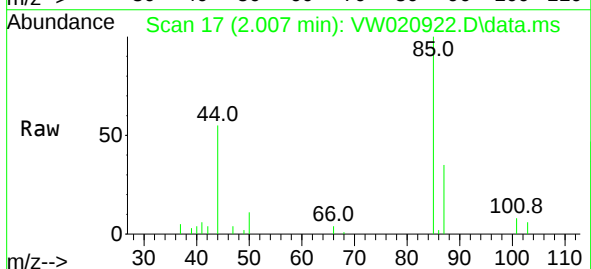
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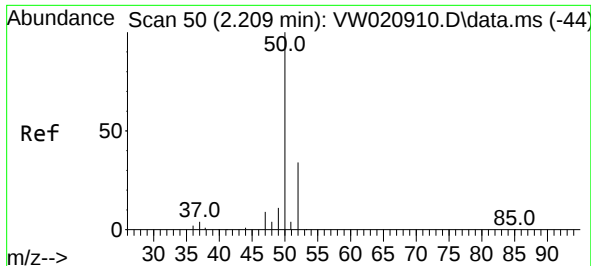
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#2
Dichlorodifluoromethane
Concen: 46.050 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

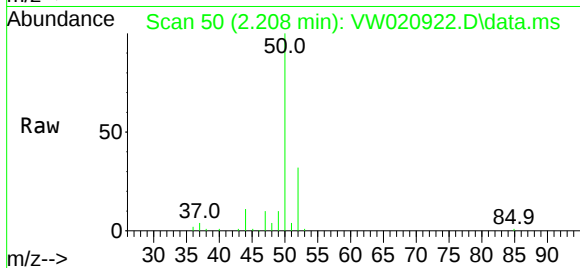
Tgt Ion: 85 Resp: 8859
Ion Ratio Lower Upper
85 100
87 34.9 16.8 50.3





#3
Chloromethane
Concen: 50.203 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

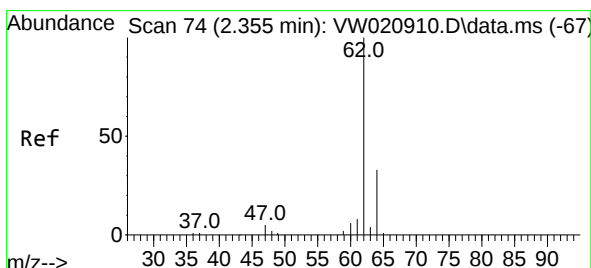
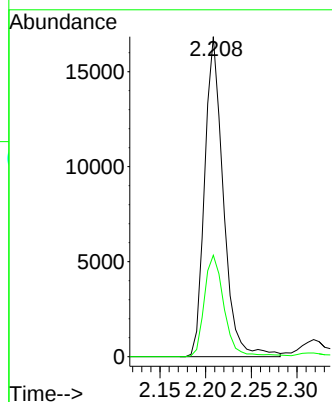
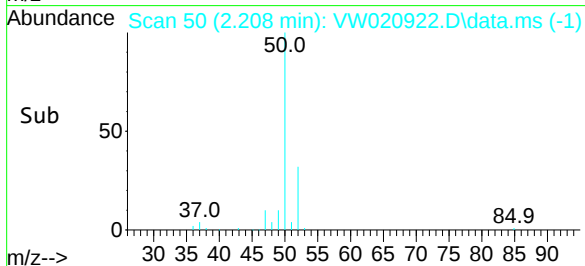
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 2388
Ion Ratio Lower Upper
50 100
52 31.7 27.2 40.8

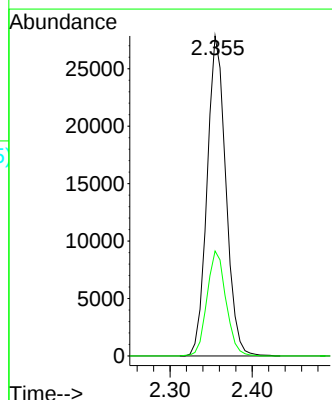
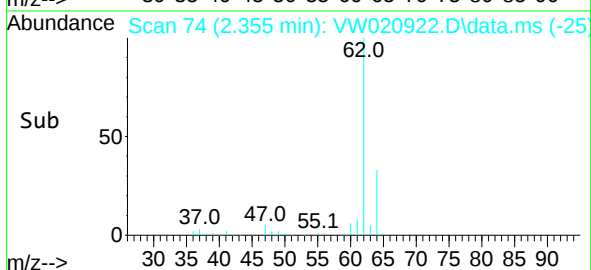
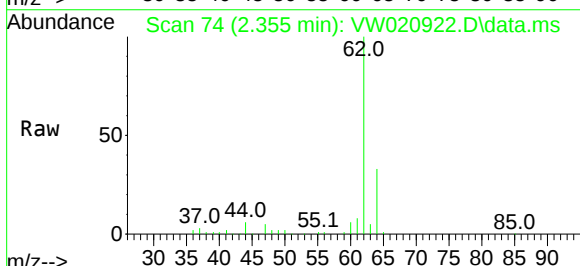
Manual Integrations
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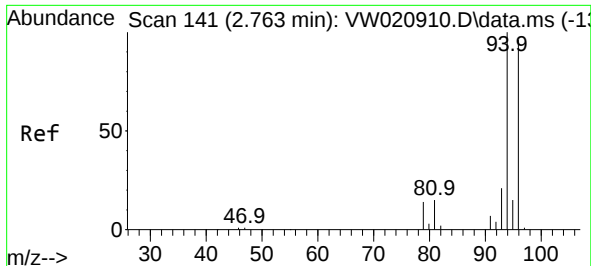
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#4
Vinyl Chloride
Concen: 52.624 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

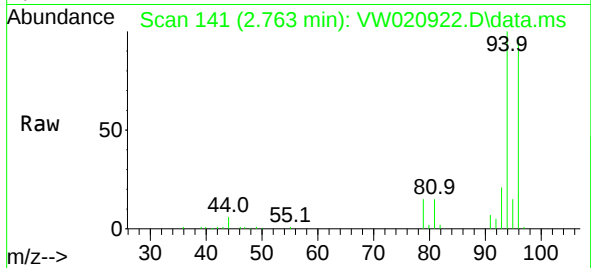
Tgt Ion: 62 Resp: 44079
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5
Bromomethane
Concen: 61.579 ug/l
RT: 2.763 min Scan# 141
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

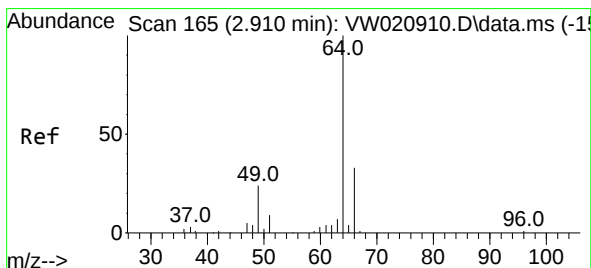
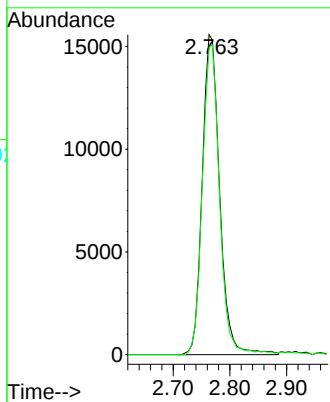
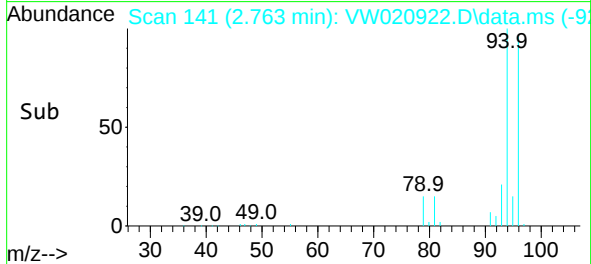
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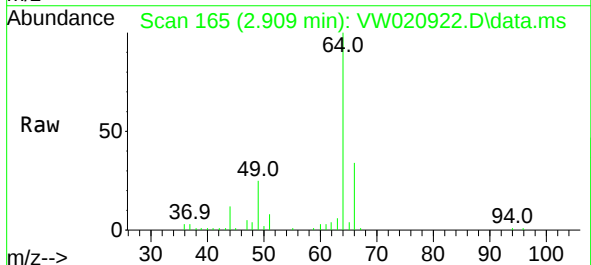
Tgt Ion: 94 Resp: 33200
Ion Ratio Lower Upper
94 100
96 96.0 76.4 114.6

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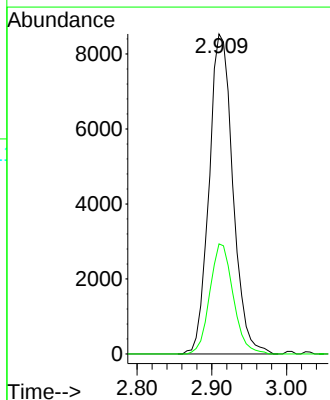
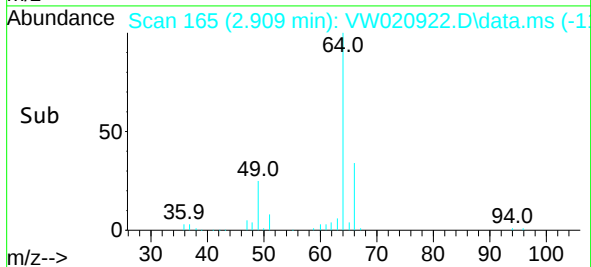
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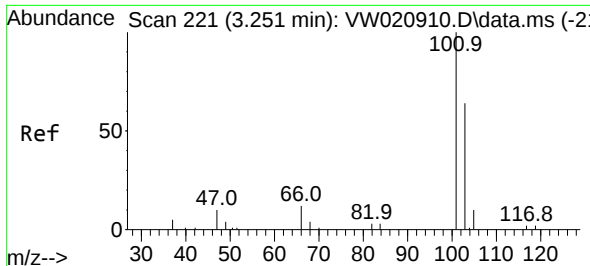


#6
Chloroethane
Concen: 58.452 ug/l
RT: 2.909 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



Tgt Ion: 64 Resp: 18872
Ion Ratio Lower Upper
64 100
66 34.4 26.7 40.1





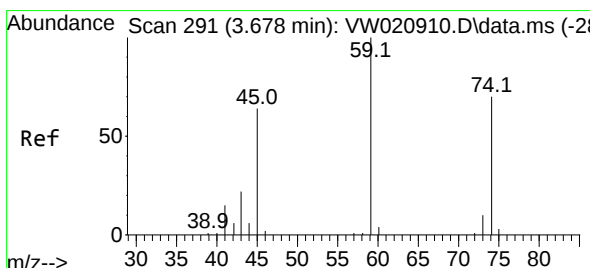
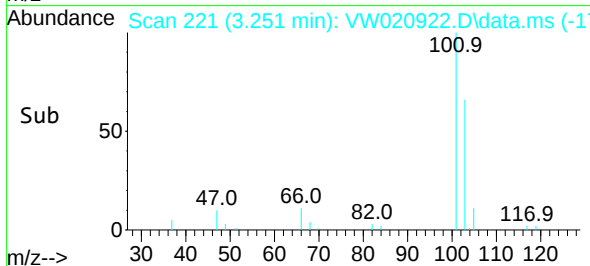
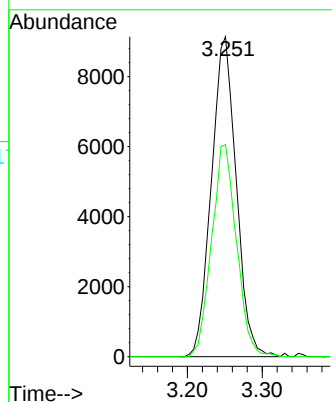
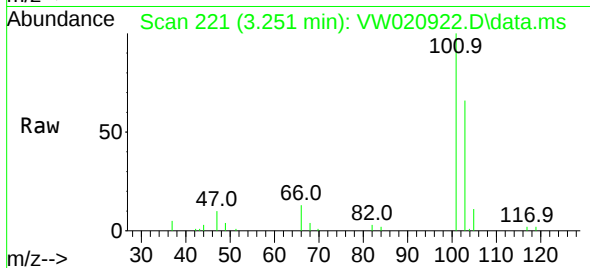
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Trichlorofluoromethane
Concen: 60.764 ug/l
RT: 3.251 min Scan# 21109
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
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Tgt Ion:101 Resp: 21109
Ion Ratio Lower Upper
101 100
103 66.3 50.9 76.3

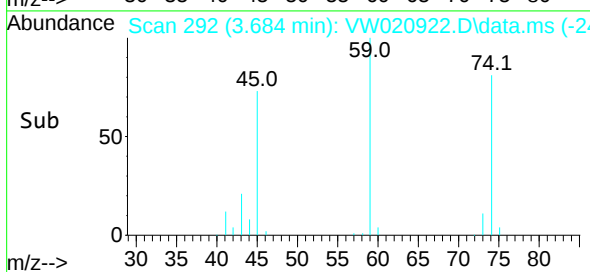
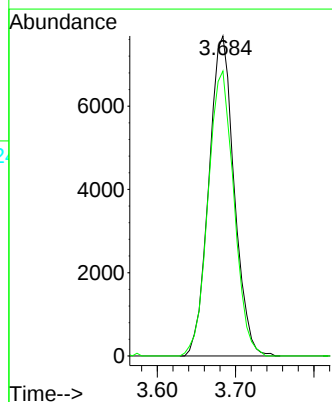
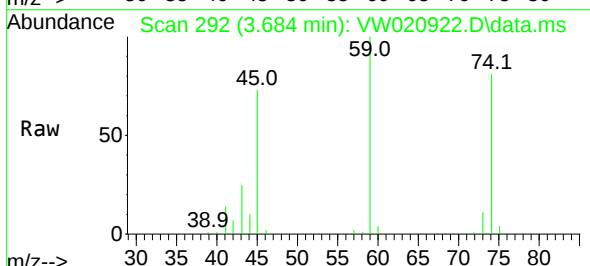
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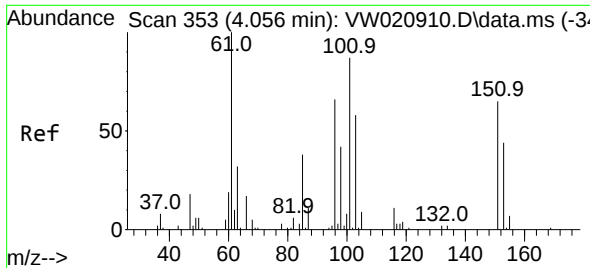
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#8
Diethyl Ether
Concen: 47.324 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 74 Resp: 17267
Ion Ratio Lower Upper
74 100
45 90.7 45.3 135.8





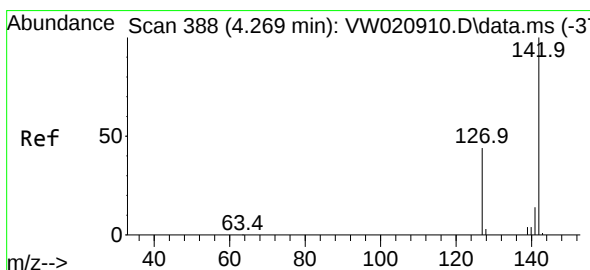
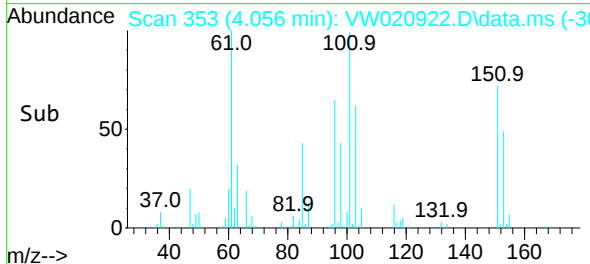
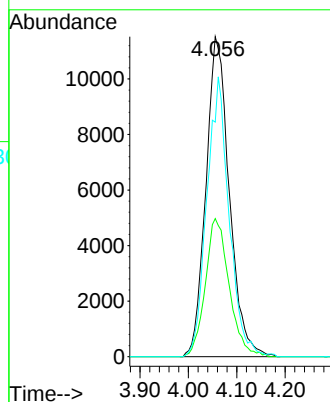
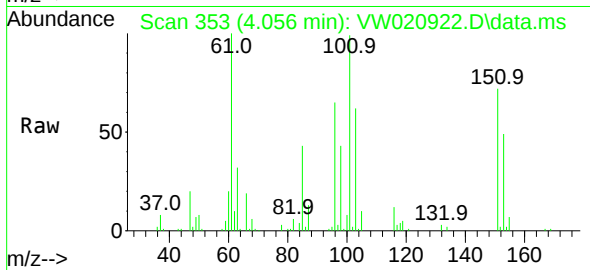
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.970 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 38678
Ion Ratio Lower Upper
101 100
85 44.0 36.6 54.8
151 83.5 66.3 99.5

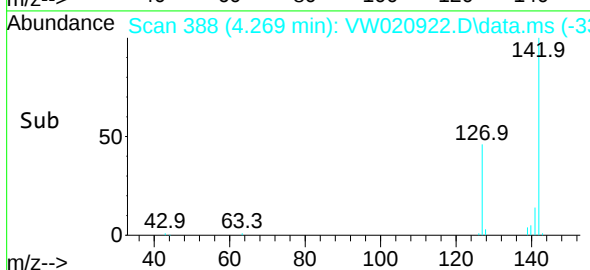
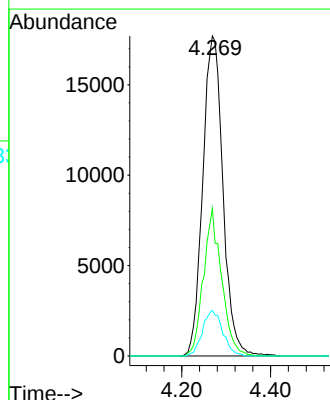
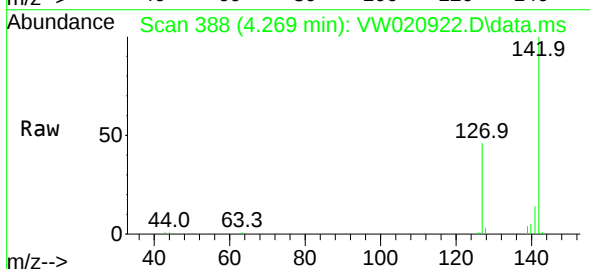
Manual Integrations
APPROVED

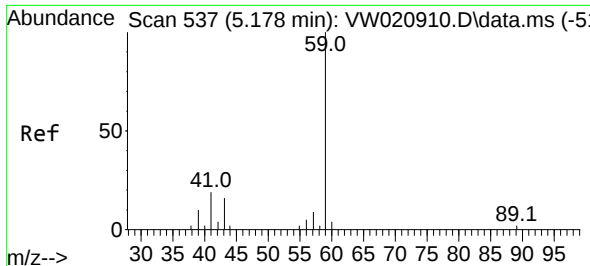
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#10
Methyl Iodide
Concen: 51.832 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:142 Resp: 56028
Ion Ratio Lower Upper
142 100
127 41.4 35.5 53.3
141 14.2 11.5 17.3





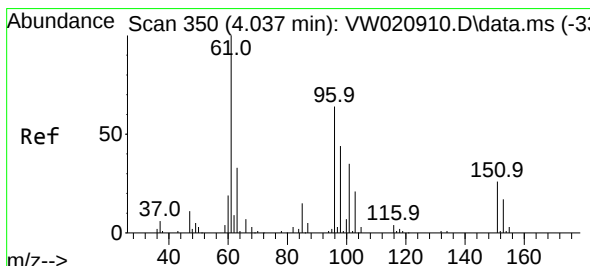
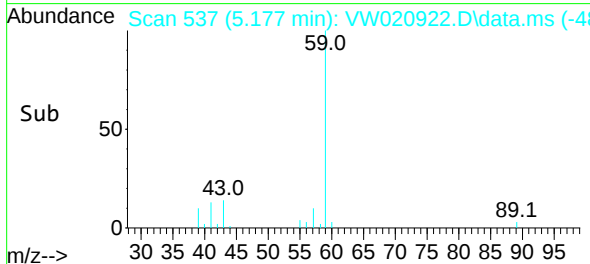
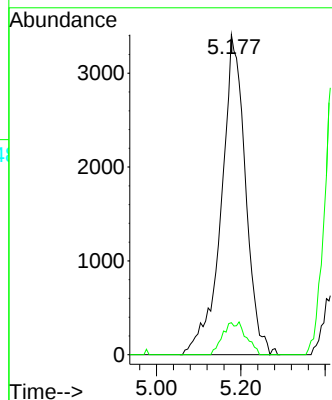
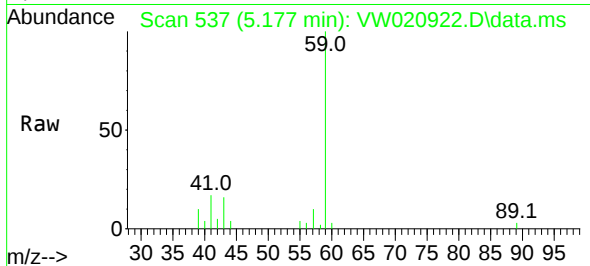
#11
Tert butyl alcohol
Concen: 200.906 ug/l
RT: 5.177 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 1354
Ion Ratio Lower Upper
59 100
57 9.8 4.3 6.5

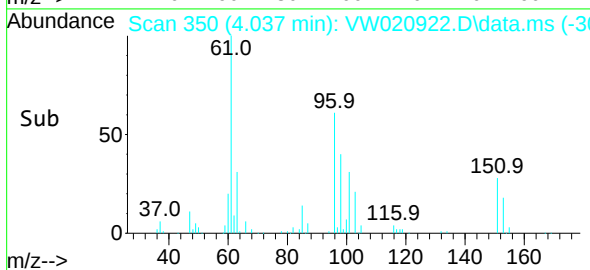
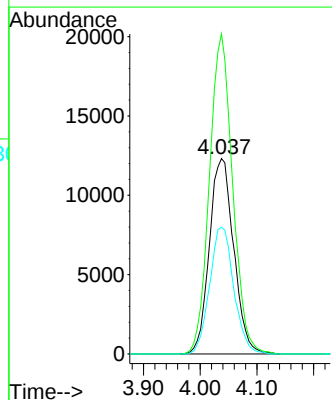
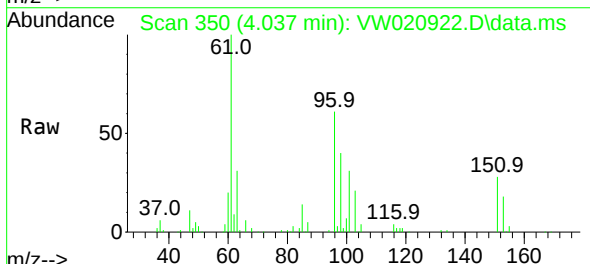
Manual Integrations
APPROVED

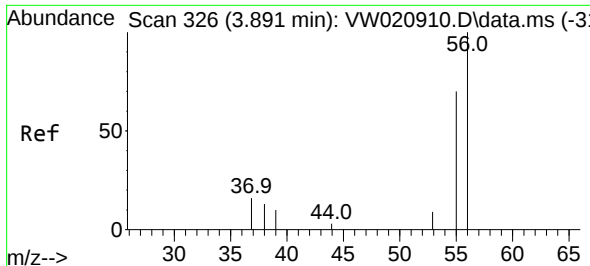
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#12
1,1-Dichloroethene
Concen: 52.346 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

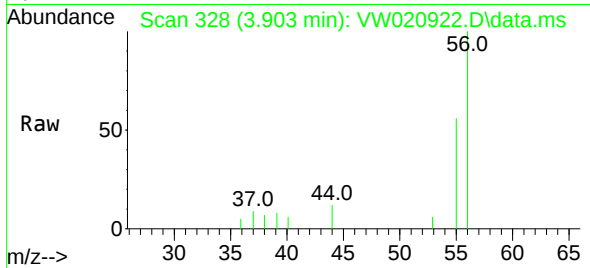
Tgt Ion: 96 Resp: 36761
Ion Ratio Lower Upper
96 100
61 163.8 124.4 186.6
98 64.8 54.2 81.2





#13
Acrolein
Concen: 247.286 ug/l
RT: 3.903 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

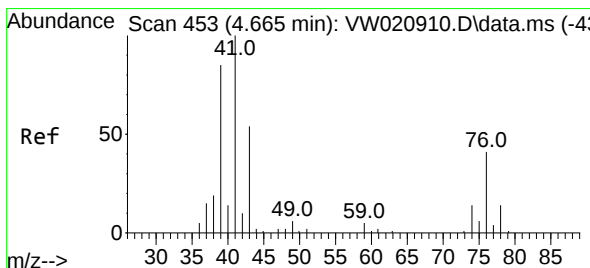
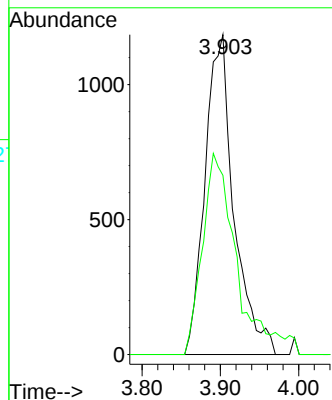
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 75.1 61.2 91.8

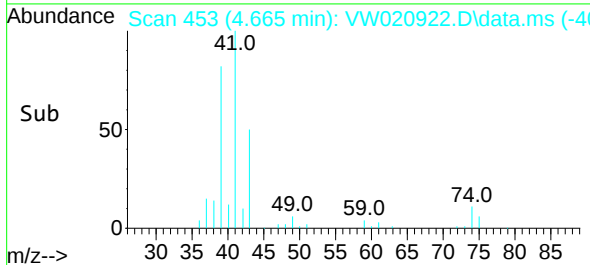
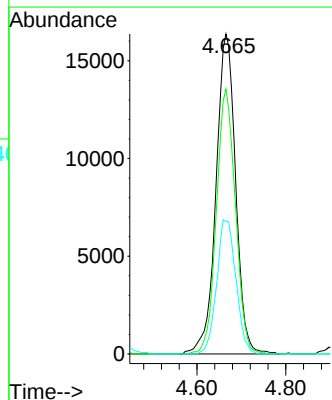
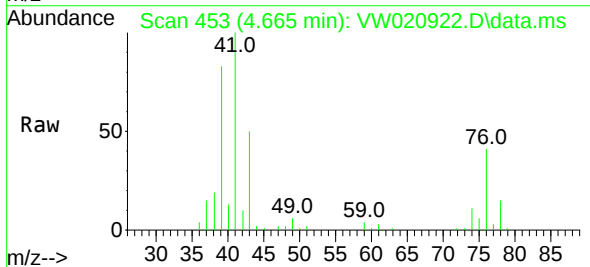
Manual Integrations
APPROVED

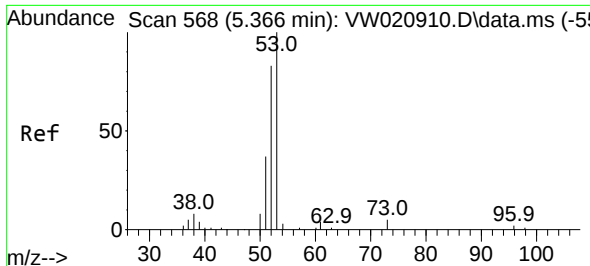
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#14
Allyl chloride
Concen: 49.686 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

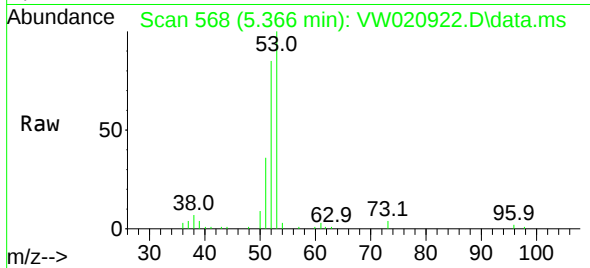
Tgt Ion: 41 Resp: 50096
Ion Ratio Lower Upper
41 100
39 80.4 63.4 95.2
76 41.0 32.2 48.4





#15
Acrylonitrile
Concen: 235.853 ug/l
RT: 5.366 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

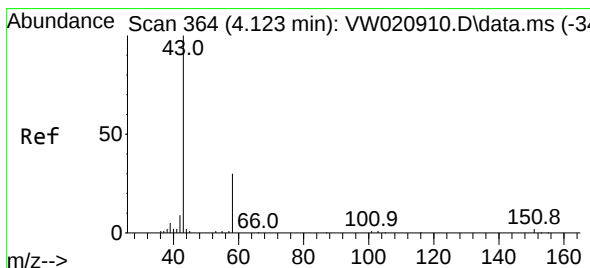
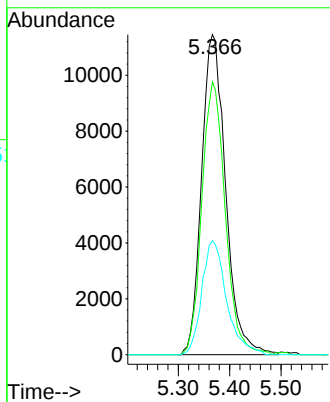
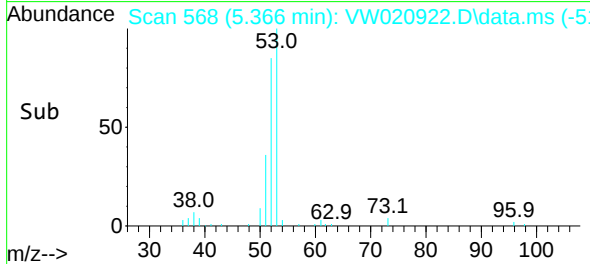
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 3723
Ion Ratio Lower Upper
53 100
52 82.9 65.9 98.9
51 36.7 29.8 44.6

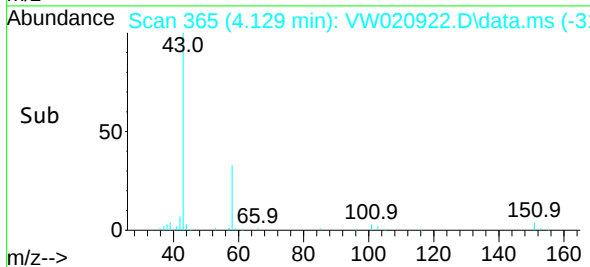
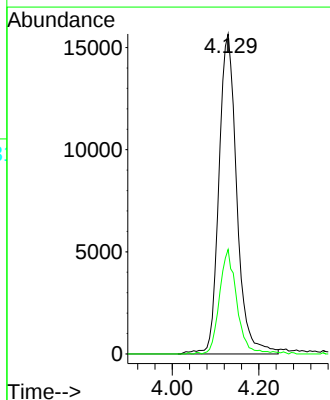
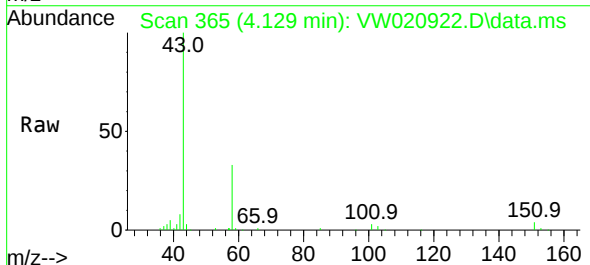
Manual Integrations
APPROVED

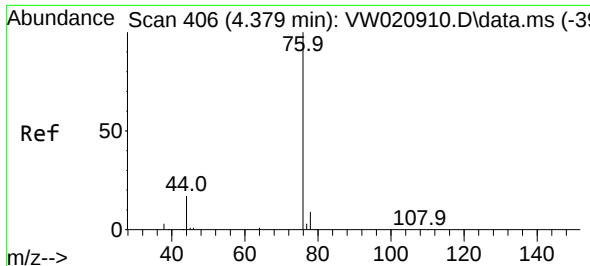
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#16
Acetone
Concen: 283.523 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

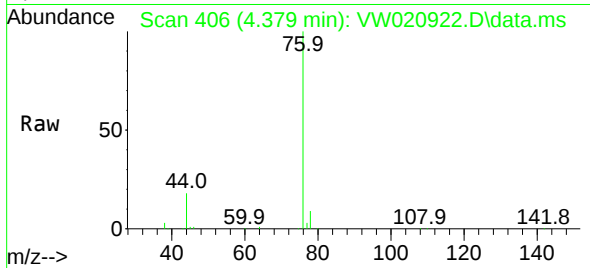
Tgt Ion: 43 Resp: 45111
Ion Ratio Lower Upper
43 100
58 32.6 24.2 36.2





#17
Carbon Disulfide
Concen: 52.585 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

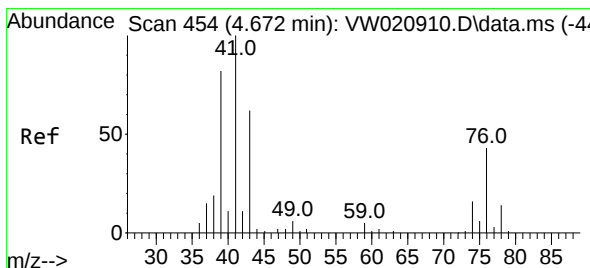
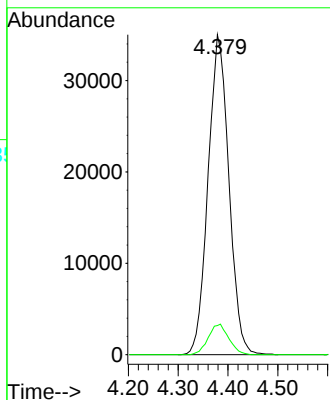
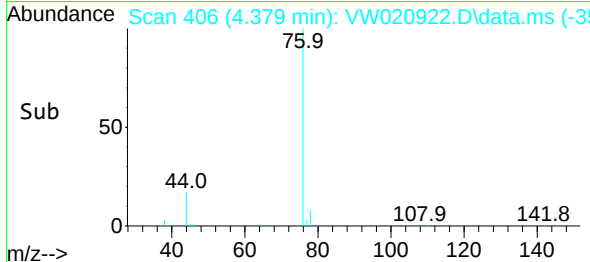
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 10147
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

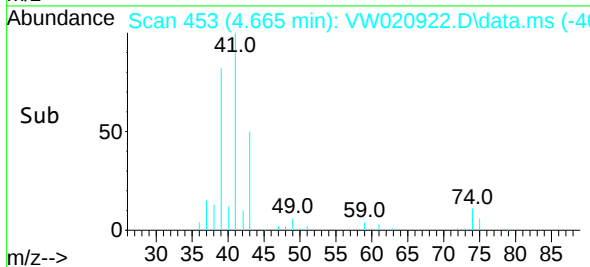
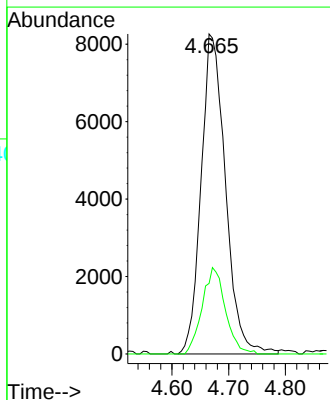
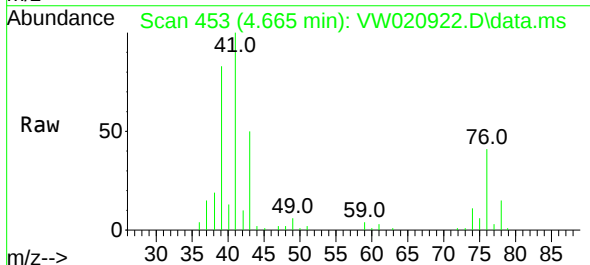
Manual Integrations
APPROVED

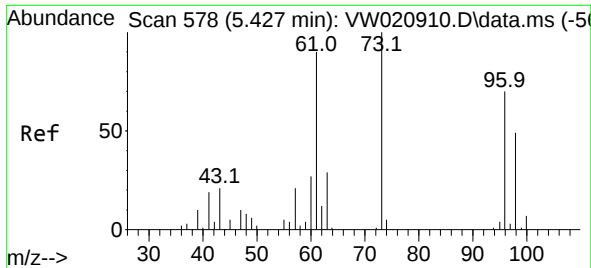
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#18
Methyl Acetate
Concen: 44.425 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 43 Resp: 24664
Ion Ratio Lower Upper
43 100
74 25.7 19.7 29.5





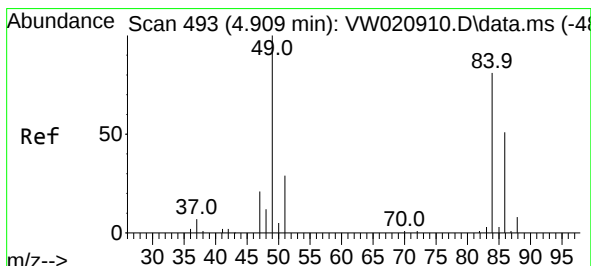
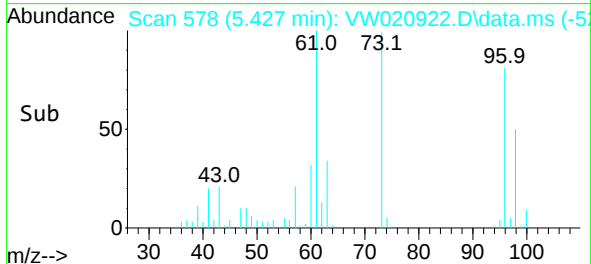
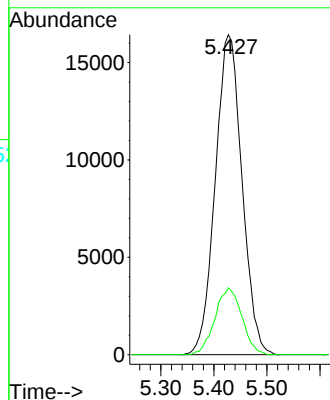
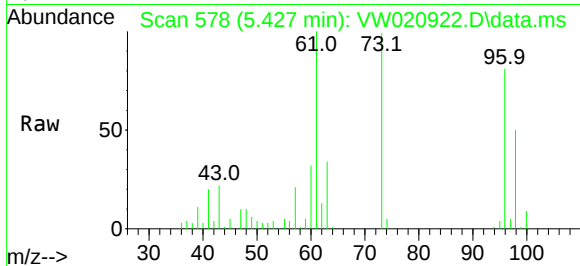
#19
Methyl tert-butyl Ether
Concen: 47.475 ug/l
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 5745
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

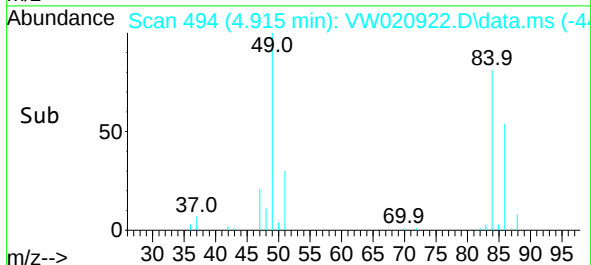
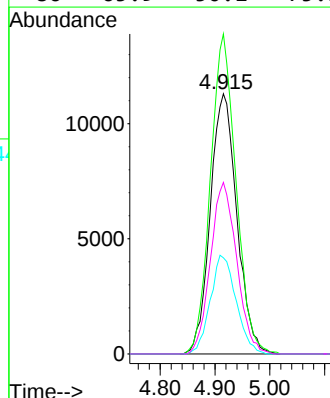
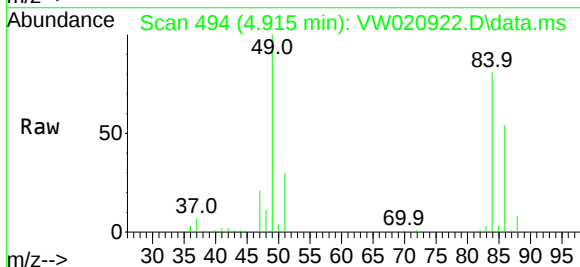
Manual Integrations
APPROVED

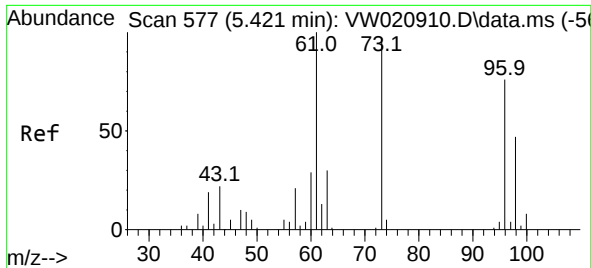
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#20
Methylene Chloride
Concen: 49.411 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

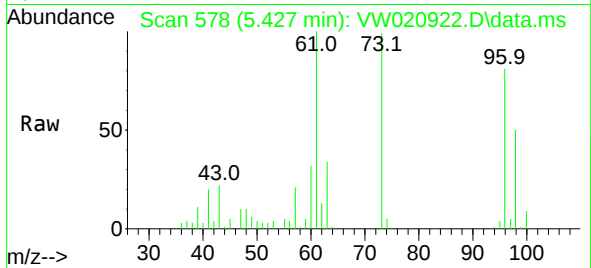
Tgt Ion: 84 Resp: 38095
Ion Ratio Lower Upper
84 100
49 123.0 99.1 148.7
51 37.0 28.8 43.2
86 65.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 52.017 ug/l
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

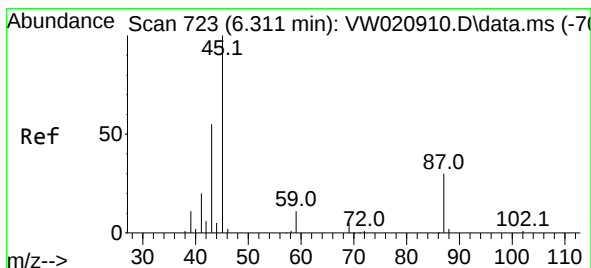
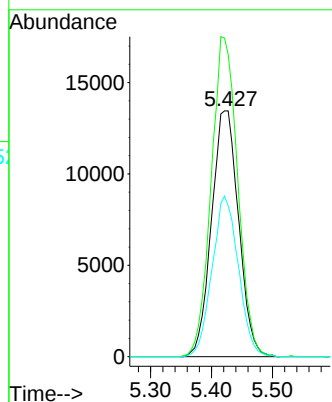
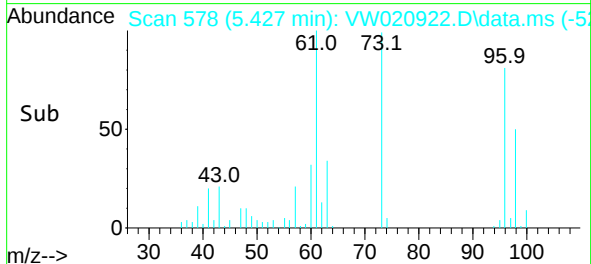
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 41584
Ion Ratio Lower Upper
96 100
61 123.0 105.7 158.5
98 61.3 49.7 74.5

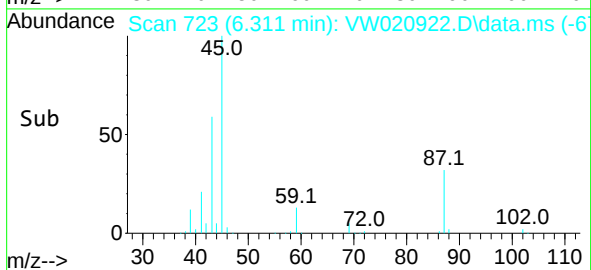
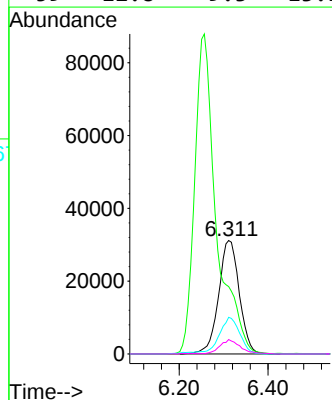
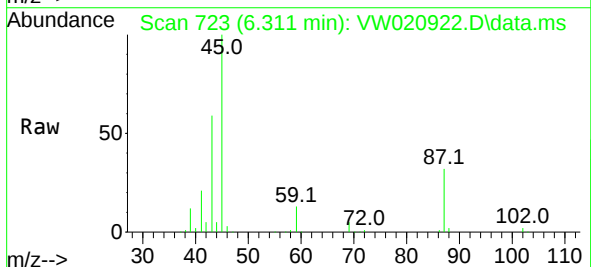
Manual Integrations
APPROVED

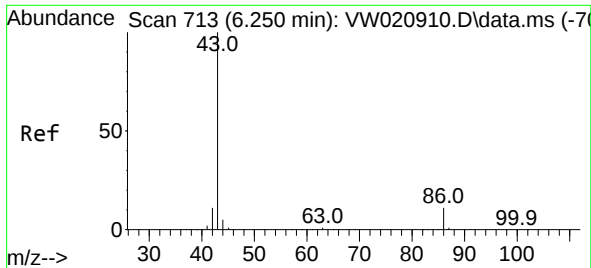
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#22
Diisopropyl ether
Concen: 48.504 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 45 Resp: 100341
Ion Ratio Lower Upper
45 100
43 58.8 46.2 69.4
87 32.3 25.0 37.6
59 12.8 9.3 13.9





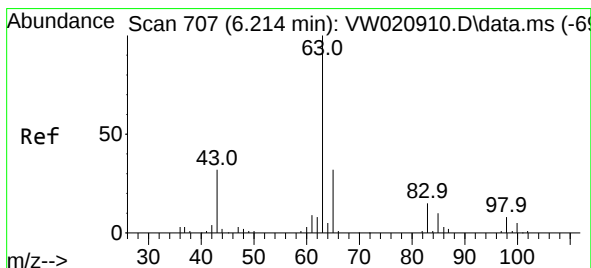
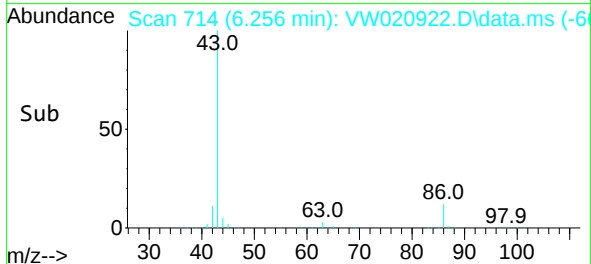
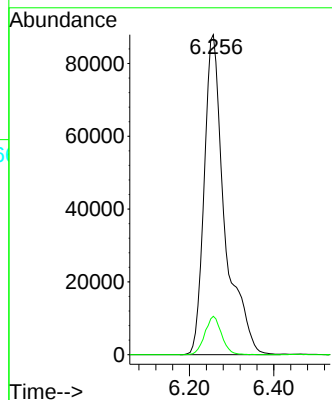
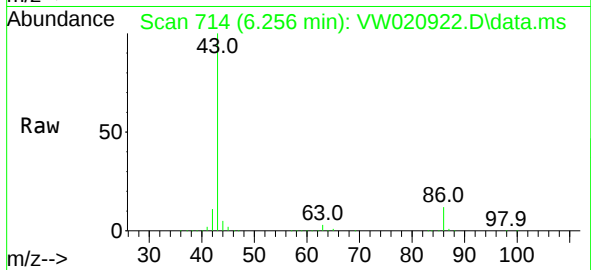
#23
 Vinyl Acetate
 Concen: 245.985 ug/l
 RT: 6.256 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 29778
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.2 13.8

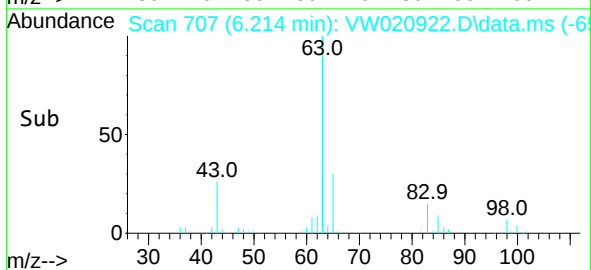
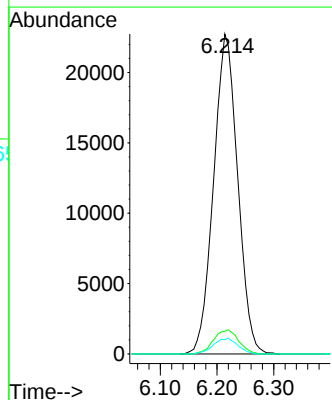
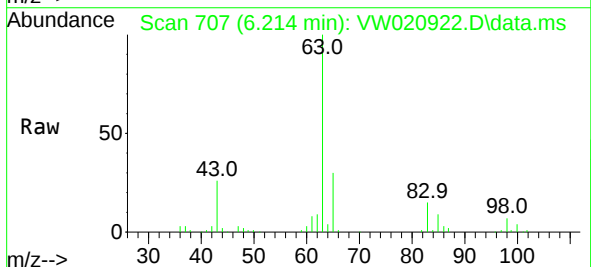
Manual Integrations
 APPROVED

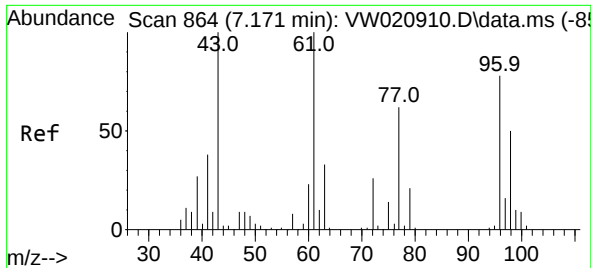
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 50.856 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

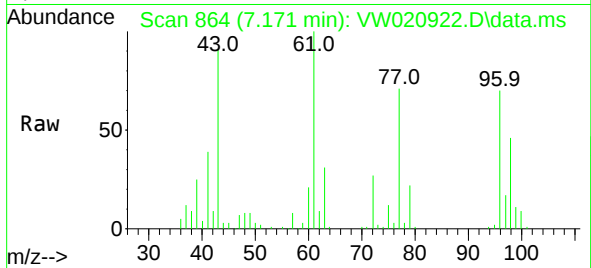
Tgt Ion: 63 Resp: 66933
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.4 2.6 8.0





#25
2-Butanone
Concen: 248.679 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

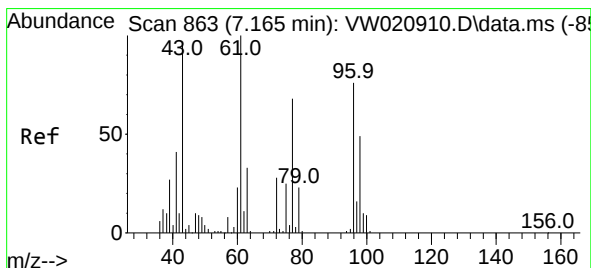
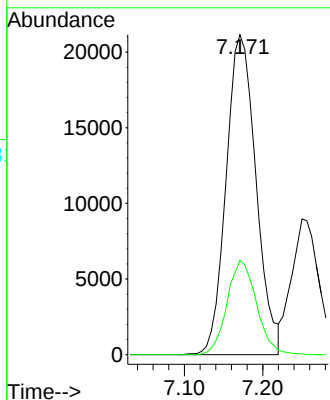
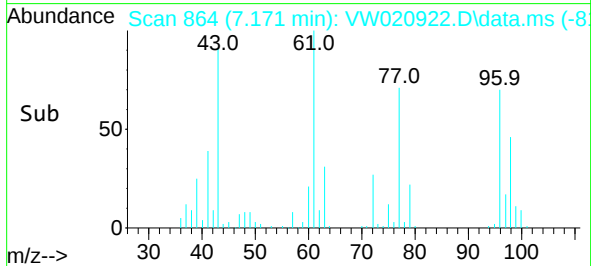
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



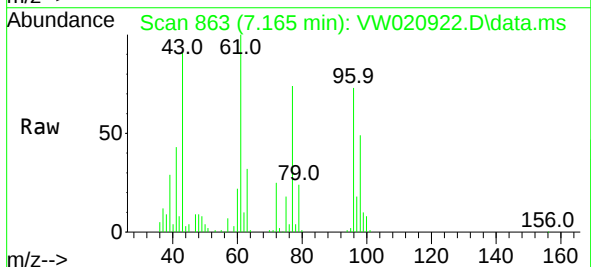
Tgt Ion: 43 Resp: 56190
Ion Ratio Lower Upper
43 100
72 29.5 20.7 31.1

Manual Integrations
APPROVED

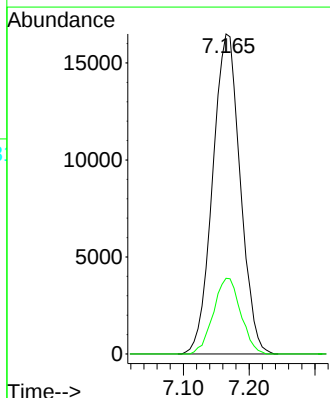
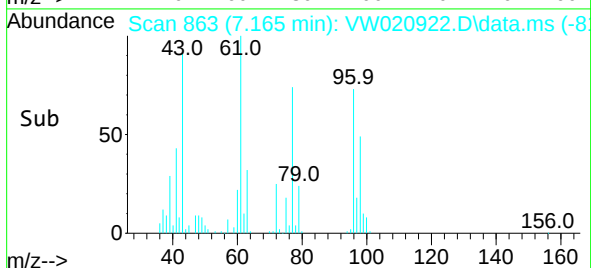
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

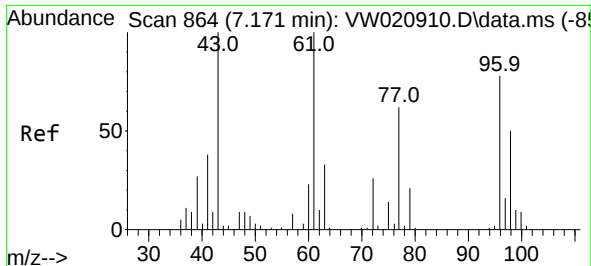


#26
2,2-Dichloropropane
Concen: 51.549 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



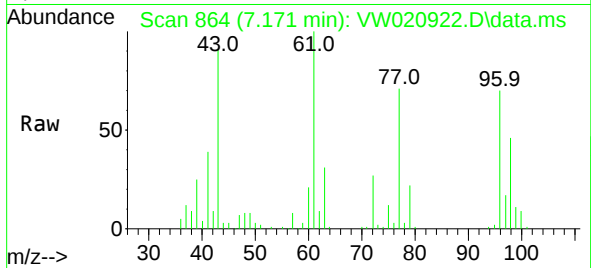
Tgt Ion: 77 Resp: 48141
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.965 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

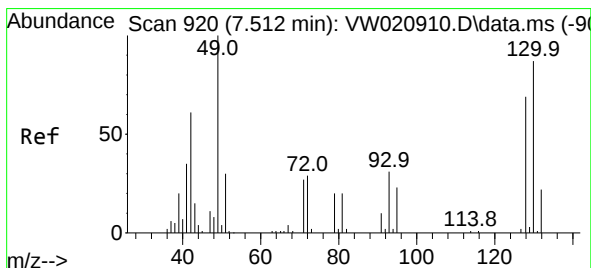
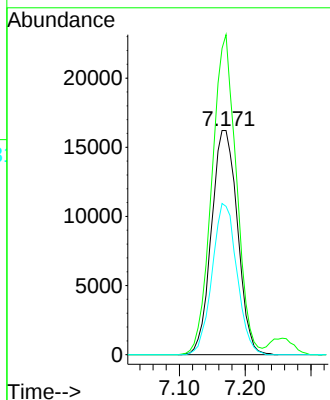
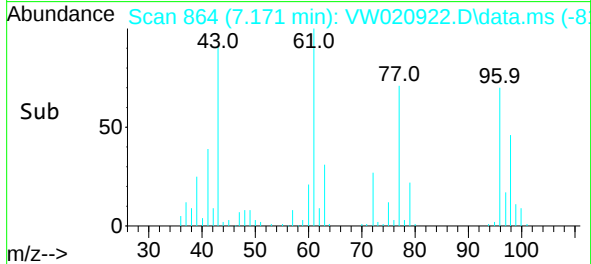
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 4462
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 266.6
 98 64.5 0.0 129.4

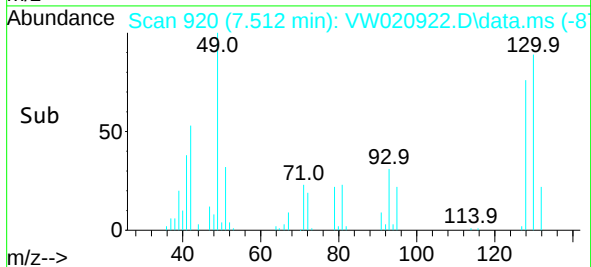
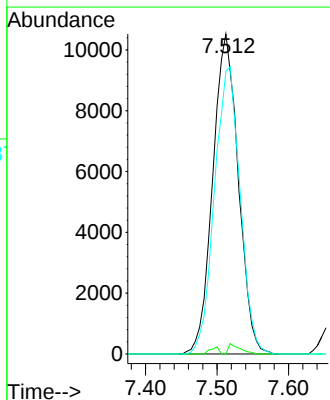
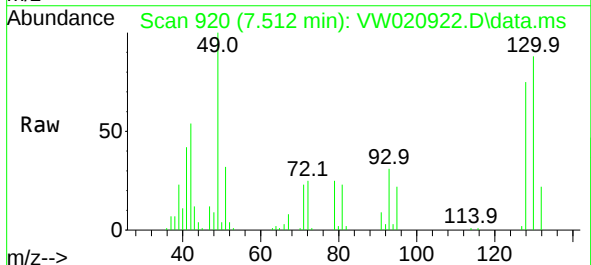
Manual Integrations
 APPROVED

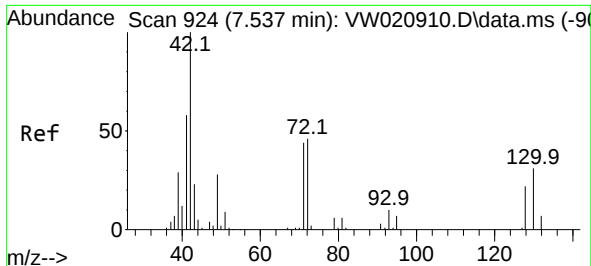
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#28
 Bromochloromethane
 Concen: 46.839 ug/l
 RT: 7.512 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

Tgt Ion: 49 Resp: 26086
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.4
 130 90.3 70.8 106.2





#29

Tetrahydrofuran

Concen: 228.462 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

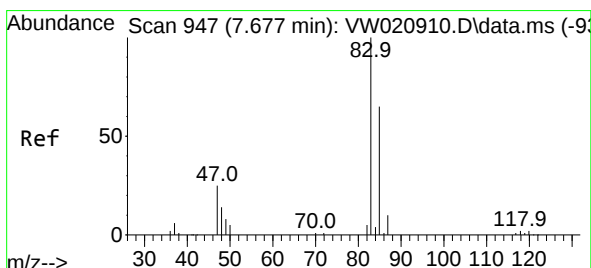
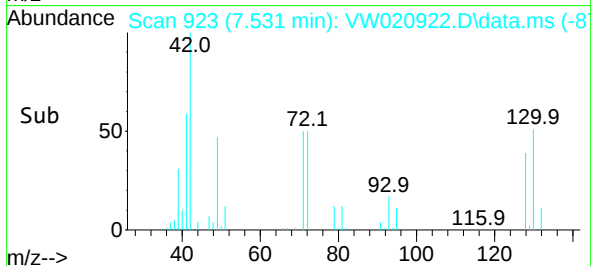
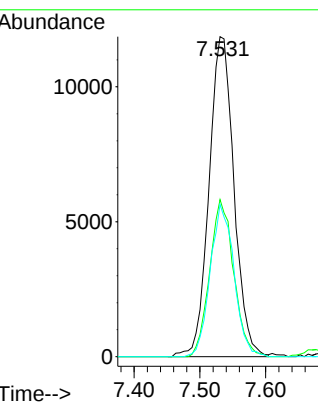
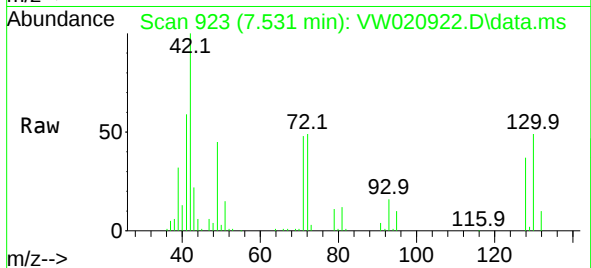
Tgt Ion: 42 Resp: 31309

Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.4	56.0
71	45.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#30

Chloroform

Concen: 50.696 ug/l

RT: 7.677 min Scan# 947

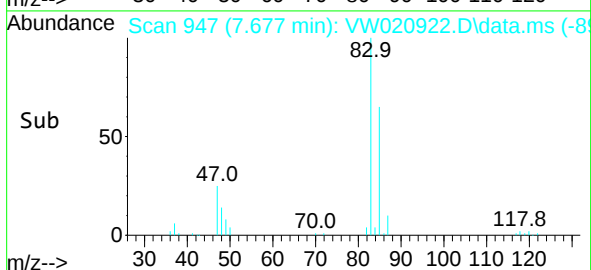
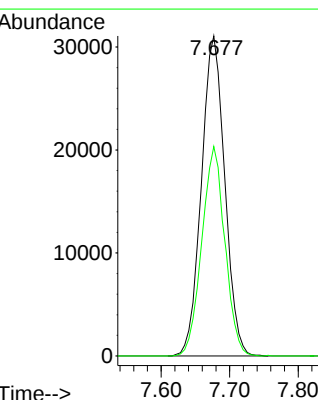
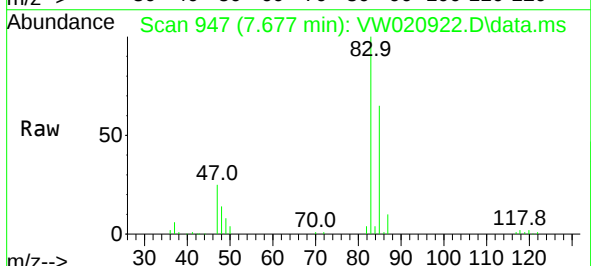
Delta R.T. -0.000 min

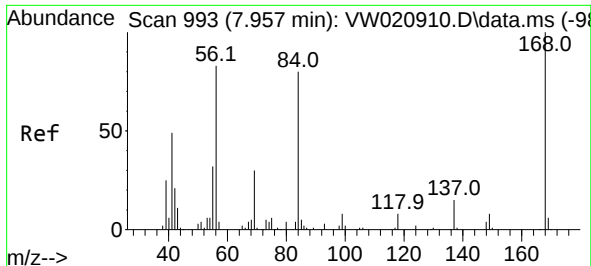
Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Tgt Ion: 83 Resp: 73406

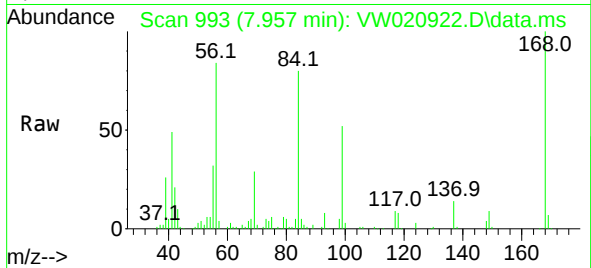
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.7	77.5





#31
Cyclohexane
Concen: 49.080 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

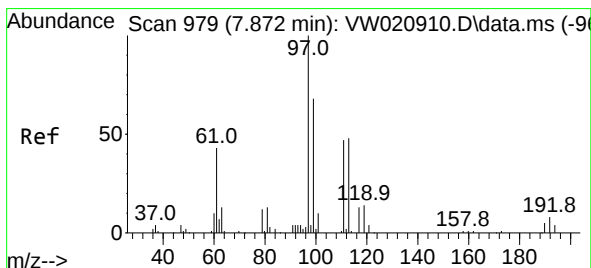
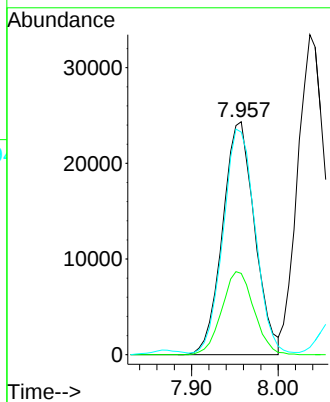
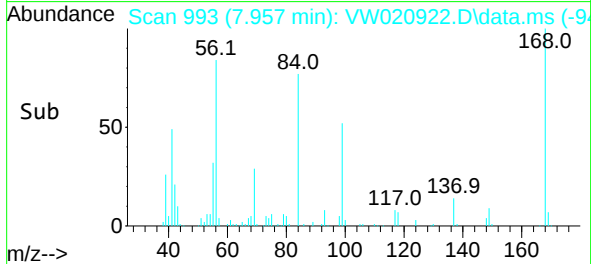
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



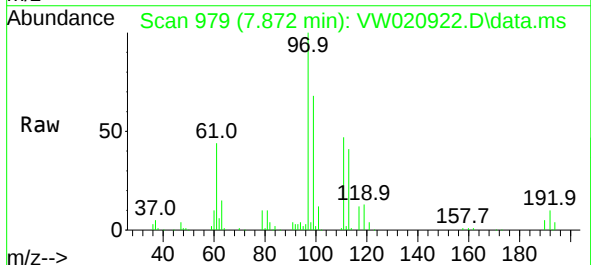
Tgt Ion: 56 Resp: 62670
Ion Ratio Lower Upper
56 100
69 34.9 28.7 43.1
84 94.2 77.6 116.4

Manual Integrations
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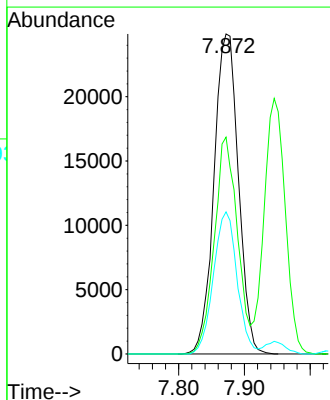
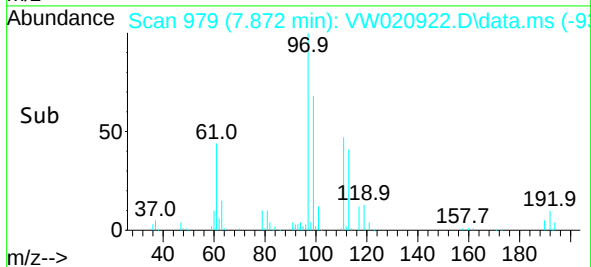
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

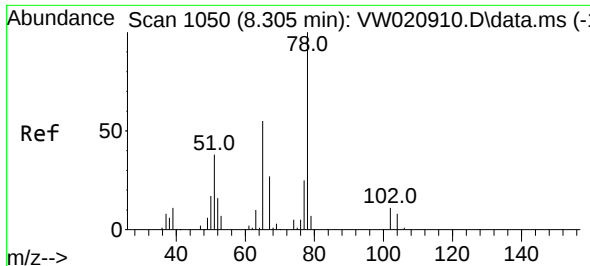


#32
1,1,1-Trichloroethane
Concen: 52.508 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



Tgt Ion: 97 Resp: 64196
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 43.1 34.2 51.2





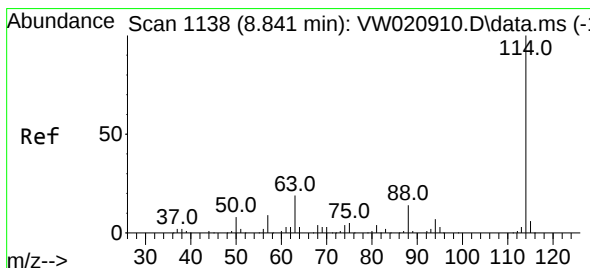
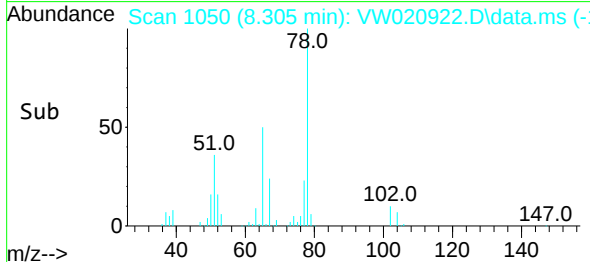
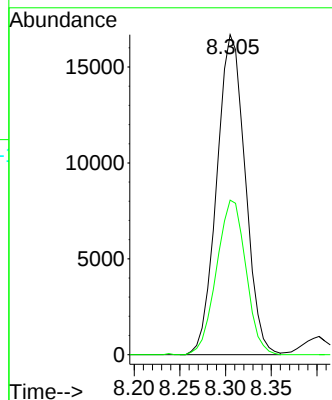
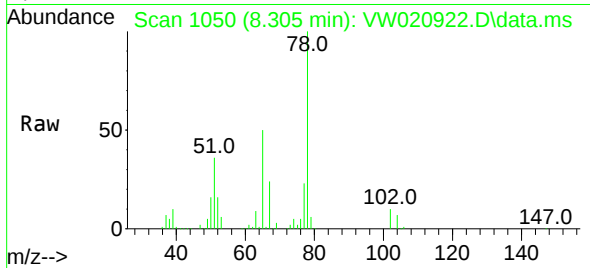
#33
1,2-Dichloroethane-d4
Concen: 47.251 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 3616
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.2

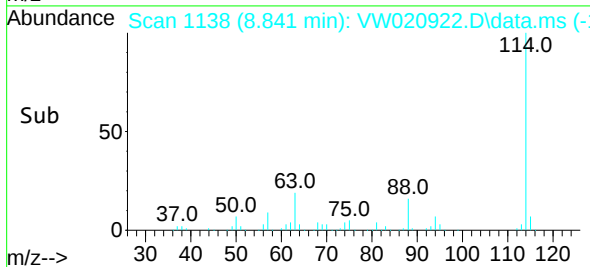
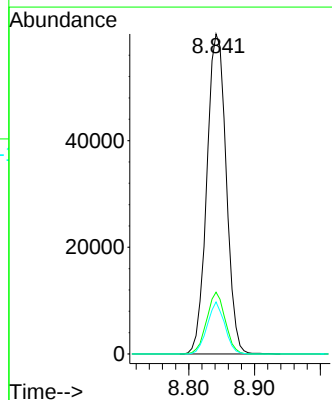
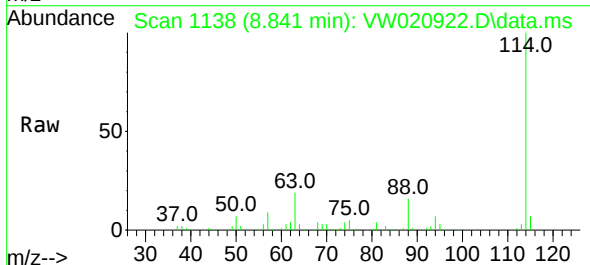
Manual Integrations
APPROVED

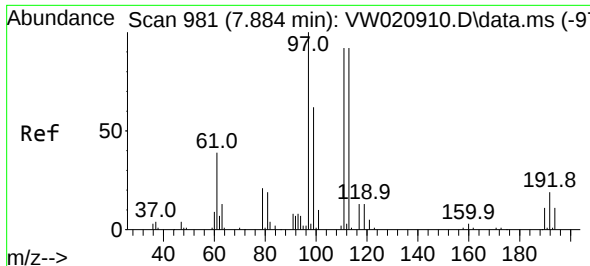
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

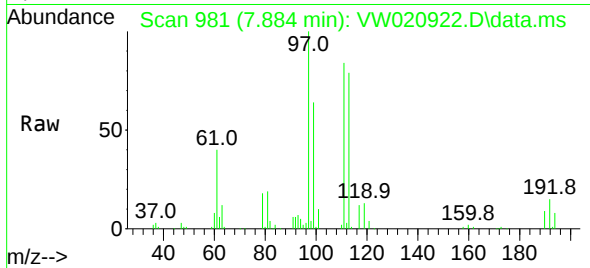
Tgt Ion:114 Resp: 122917
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.2
88 16.2 0.0 28.8





#35
Dibromofluoromethane
Concen: 47.299 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

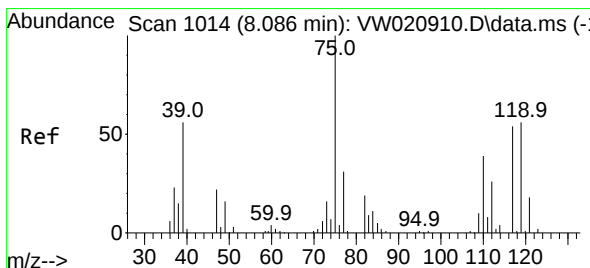
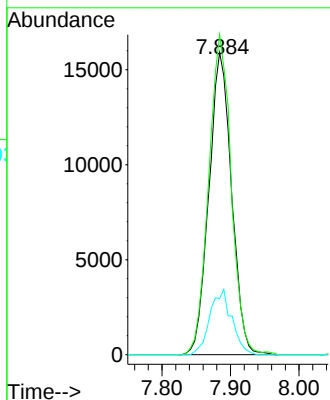
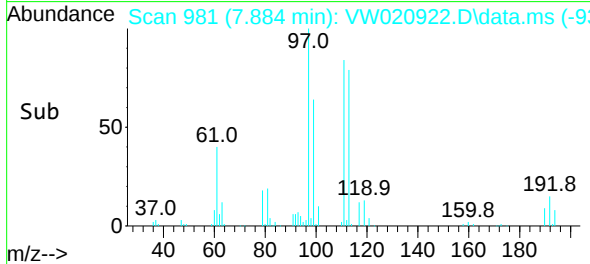
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



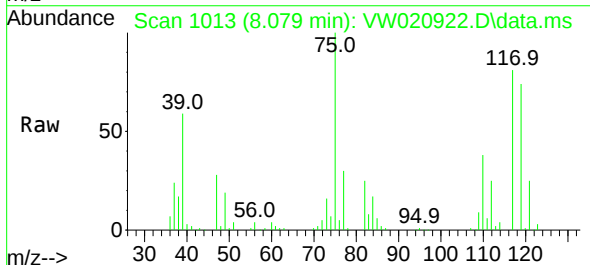
Tgt Ion: 113 Resp: 3646
Ion Ratio Lower Upper
113 100
111 105.6 81.2 121.8
192 20.9 16.8 25.2

Manual Integrations
APPROVED

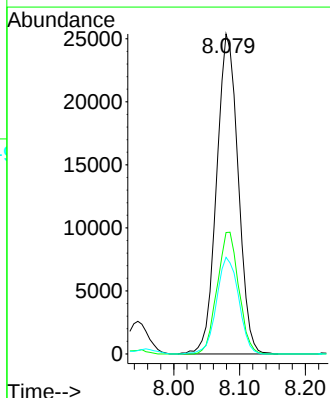
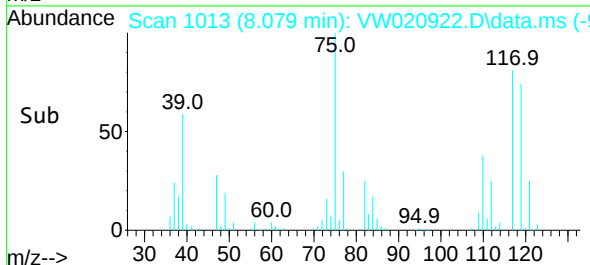
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

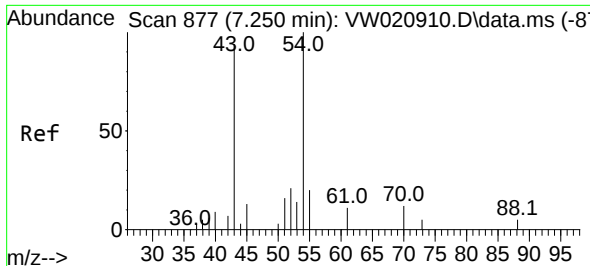


#36
1,1-Dichloropropene
Concen: 52.449 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



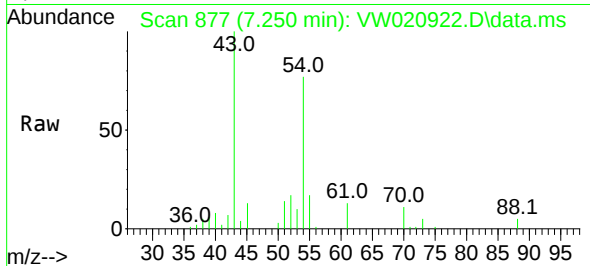
Tgt Ion: 75 Resp: 57916
Ion Ratio Lower Upper
75 100
110 38.1 19.1 57.5
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 45.416 ug/l
RT: 7.250 min Scan# 877
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

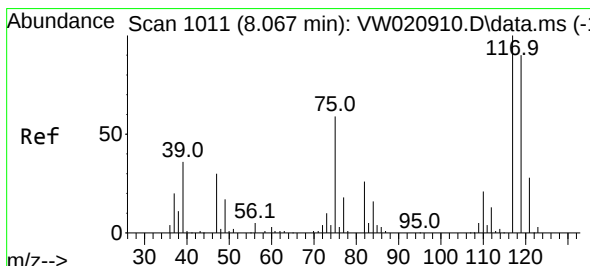
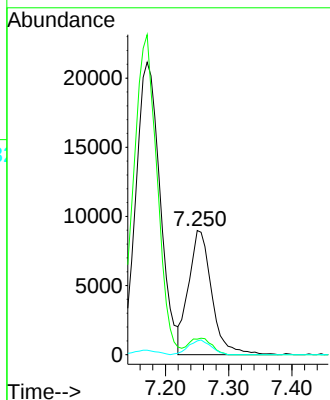
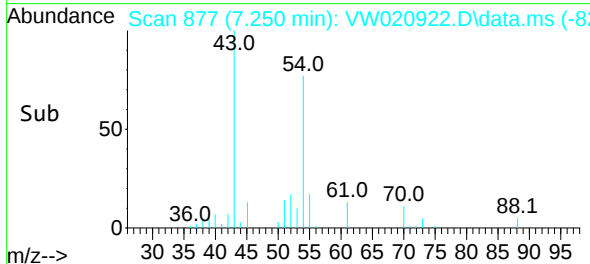
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22875
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 11.4 9.2 13.8

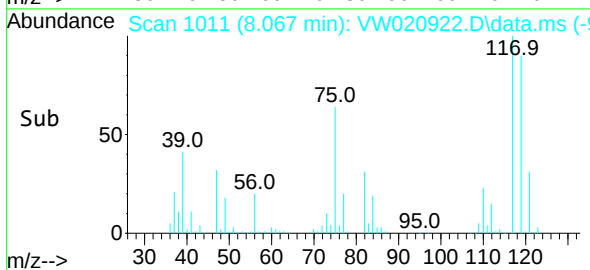
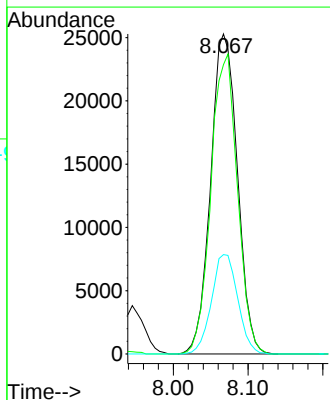
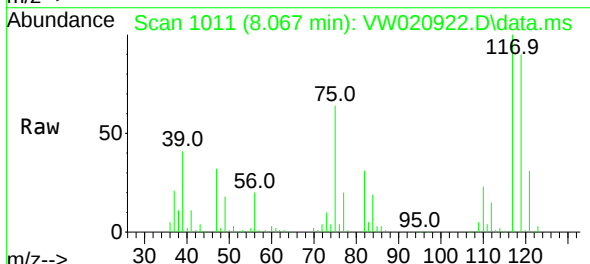
Manual Integrations
APPROVED

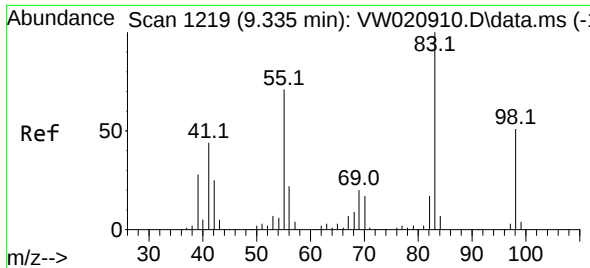
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#38
Carbon Tetrachloride
Concen: 53.715 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:117 Resp: 63097
Ion Ratio Lower Upper
117 100
119 90.4 72.0 108.0
121 31.0 22.6 33.8





#39

Methylcyclohexane

Concen: 52.246 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 7243

Ion Ratio Lower Upper

83 100

55 73.4 56.6 85.0

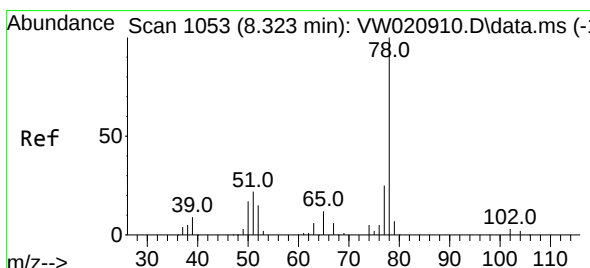
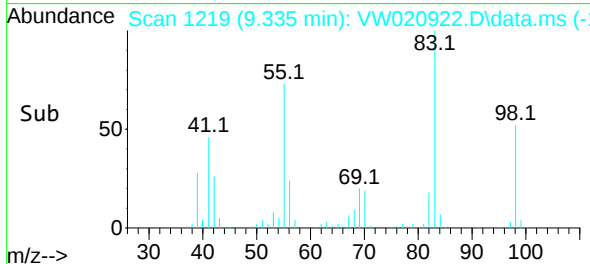
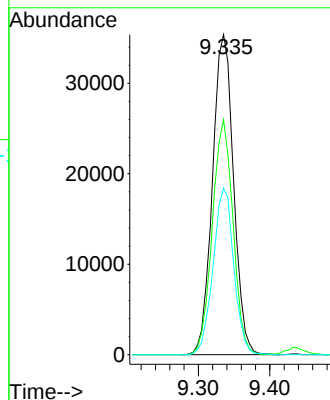
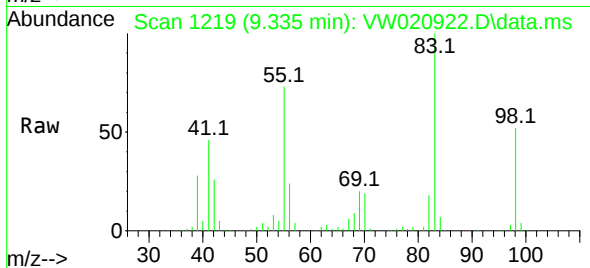
98 52.1 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#40

Benzene

Concen: 50.119 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW020922.D

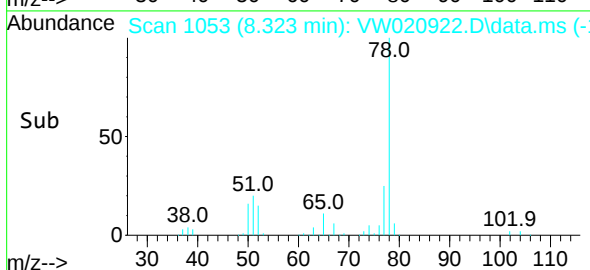
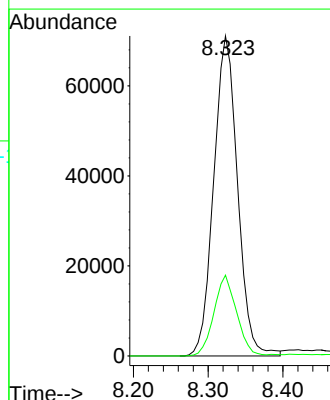
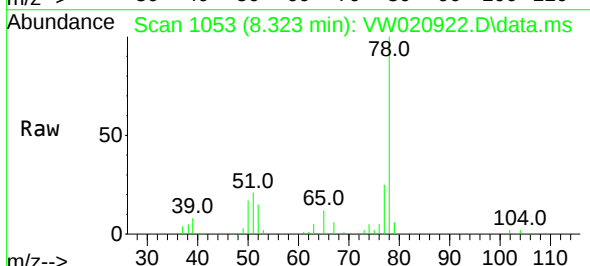
Acq: 18 Nov 2021 12:25

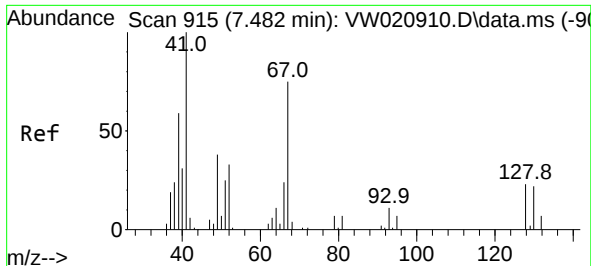
Tgt Ion: 78 Resp: 157798

Ion Ratio Lower Upper

78 100

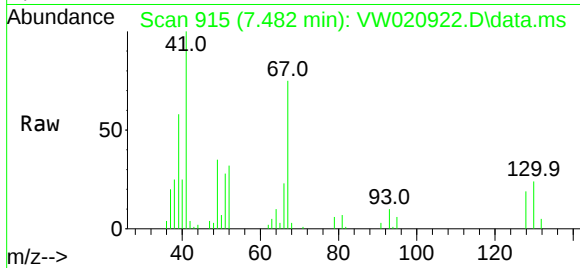
77 25.3 20.0 30.0





#41
Methacrylonitrile
Concen: 50.295 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

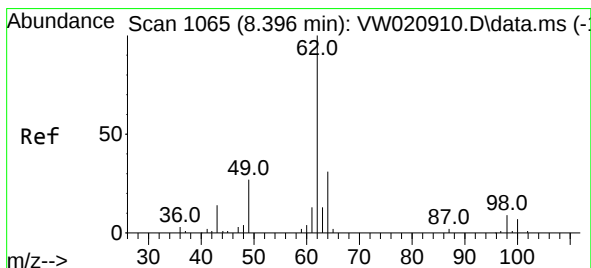
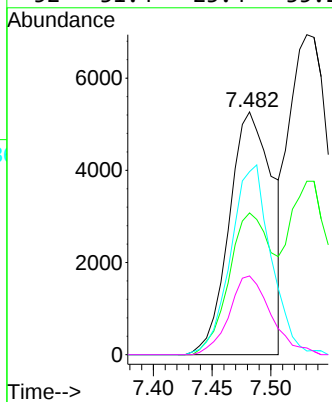
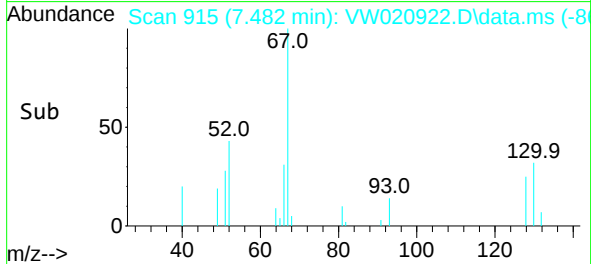
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.8	42.9	64.3
67	72.8	56.2	84.4
52	31.4	23.4	35.2

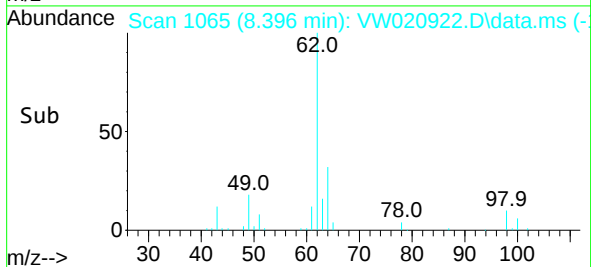
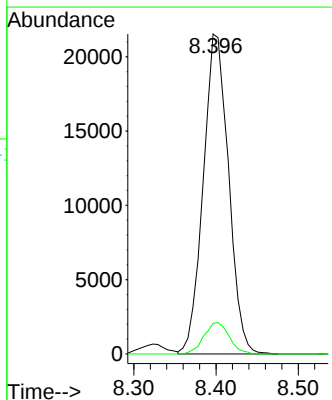
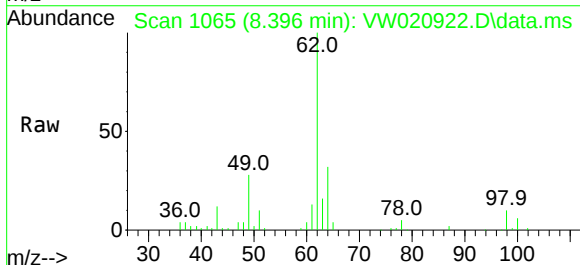
Manual Integrations
APPROVED

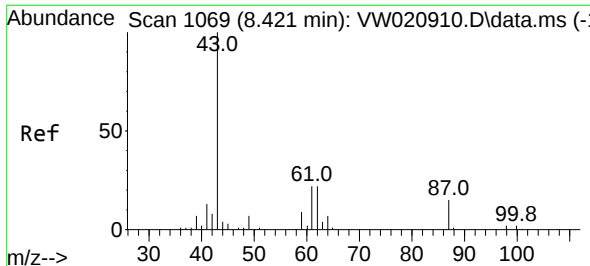
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#42
1,2-Dichloroethane
Concen: 48.254 ug/l
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

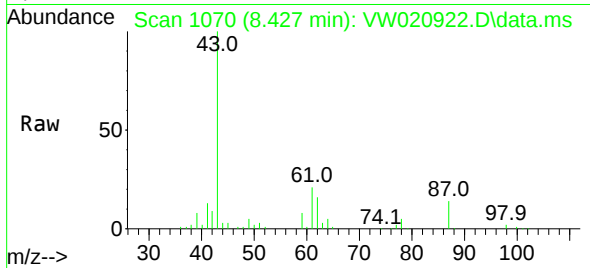
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43
Isopropyl Acetate
Concen: 47.179 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

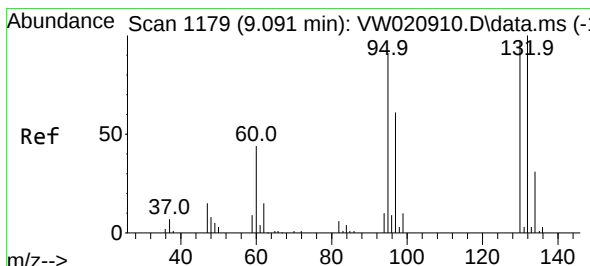
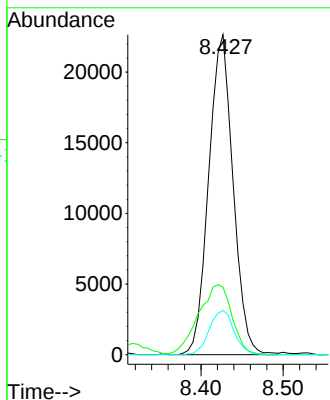
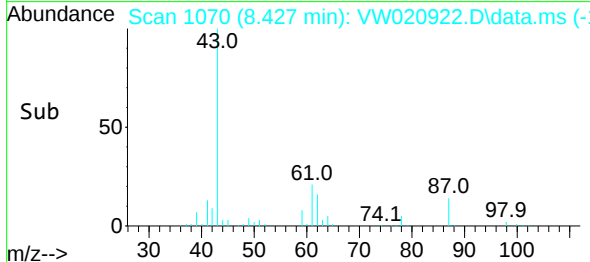
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4663
Ion Ratio Lower Upper
43 100
61 30.0 23.7 35.5
87 14.1 11.5 17.3

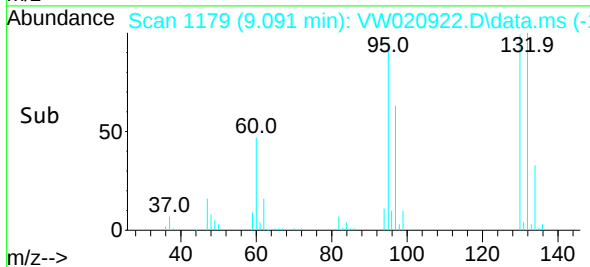
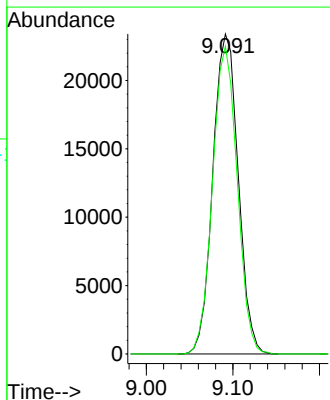
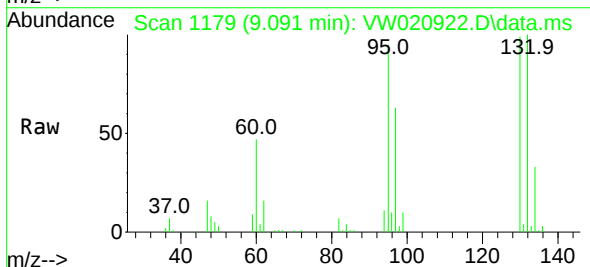
Manual Integrations
APPROVED

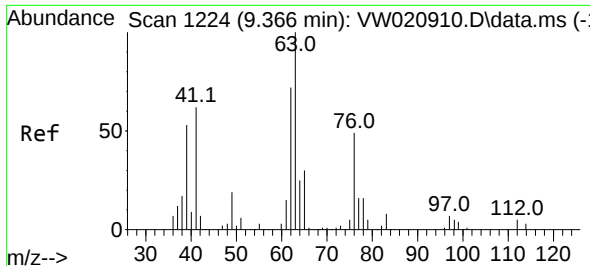
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#44
Trichloroethene
Concen: 51.729 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

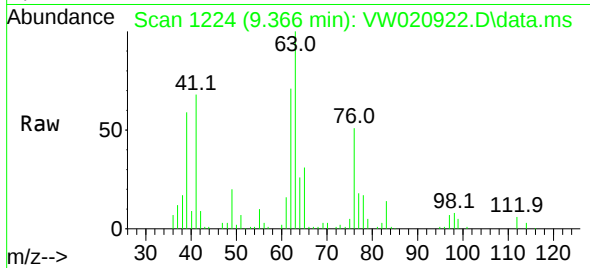
Tgt Ion:130 Resp: 47520
Ion Ratio Lower Upper
130 100
95 96.2 0.0 186.6





#45
1,2-Dichloropropane
Concen: 48.984 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

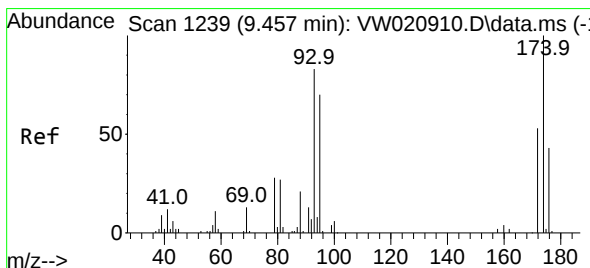
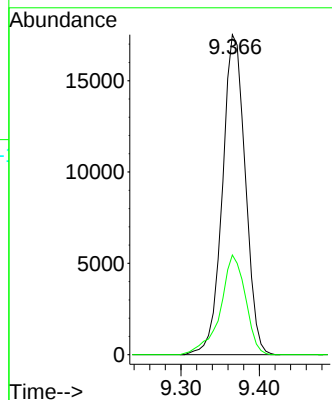
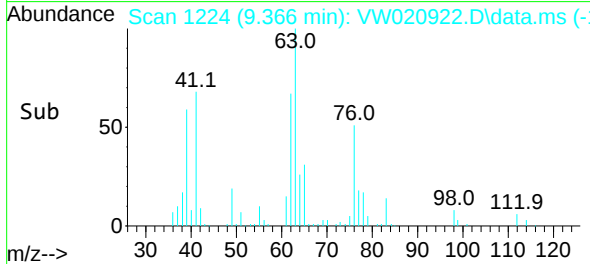
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 35518
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6

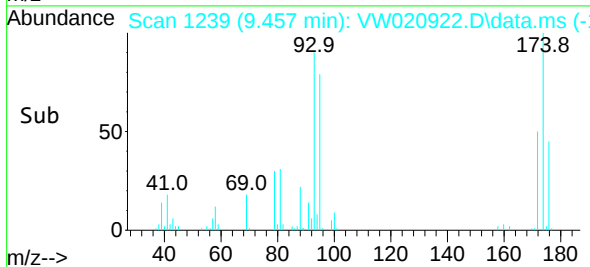
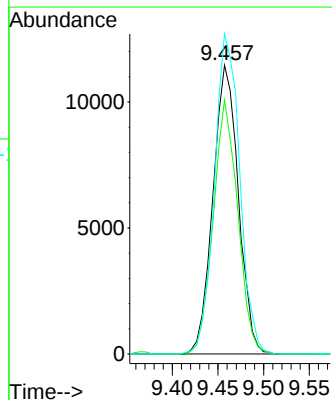
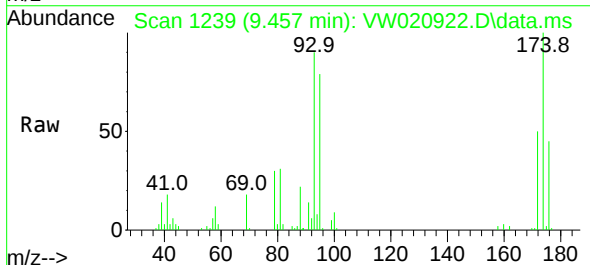
Manual Integrations
APPROVED

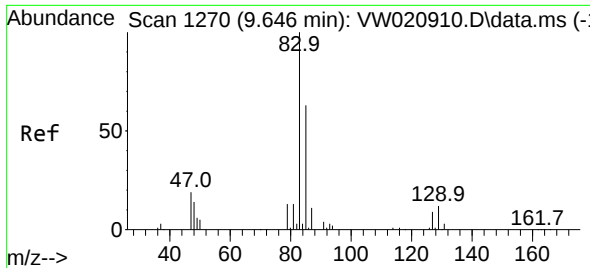
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#46
Dibromomethane
Concen: 48.242 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 93 Resp: 22162
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 110.4 91.1 136.7





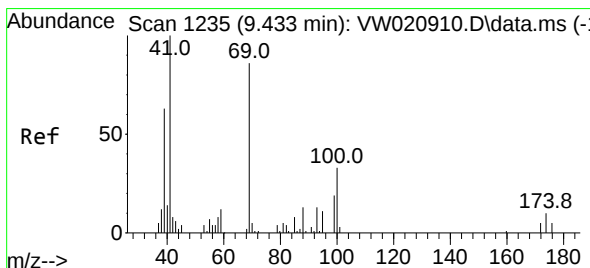
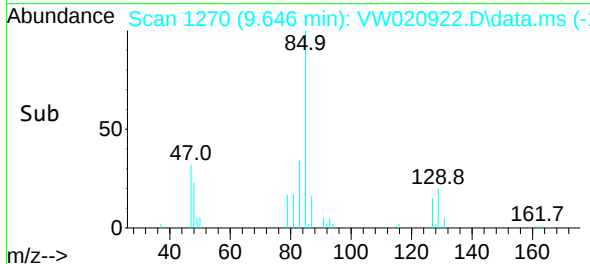
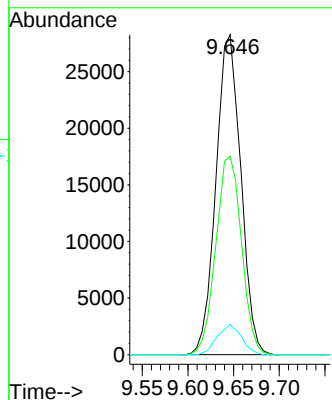
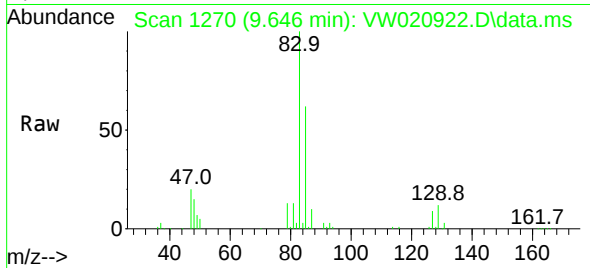
#47
Bromodichloromethane
Concen: 49.302 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 53580
Ion Ratio Lower Upper
83 100
85 62.0 50.3 75.5
127 9.4 7.1 10.7

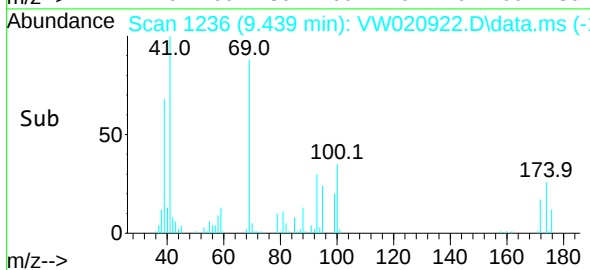
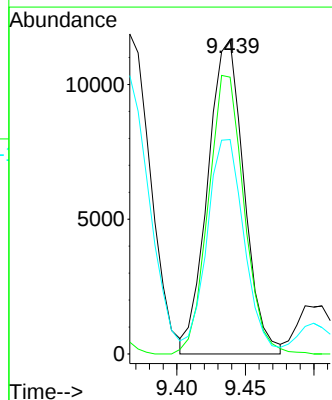
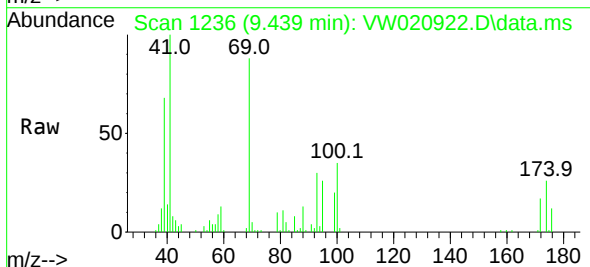
Manual Integrations
APPROVED

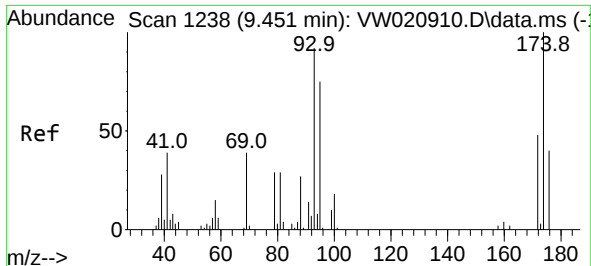
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#48
Methyl methacrylate
Concen: 48.842 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 41 Resp: 21477
Ion Ratio Lower Upper
41 100
69 87.2 72.9 109.3
39 65.1 54.2 81.4





#49

1,4-Dioxane

Concen: 900.503 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 596

Ion Ratio Lower Upper

88 100

43 29.6 26.6 39.8

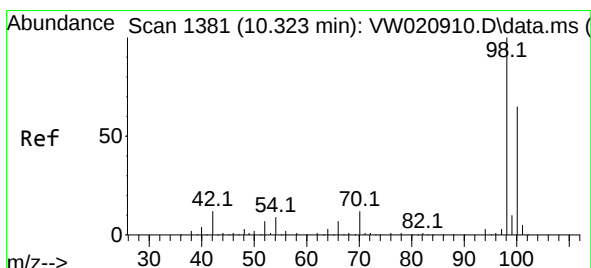
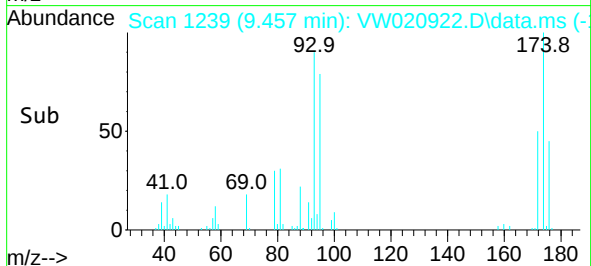
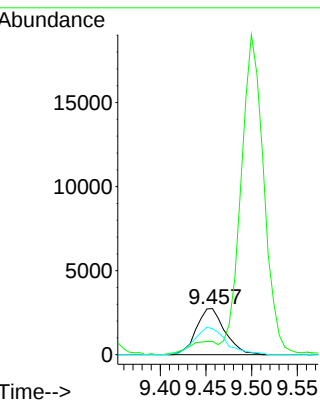
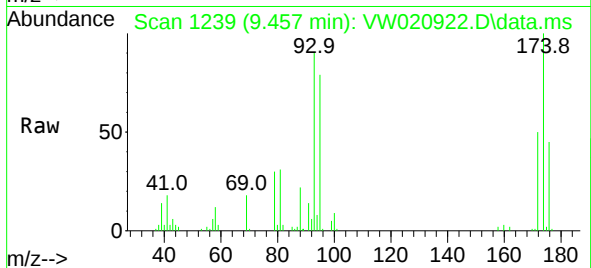
58 65.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#50

Toluene-d8

Concen: 48.370 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020922.D

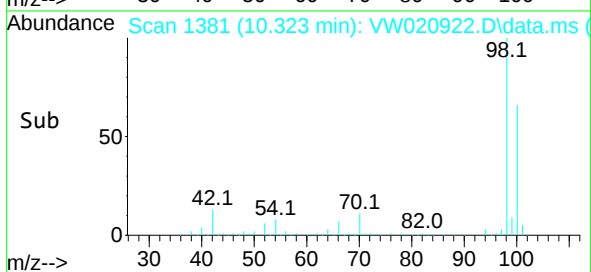
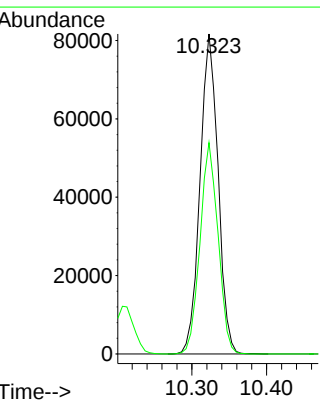
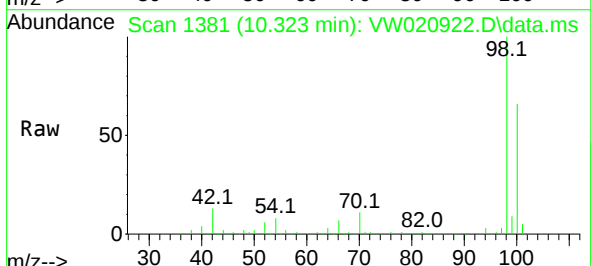
Acq: 18 Nov 2021 12:25

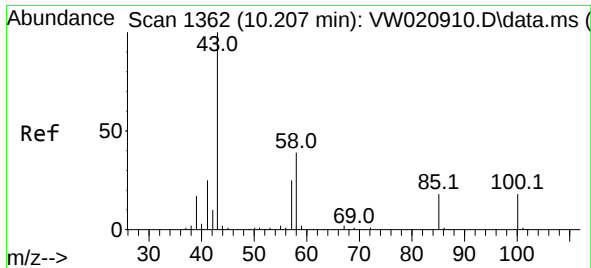
Tgt Ion: 98 Resp: 136776

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0





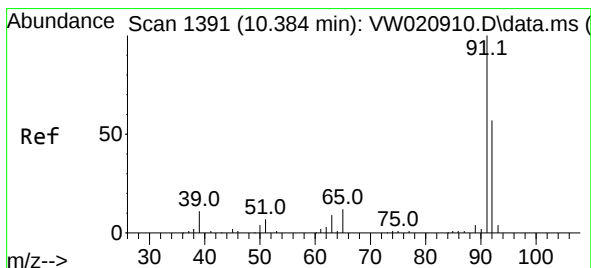
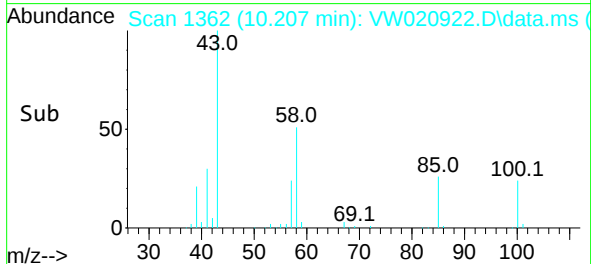
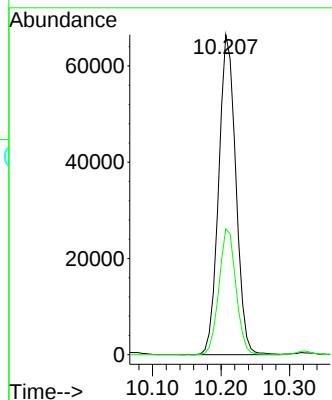
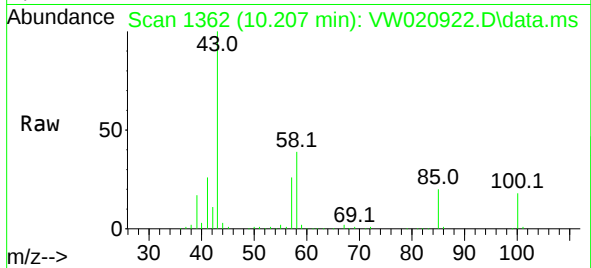
#51
4-Methyl-2-Pentanone
Concen: 228.698 ug/l
RT: 10.207 min Scan# 115099
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 115099
Ion Ratio Lower Upper
43 100
58 39.0 30.9 46.3

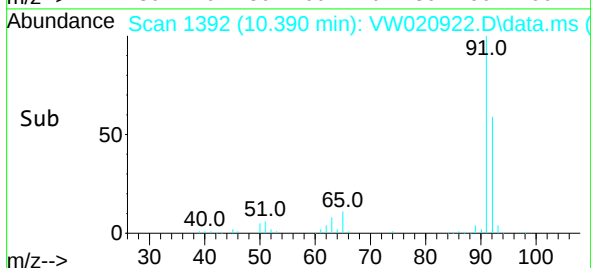
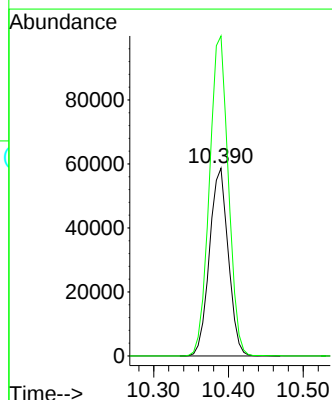
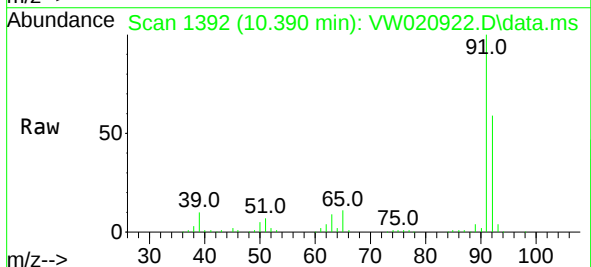
Manual Integrations
APPROVED

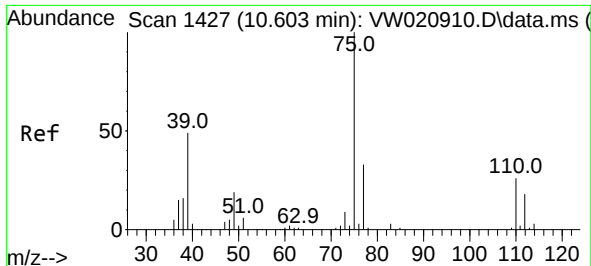
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#52
Toluene
Concen: 50.595 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

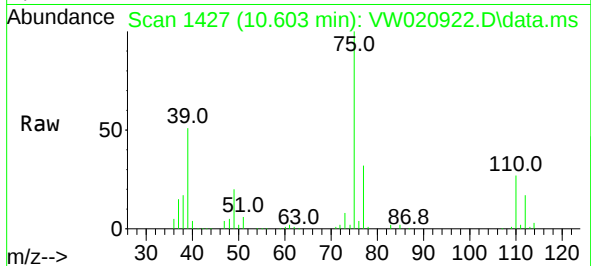
Tgt Ion: 92 Resp: 102398
Ion Ratio Lower Upper
92 100
91 172.4 137.1 205.7





#53
 t-1,3-Dichloropropene
 Concen: 49.148 ug/l
 RT: 10.603 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

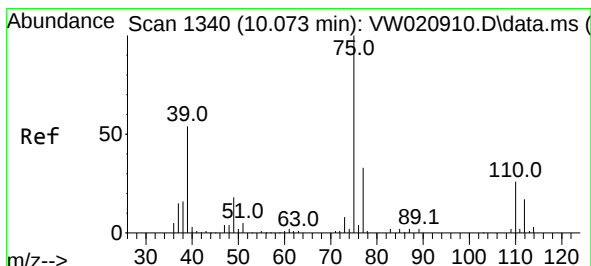
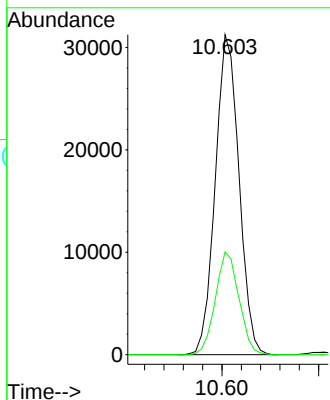
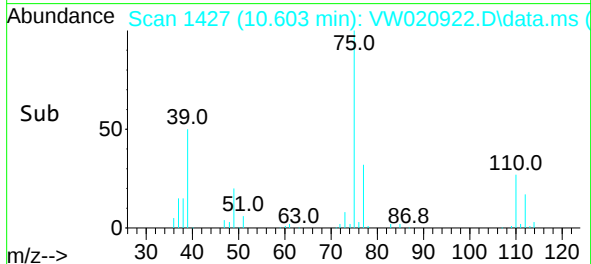
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



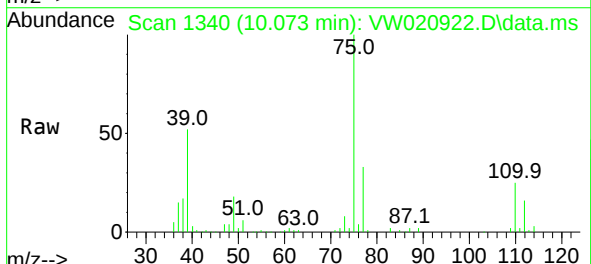
Tgt Ion: 75 Resp: 53039
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1

Manual Integrations
 APPROVED

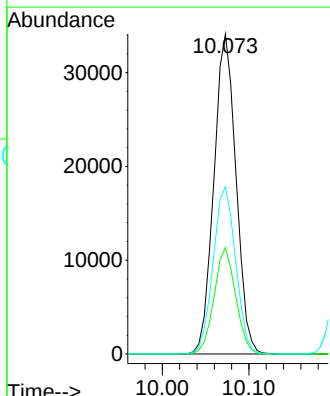
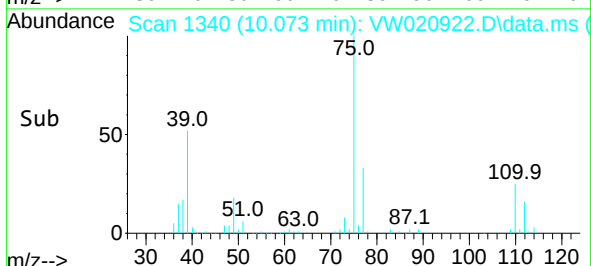
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

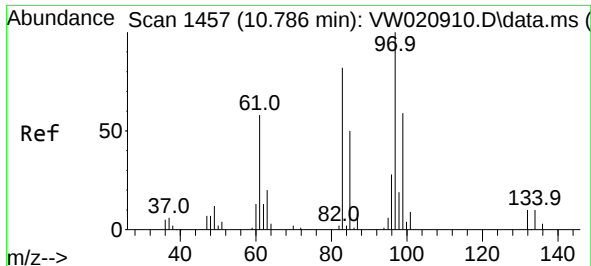


#54
 cis-1,3-Dichloropropene
 Concen: 49.497 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25



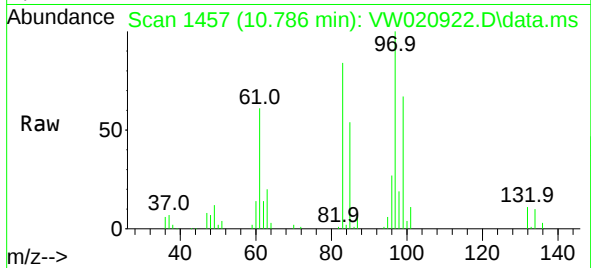
Tgt Ion: 75 Resp: 60447
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.2 39.4
 39 52.2 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 47.740 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

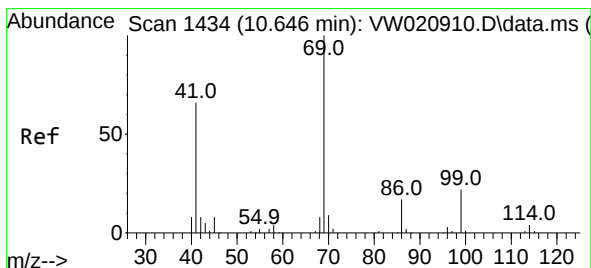
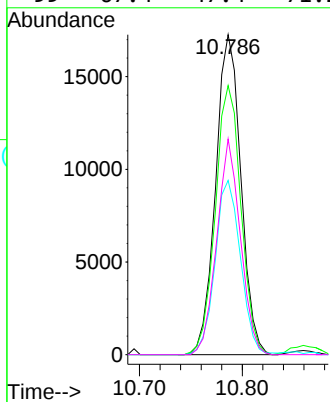
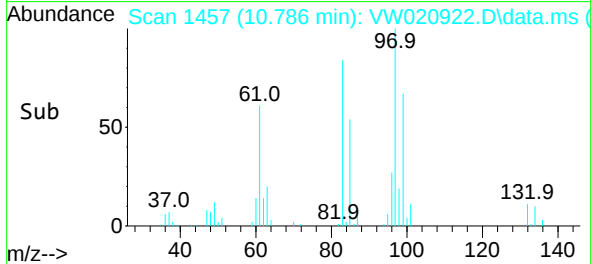
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



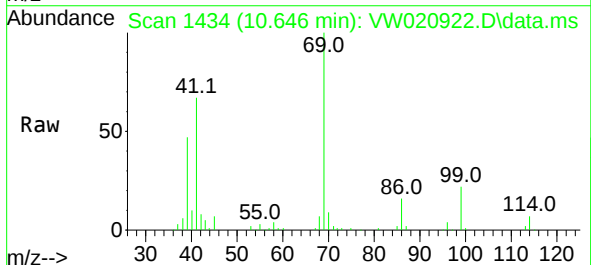
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.4	98.2
85	54.4	39.9	59.9
99	67.4	47.4	71.2

Manual Integrations
APPROVED

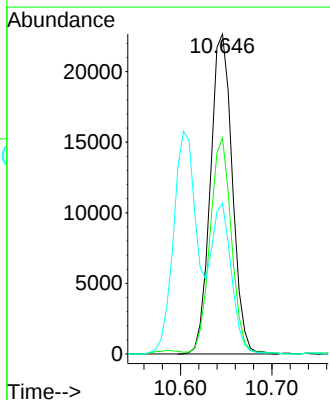
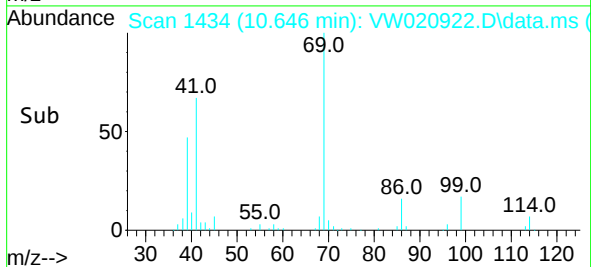
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

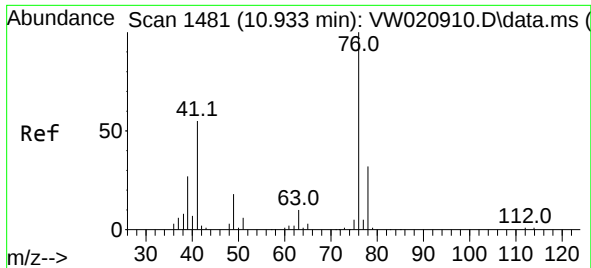


#56
Ethyl methacrylate
Concen: 48.066 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



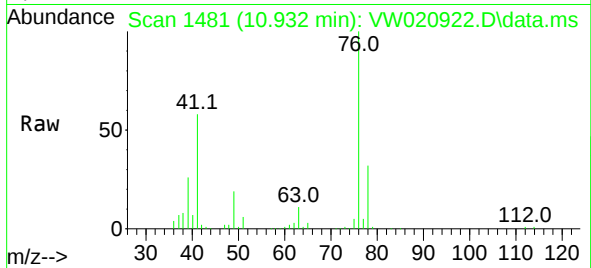
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.9	79.3
39	42.2	33.7	50.5





#57
1,3-Dichloropropane
Concen: 47.988 ug/l
RT: 10.932 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

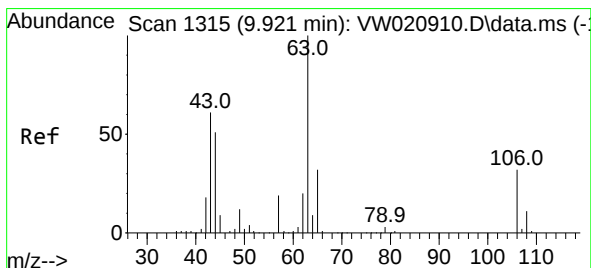
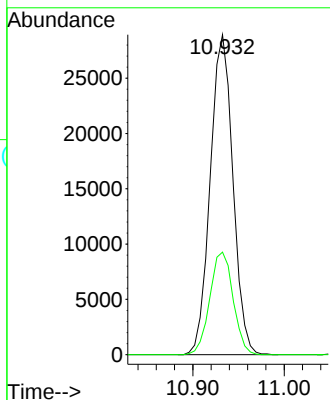
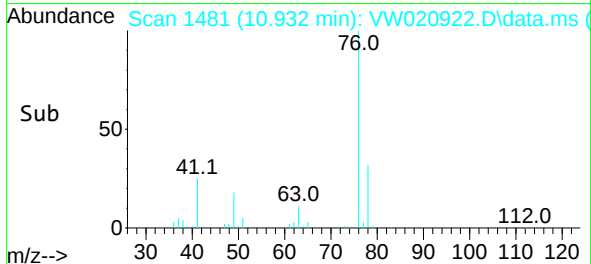
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



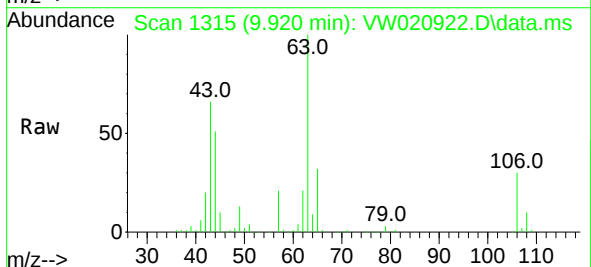
Tgt Ion: 76 Resp: 49762
Ion Ratio Lower Upper
76 100
78 33.0 26.0 39.0

Manual Integrations
APPROVED

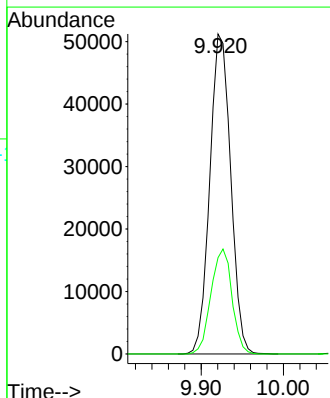
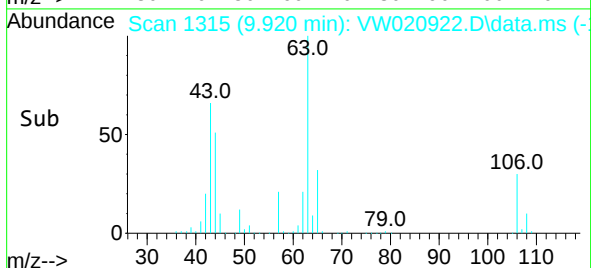
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

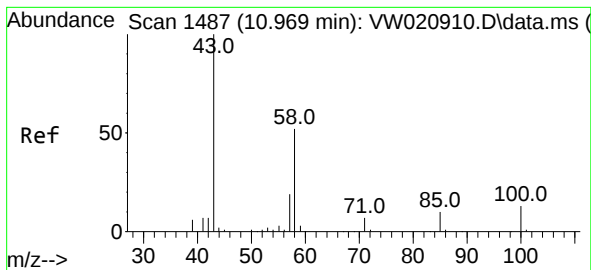


#58
2-Chloroethyl Vinyl ether
Concen: 229.155 ug/l
RT: 9.920 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



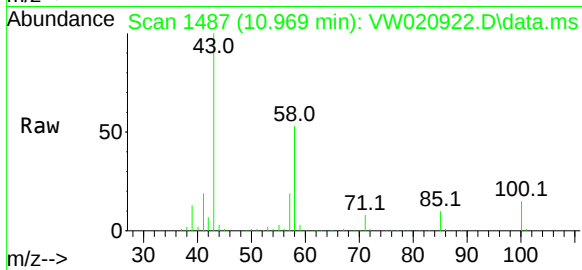
Tgt Ion: 63 Resp: 90447
Ion Ratio Lower Upper
63 100
106 32.9 26.3 39.5





#59
2-Hexanone
Concen: 246.426 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

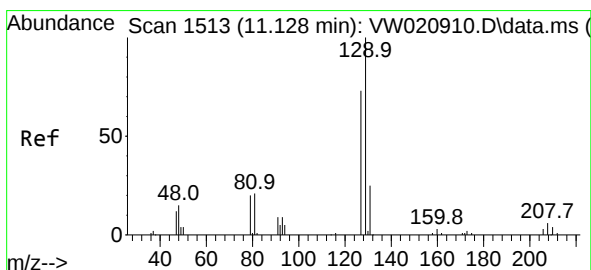
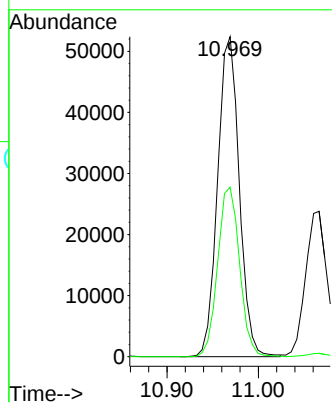
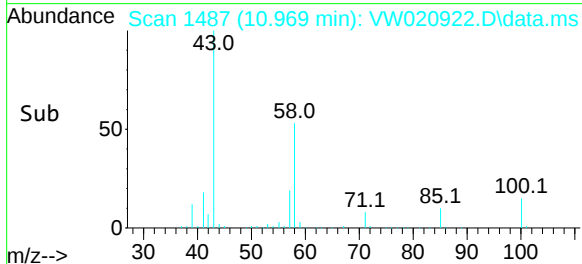
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 86275
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.0

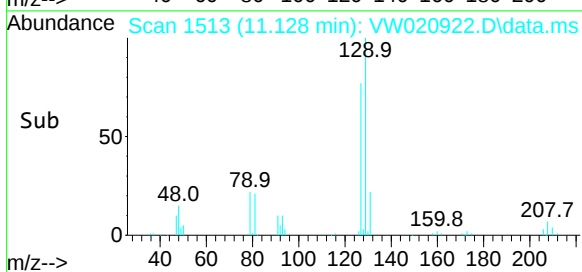
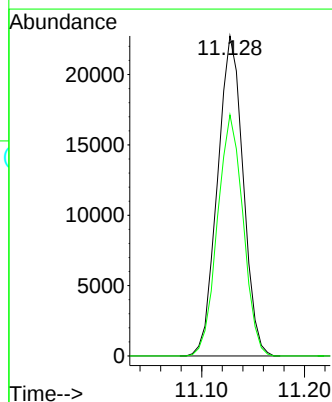
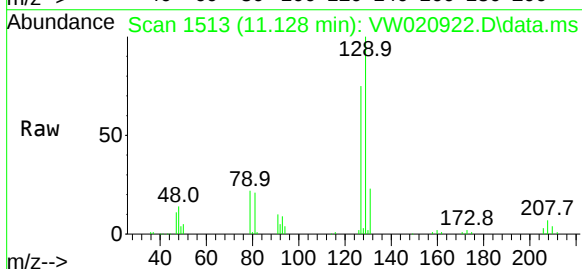
Manual Integrations
APPROVED

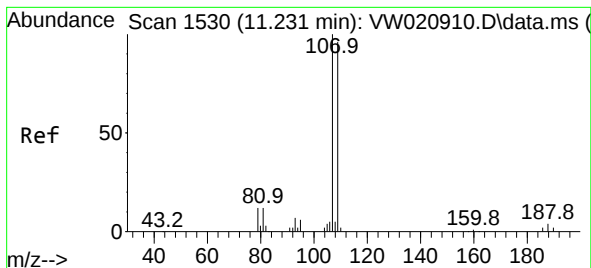
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#60
Dibromochloromethane
Concen: 50.755 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:129 Resp: 39410
Ion Ratio Lower Upper
129 100
127 75.3 38.4 115.1





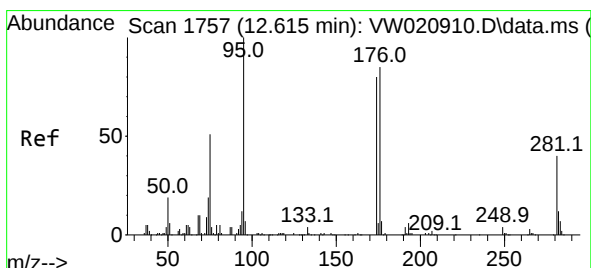
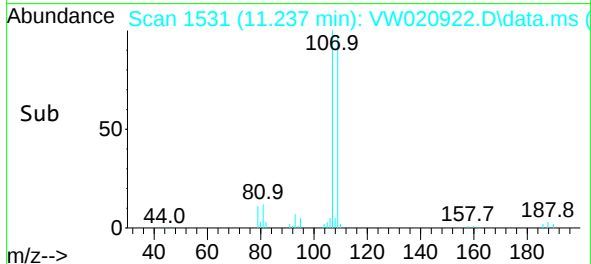
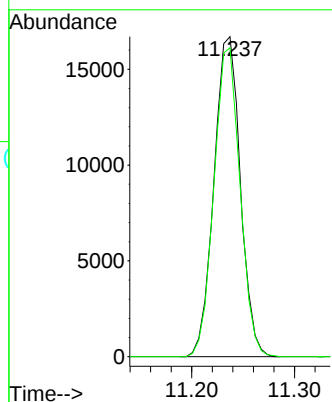
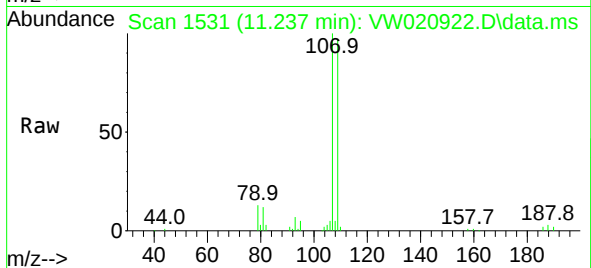
#61
1,2-Dibromoethane
Concen: 48.651 ug/l
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 29730
Ion Ratio Lower Upper
107 100
109 95.6 74.1 111.1

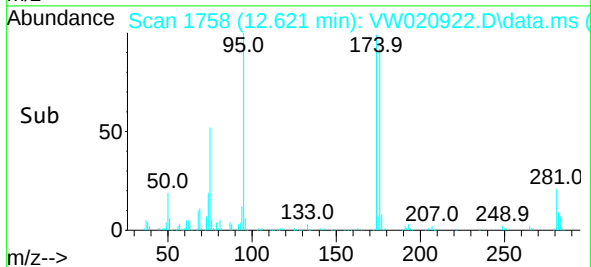
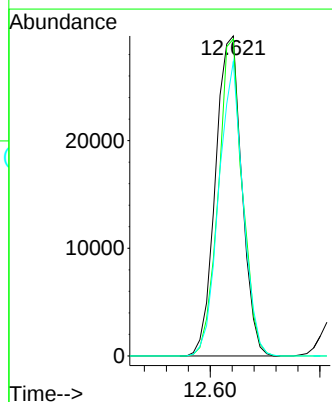
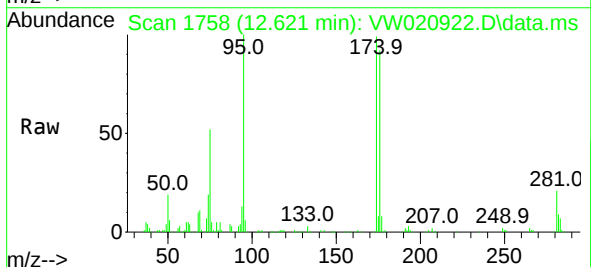
Manual Integrations
APPROVED

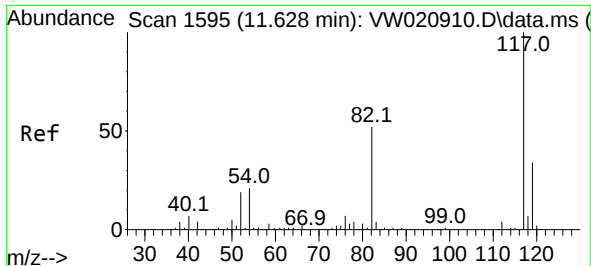
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#62
4-Bromofluorobenzene
Concen: 46.910 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

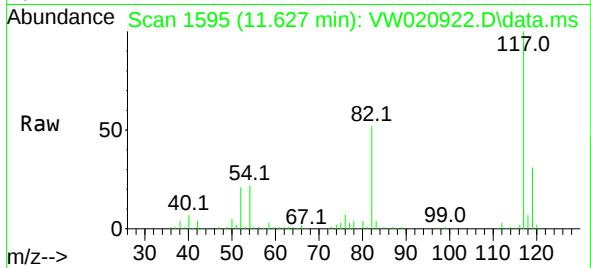
Tgt Ion: 95 Resp: 49470
Ion Ratio Lower Upper
95 100
174 90.9 0.0 171.2
176 84.8 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

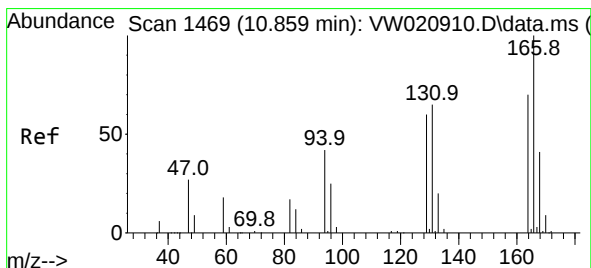
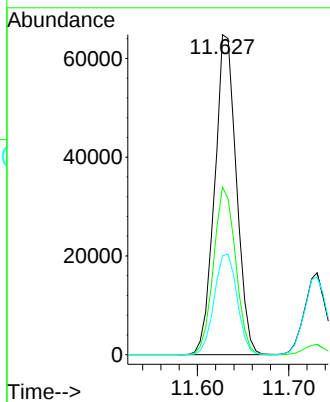
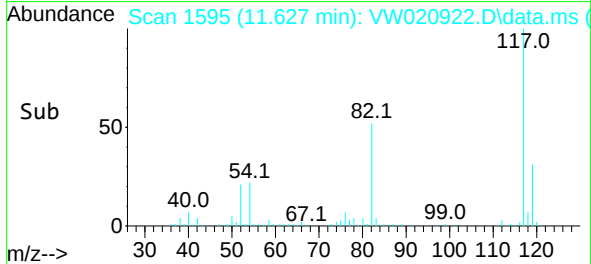
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 10722
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 30.9 27.2 40.8

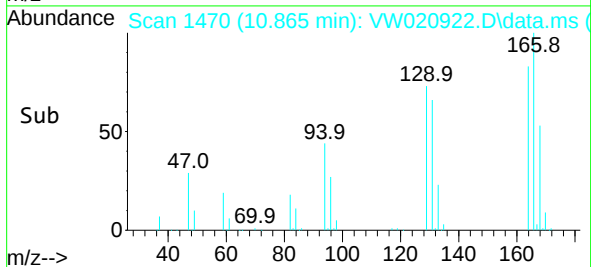
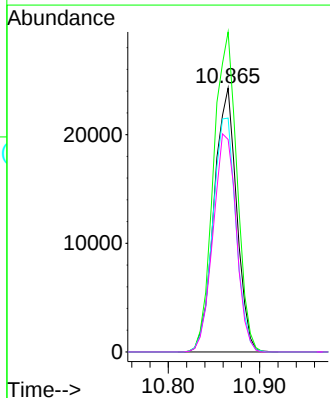
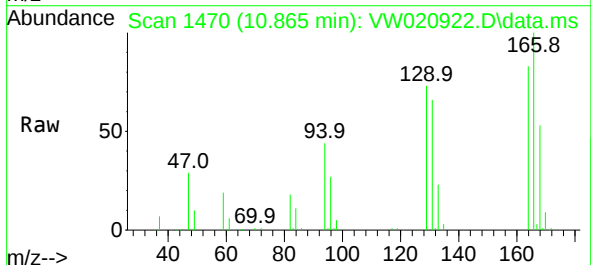
Manual Integrations
APPROVED

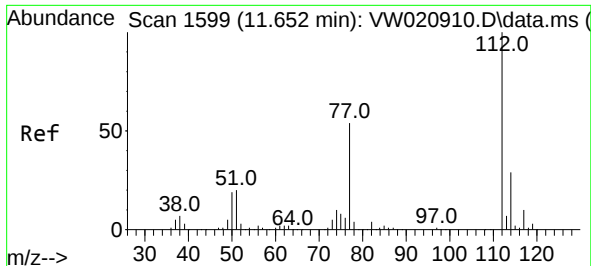
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#64
Tetrachloroethene
Concen: 52.355 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:164 Resp: 41707
Ion Ratio Lower Upper
164 100
166 121.2 114.4 171.6
129 88.6 68.3 102.5
131 80.5 74.1 111.1





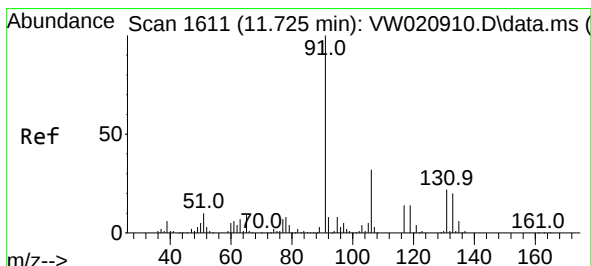
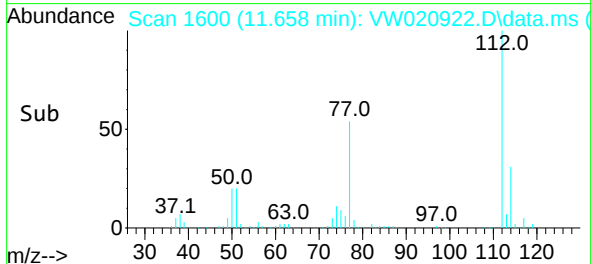
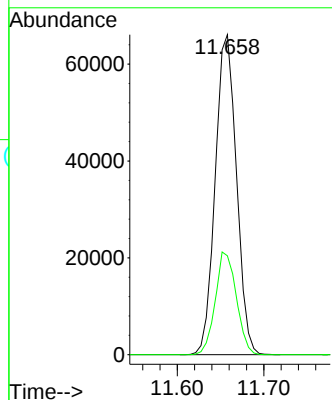
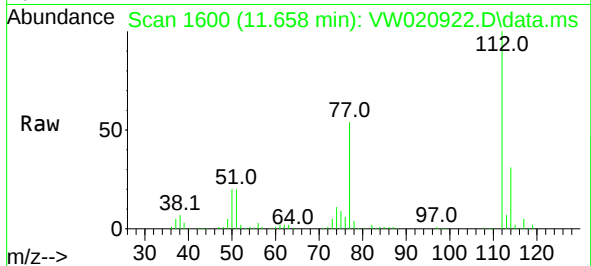
#65
Chlorobenzene
Concen: 52.146 ug/l
RT: 11.658 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 112410
Ion Ratio Lower Upper
112 100
114 30.9 23.0 34.6

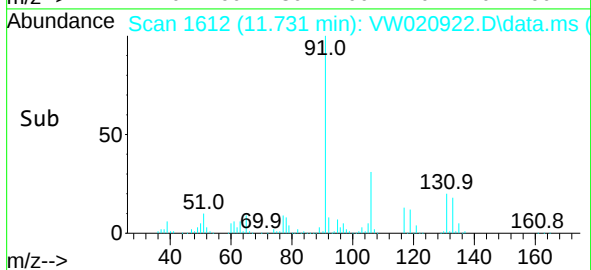
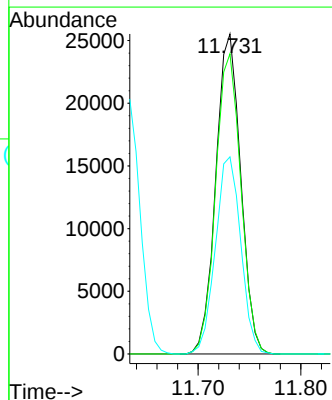
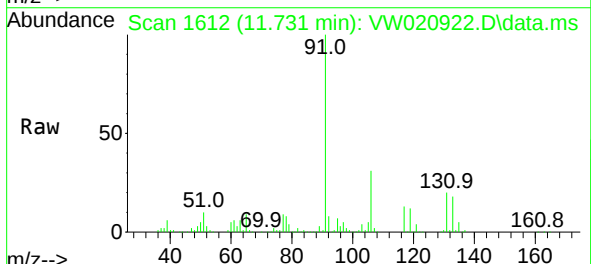
Manual Integrations
APPROVED

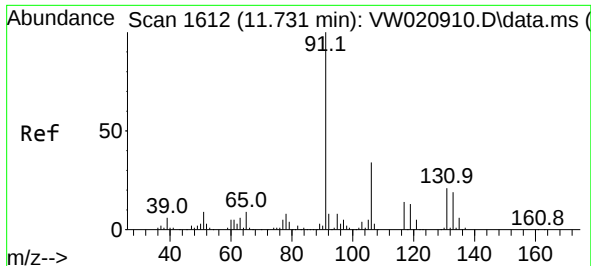
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 53.600 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:131 Resp: 42965
Ion Ratio Lower Upper
131 100
133 95.2 46.6 139.7
119 62.8 32.2 96.6





#67

Ethyl Benzene

Concen: 53.612 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 202825

Ion Ratio Lower Upper

91 100

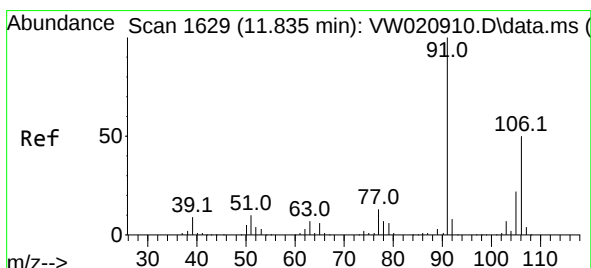
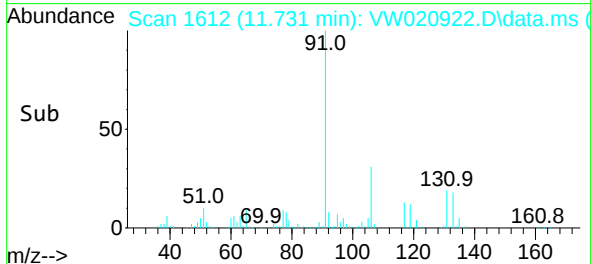
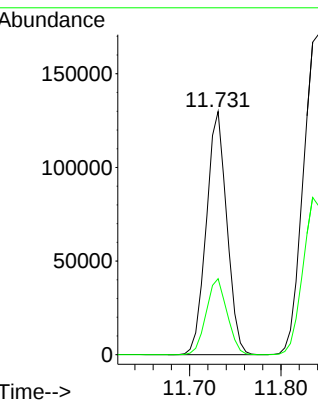
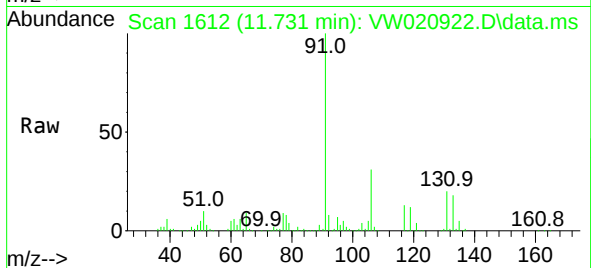
106 31.3 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#68

m/p-Xylenes

Concen: 105.505 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW020922.D

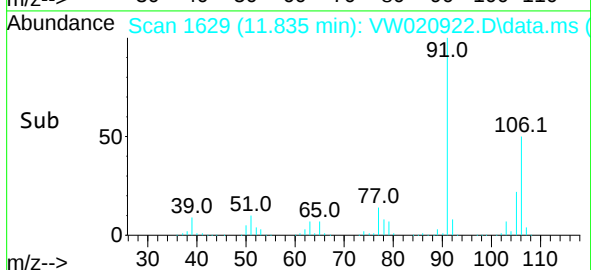
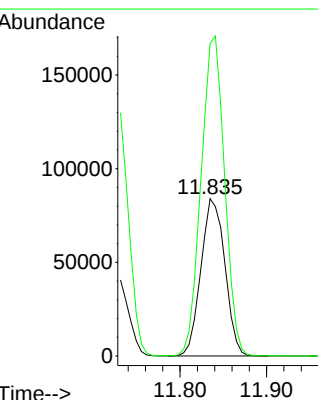
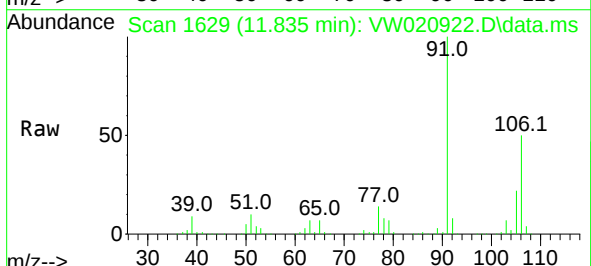
Acq: 18 Nov 2021 12:25

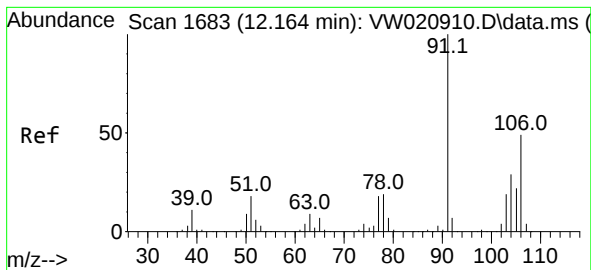
Tgt Ion:106 Resp: 161367

Ion Ratio Lower Upper

106 100

91 199.7 157.8 236.8





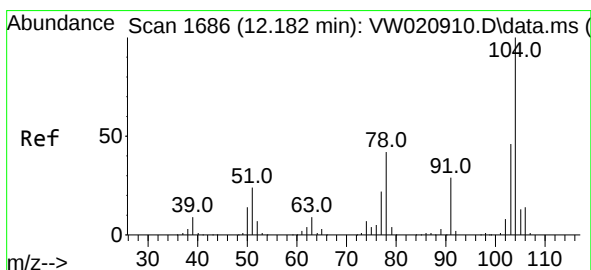
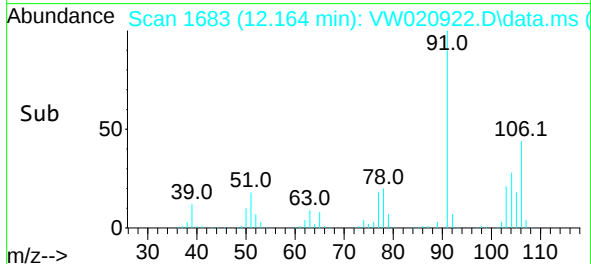
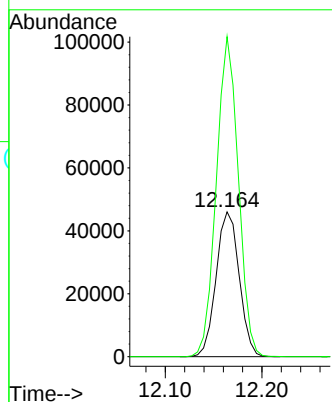
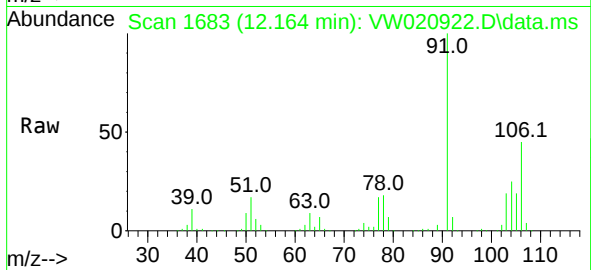
#69
o-Xylene
Concen: 53.135 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 76200
Ion Ratio Lower Upper
106 100
91 210.6 104.3 312.9

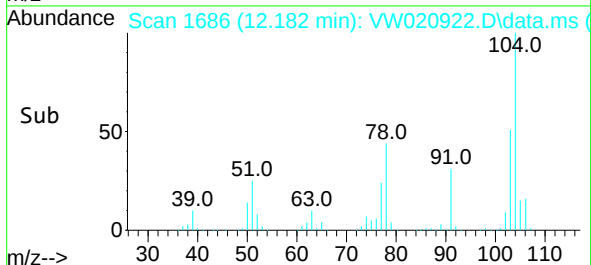
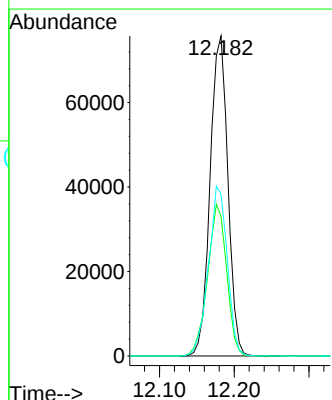
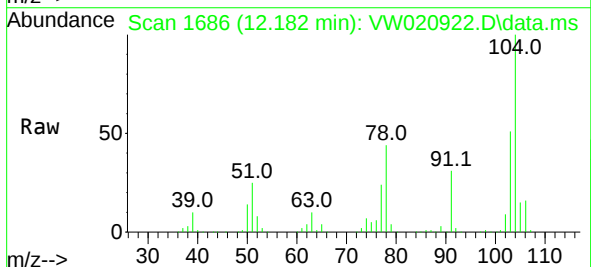
Manual Integrations
APPROVED

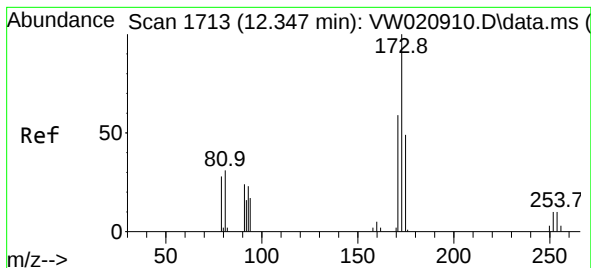
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#70
Styrene
Concen: 51.853 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:104 Resp: 124902
Ion Ratio Lower Upper
104 100
78 50.7 39.4 59.2
103 56.4 42.6 63.8





#71

Bromoform

Concen: 51.595 ug/l

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

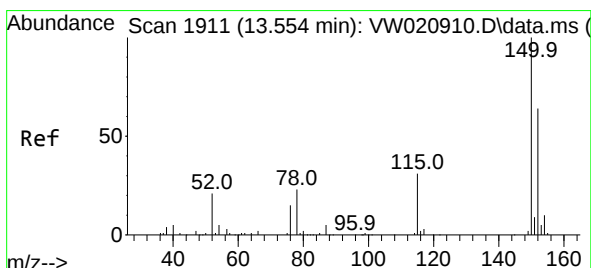
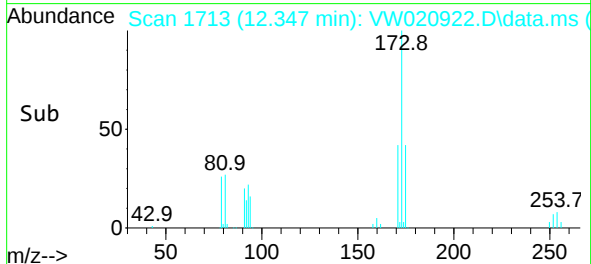
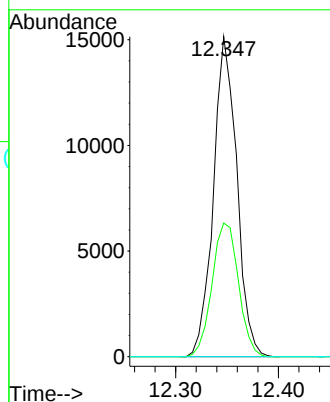
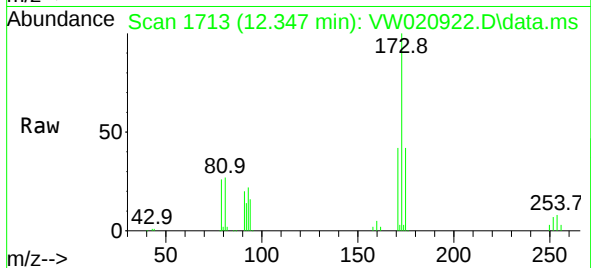
VSTDCCC050

Tgt Ion:173	Resp:	23900
Ion Ratio	Lower	Upper
173	100	
175	47.2	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

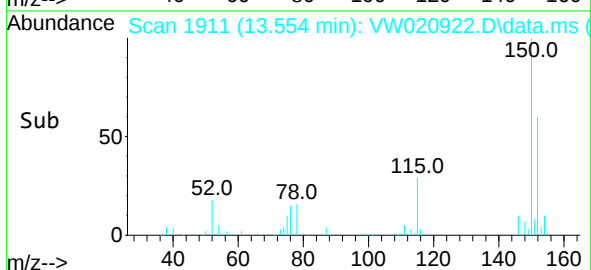
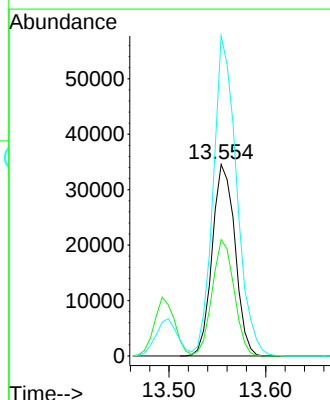
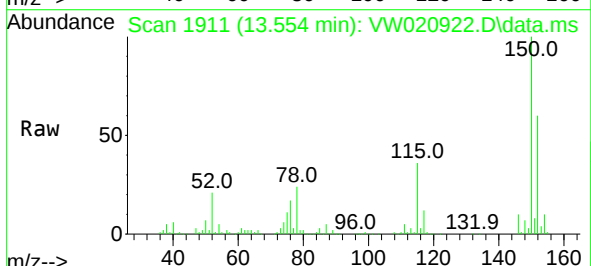
RT: 13.554 min Scan# 1911

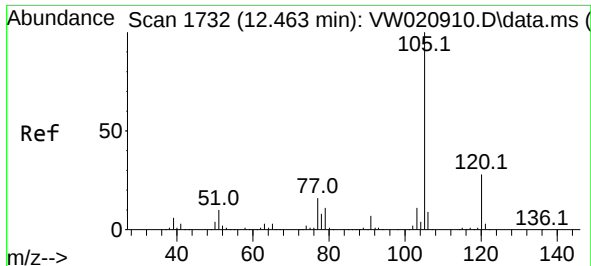
Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

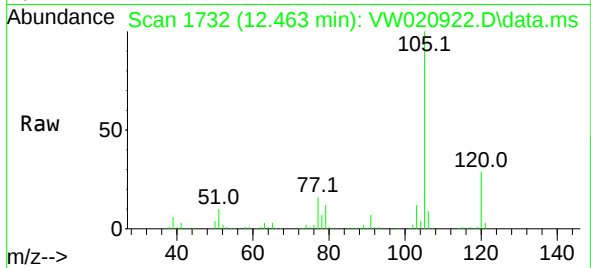
Tgt Ion:152	Resp:	56485
Ion Ratio	Lower	Upper
152	100	
115	58.6	27.8 83.3
150	172.0	0.0 348.4





#73
Isopropylbenzene
Concen: 53.208 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

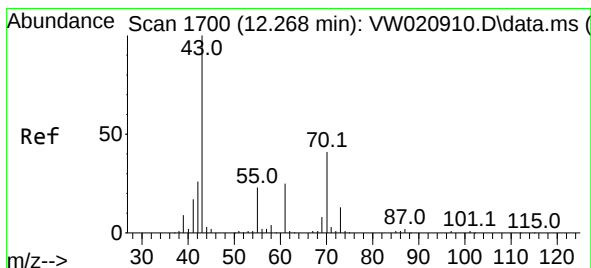
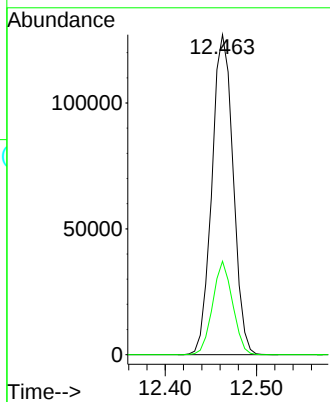
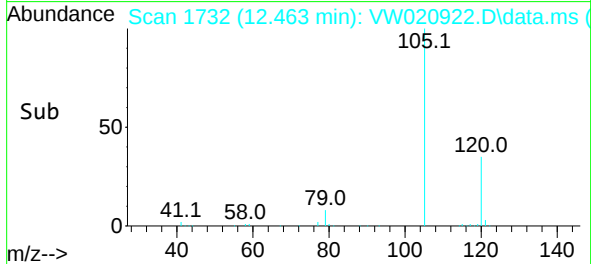
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 205380
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.7

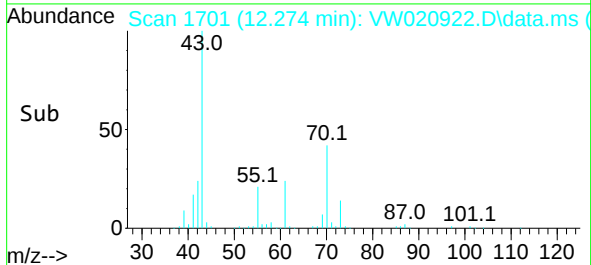
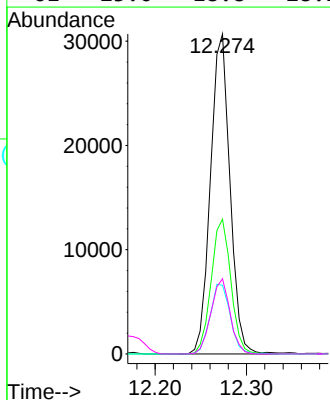
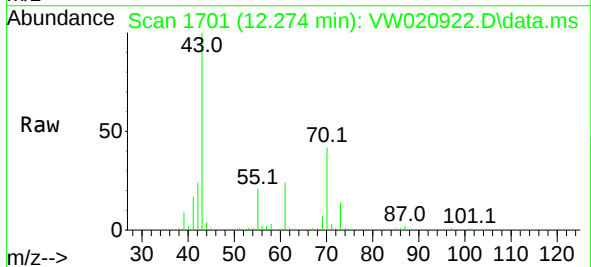
Manual Integrations
APPROVED

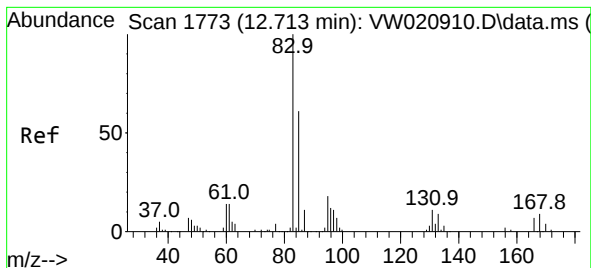
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#74
N-ethyl acetate
Concen: 49.381 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

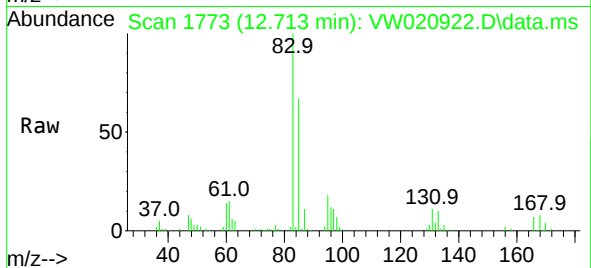
Tgt Ion: 43 Resp: 45401
Ion Ratio Lower Upper
43 100
70 42.5 33.7 50.5
55 22.6 18.5 27.7
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.750 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

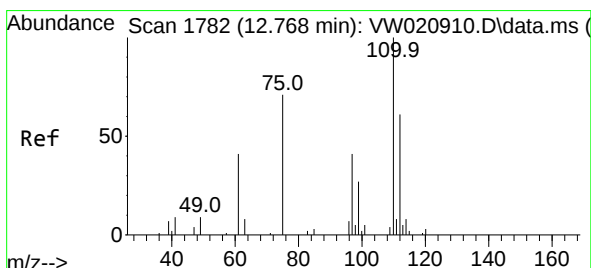
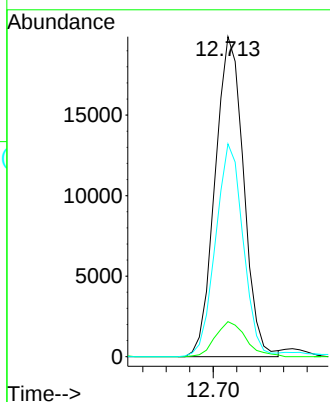
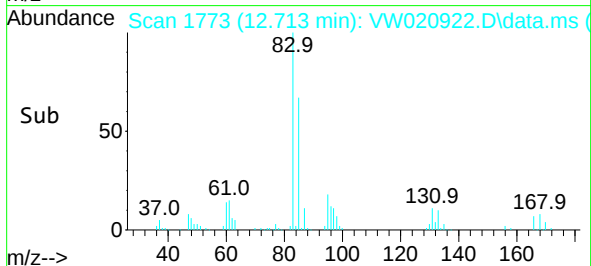
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



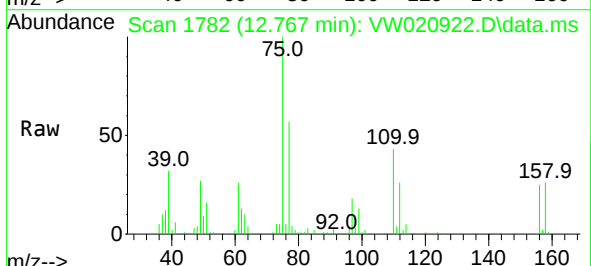
Tgt Ion: 83 Resp: 3350
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 64.5 32.0 96.0

Manual Integrations
APPROVED

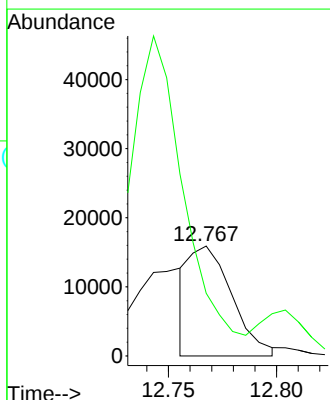
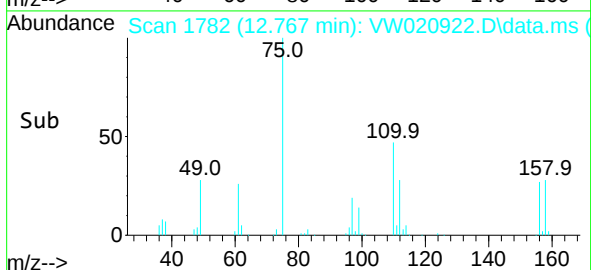
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

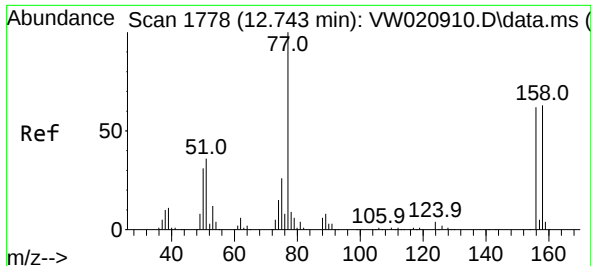


#76
1,2,3-Trichloropropane
Concen: 43.094 ug/l m
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



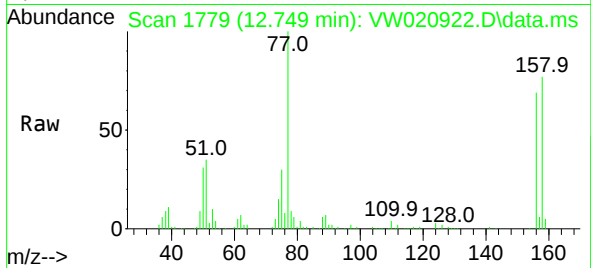
Tgt Ion: 75 Resp: 21870
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.010 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

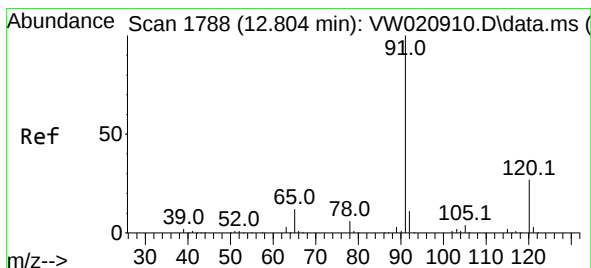
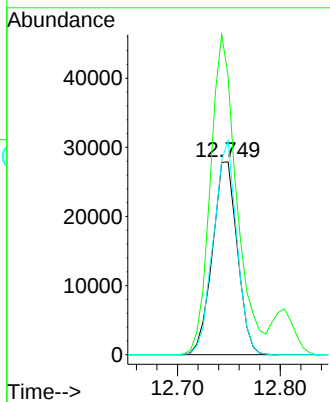
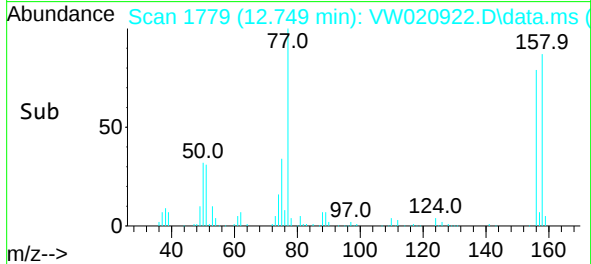
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



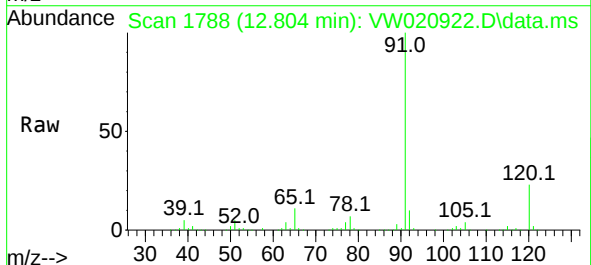
Tgt Ion: 156 Resp: 4688
Ion Ratio Lower Upper
156 100
77 175.6 87.0 261.0
158 103.9 49.8 149.4

Manual Integrations
APPROVED

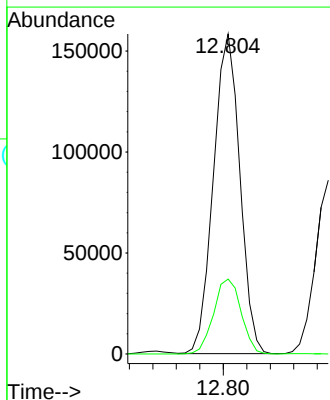
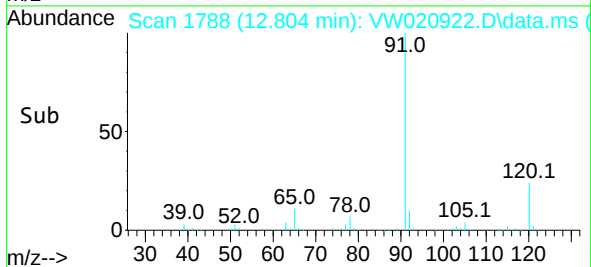
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

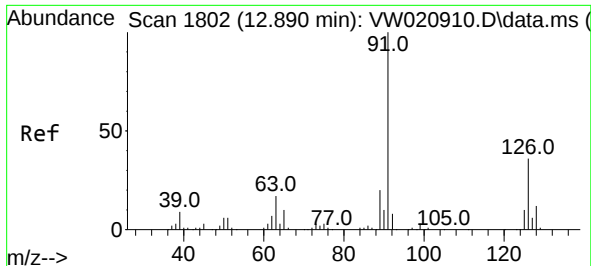


#78
n-propylbenzene
Concen: 54.396 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



Tgt Ion: 91 Resp: 247301
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.4





#79

2-Chlorotoluene

Concen: 53.624 ug/l

RT: 12.889 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 14090

Ion Ratio Lower Upper

91 100

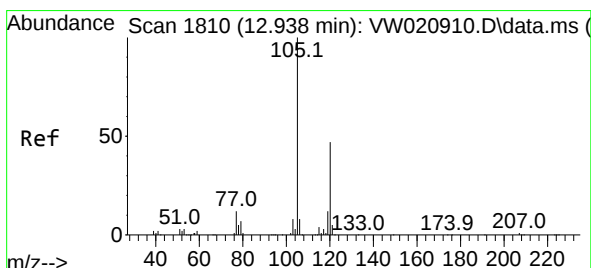
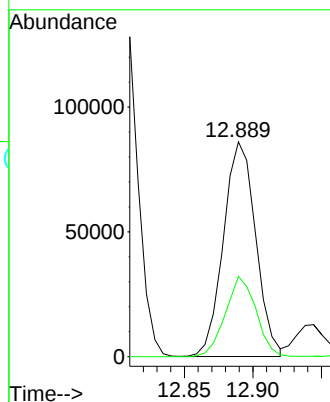
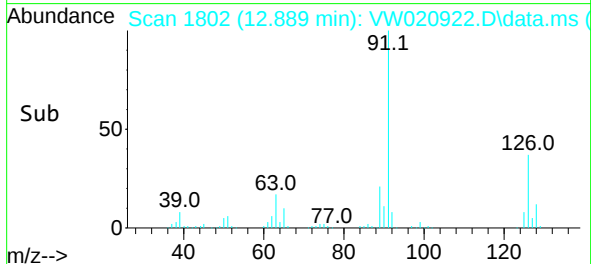
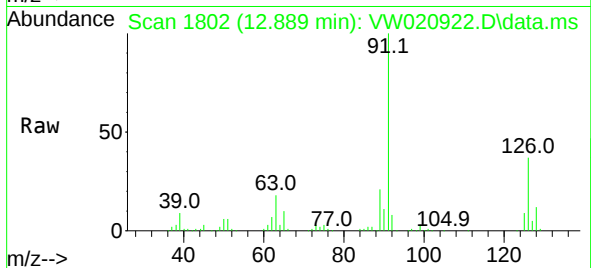
126 35.6 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#80

1,3,5-Trimethylbenzene

Concen: 52.747 ug/l

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020922.D

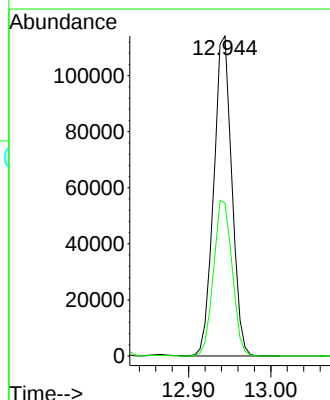
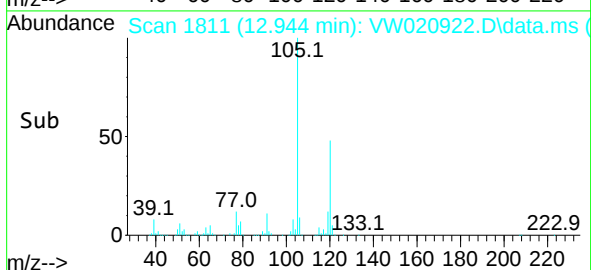
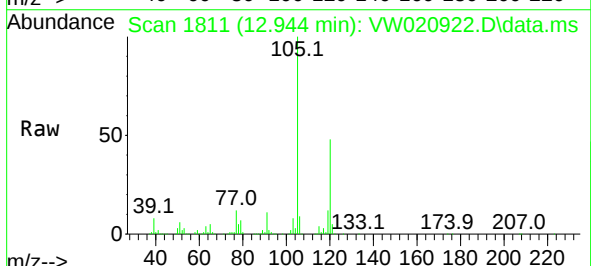
Acq: 18 Nov 2021 12:25

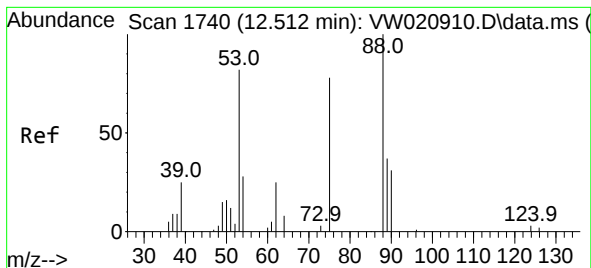
Tgt Ion:105 Resp: 174598

Ion Ratio Lower Upper

105 100

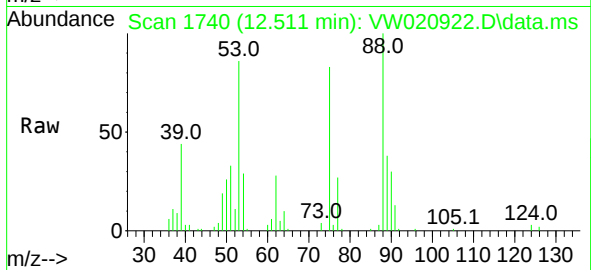
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.337 ug/l
RT: 12.511 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

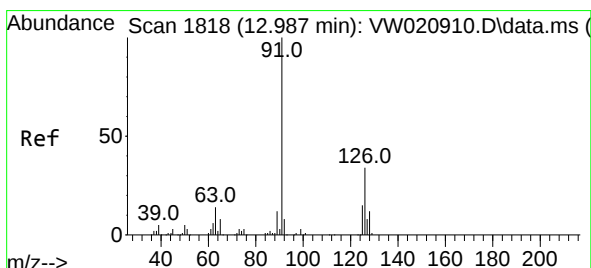
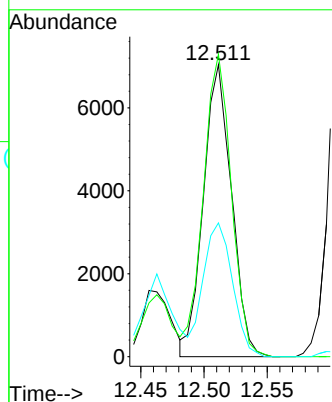
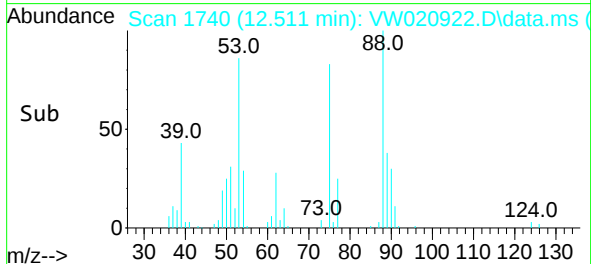
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 10860
Ion Ratio Lower Upper
75 100
53 103.7 81.8 122.8
89 47.9 38.6 57.8

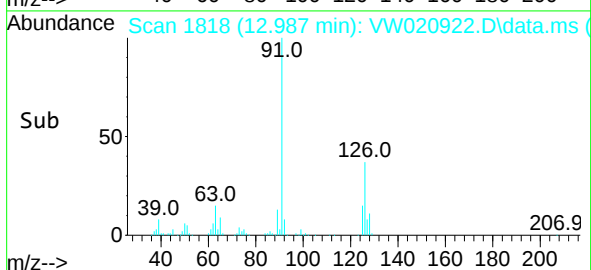
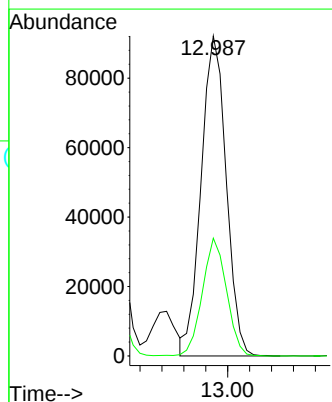
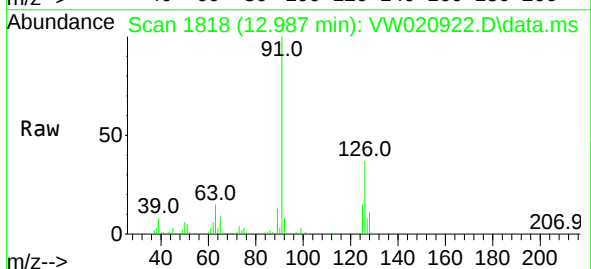
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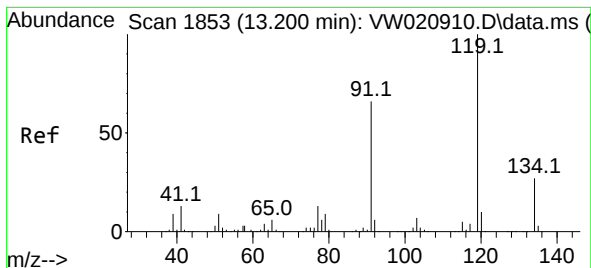
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#82
4-Chlorotoluene
Concen: 52.430 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion: 91 Resp: 146096
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.226 ug/l

RT: 13.206 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 154509

Ion Ratio Lower Upper

119 100

91 66.4 32.6 97.8

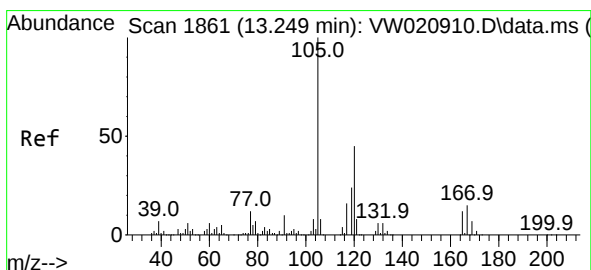
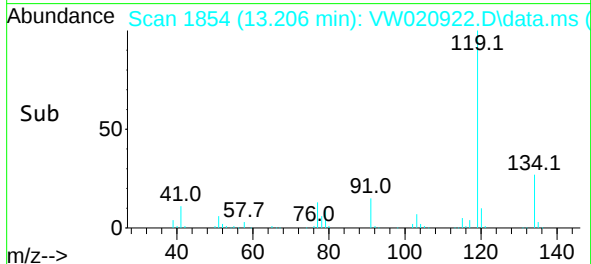
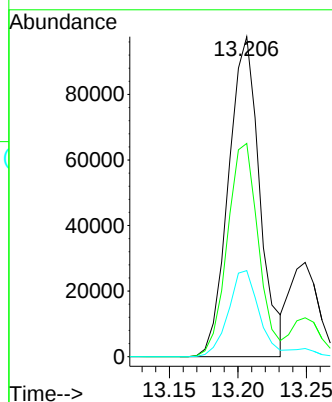
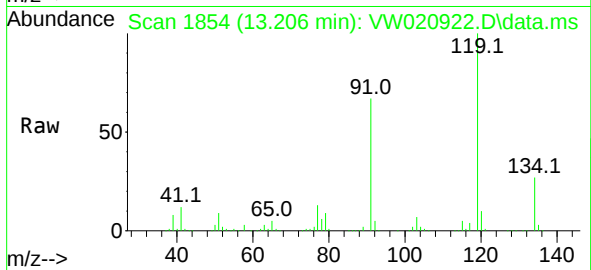
134 26.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#84

1,2,4-Trimethylbenzene

Concen: 53.192 ug/l

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020922.D

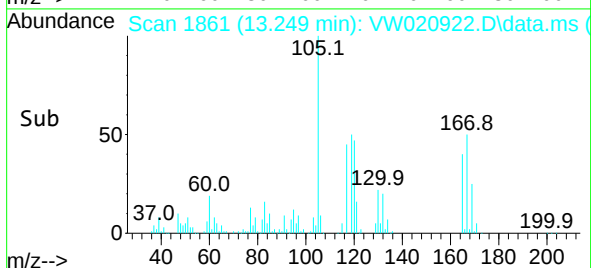
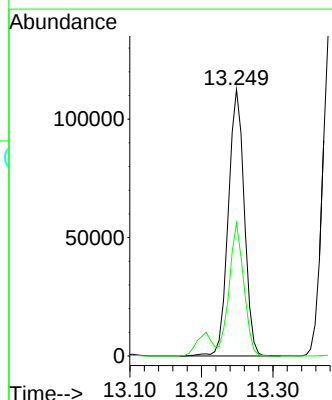
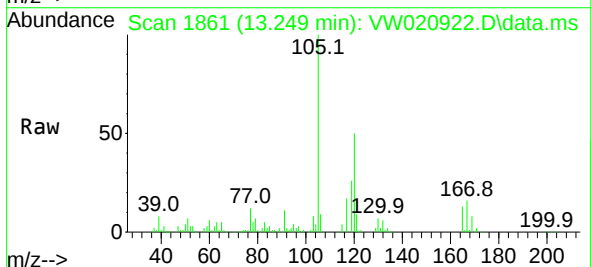
Acq: 18 Nov 2021 12:25

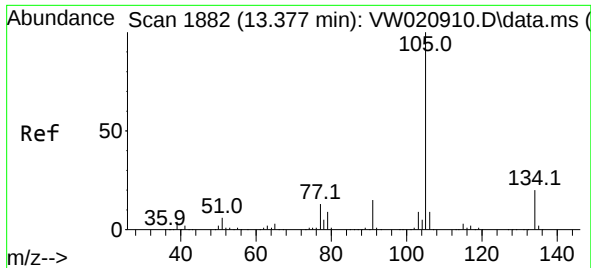
Tgt Ion:105 Resp: 173865

Ion Ratio Lower Upper

105 100

120 46.1 22.7 68.1





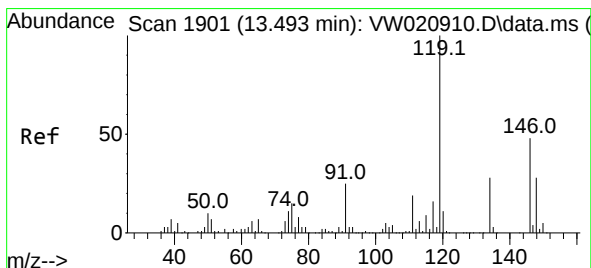
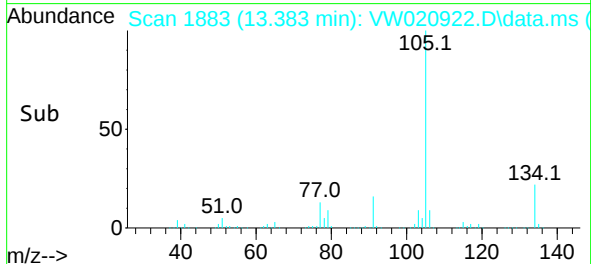
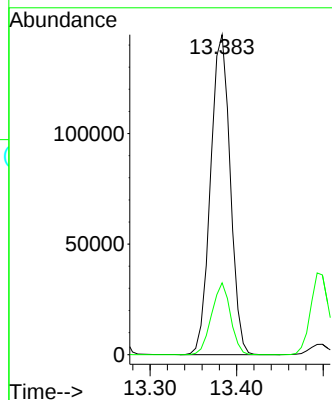
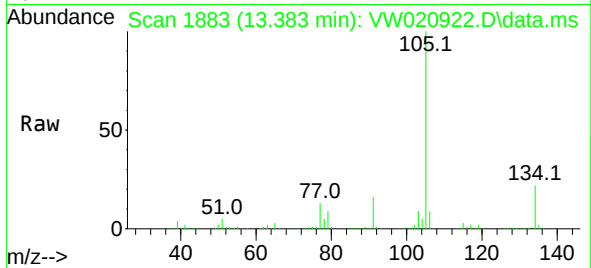
#85
 sec-Butylbenzene
 Concen: 53.502 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 22778
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4

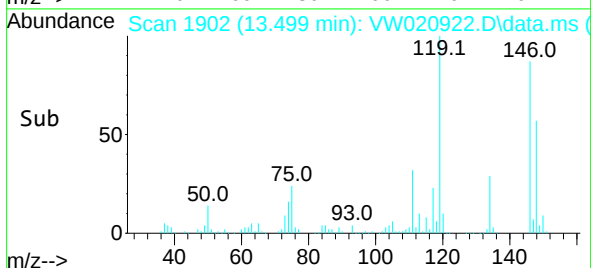
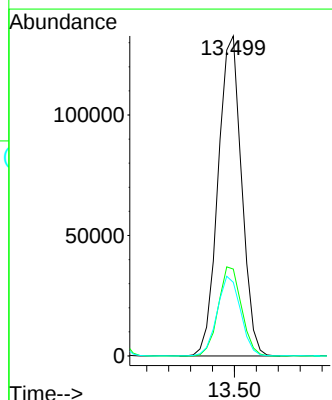
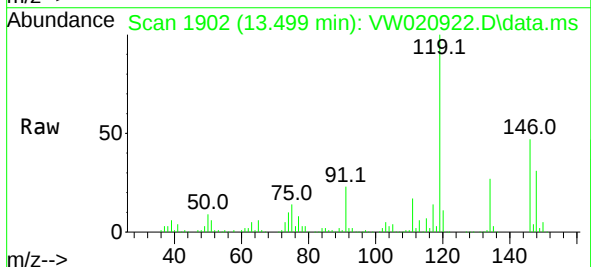
Manual Integrations
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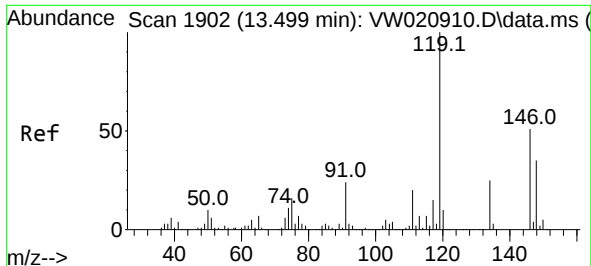
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#86
 p-Isopropyltoluene
 Concen: 53.876 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW020922.D
 Acq: 18 Nov 2021 12:25

Tgt Ion:119 Resp: 197746
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 24.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 53.182 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

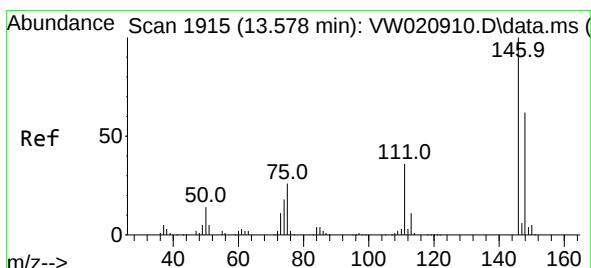
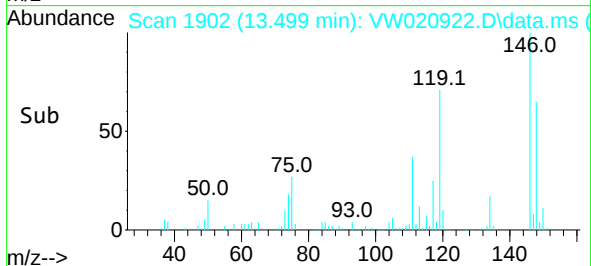
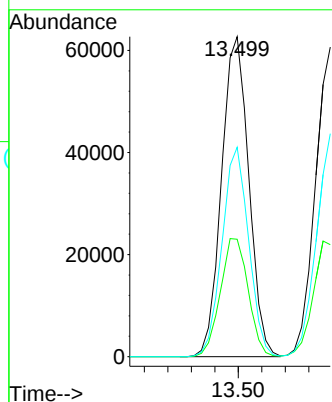
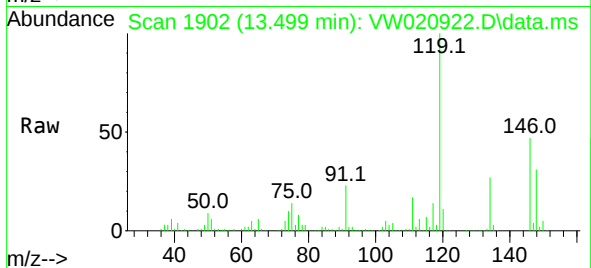
Tgt Ion:146 Resp: 10105

Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.0	59.9
148	63.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#88

1,4-Dichlorobenzene

Concen: 50.942 ug/l

RT: 13.578 min Scan# 1915

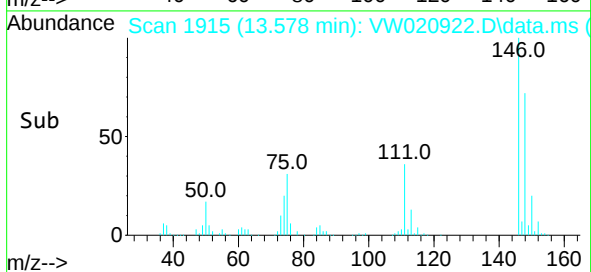
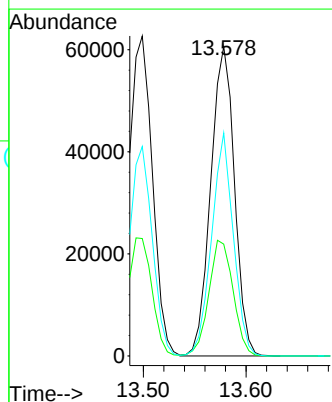
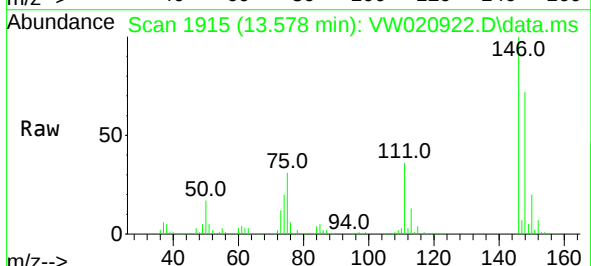
Delta R.T. -0.000 min

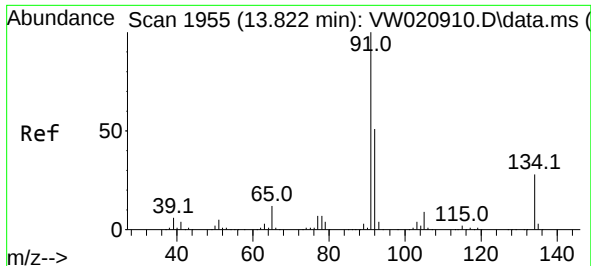
Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Tgt Ion:146 Resp: 97270

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	66.1	31.1	93.2





#89

n-Butylbenzene

Concen: 54.755 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

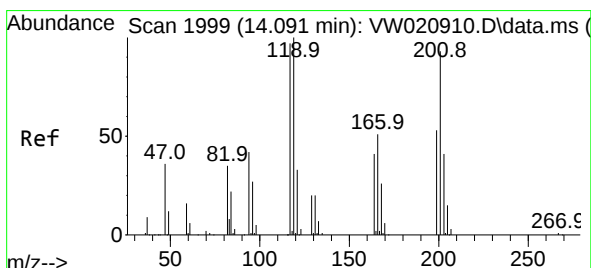
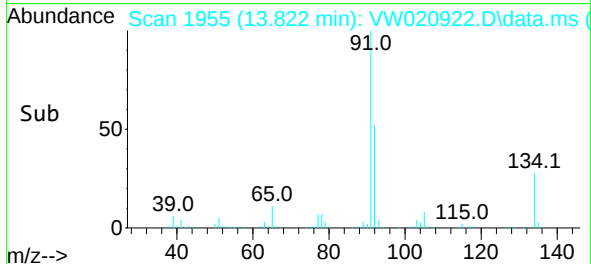
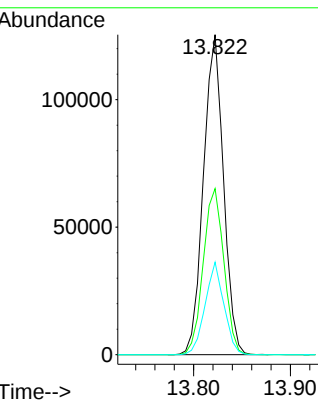
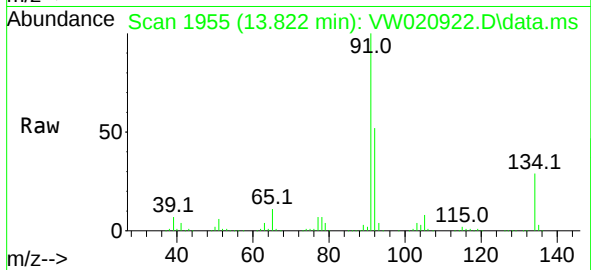
Tgt Ion: 91 Resp: 18045

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	27.2	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#90

Hexachloroethane

Concen: 53.545 ug/l

RT: 14.090 min Scan# 1999

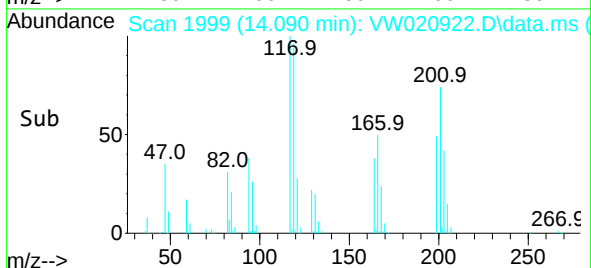
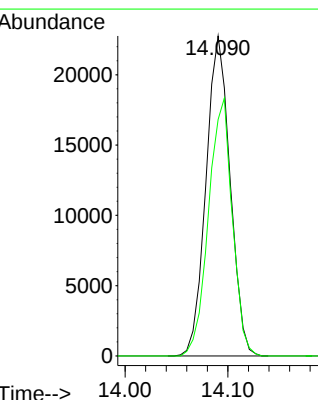
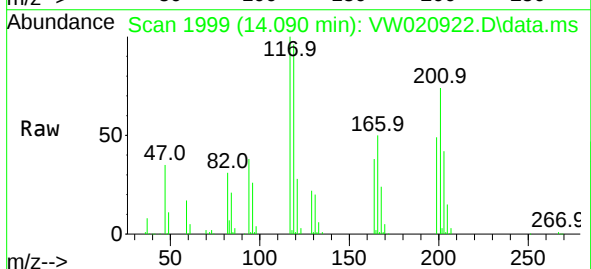
Delta R.T. -0.000 min

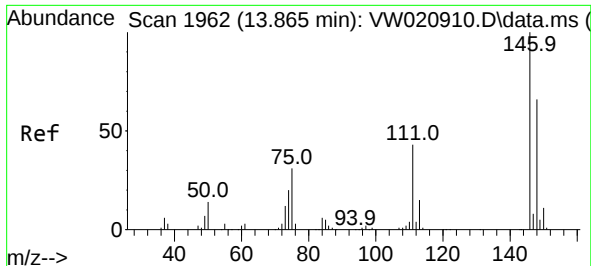
Lab File: VW020922.D

Acq: 18 Nov 2021 12:25

Tgt Ion:117 Resp: 37012

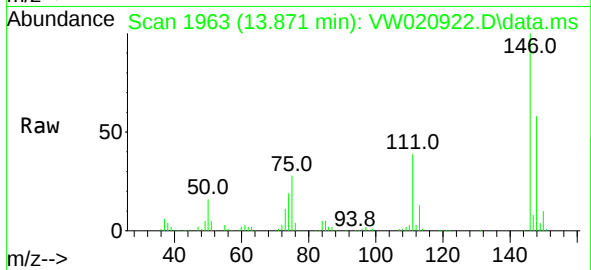
Ion	Ratio	Lower	Upper
117	100		
201	79.4	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 52.593 ug/l
RT: 13.871 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

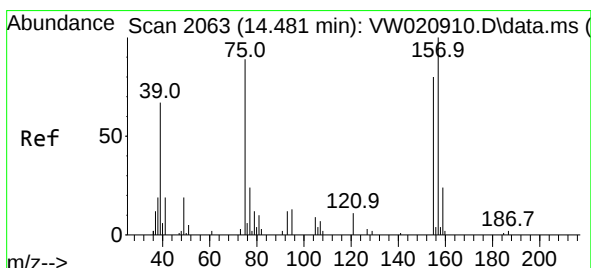
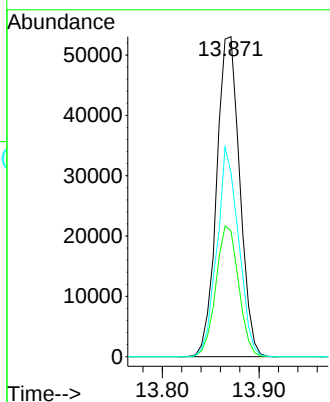
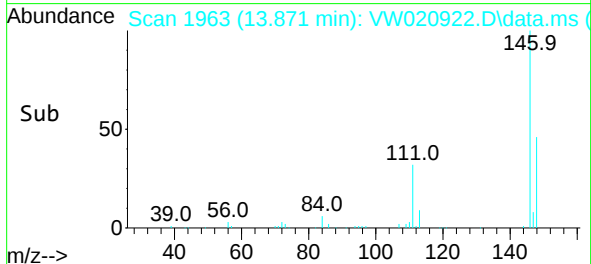
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



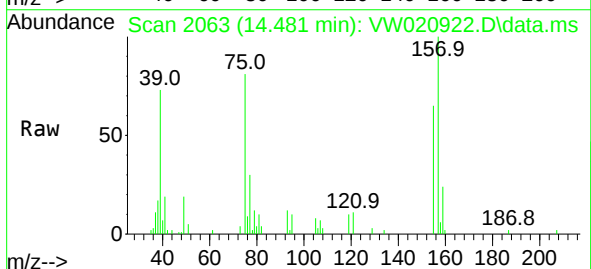
Tgt Ion:146 Resp: 8779
Ion Ratio Lower Upper
146 100
111 40.3 21.1 63.3
148 61.4 32.6 97.8

Manual Integrations
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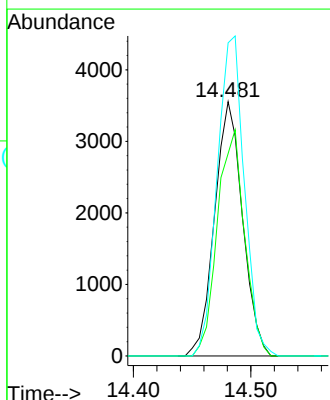
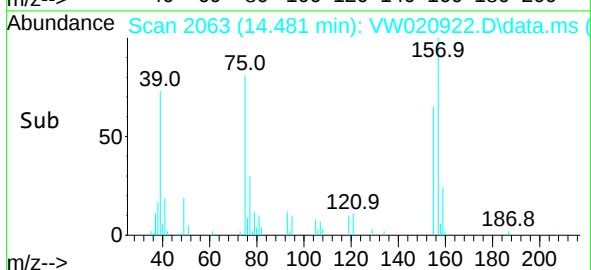
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

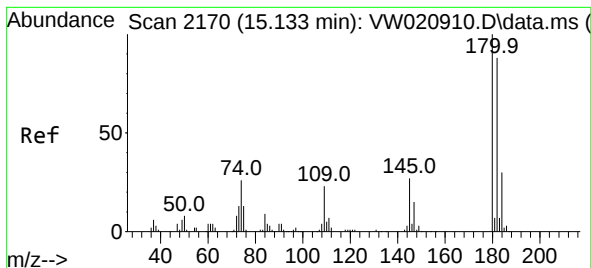


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.740 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



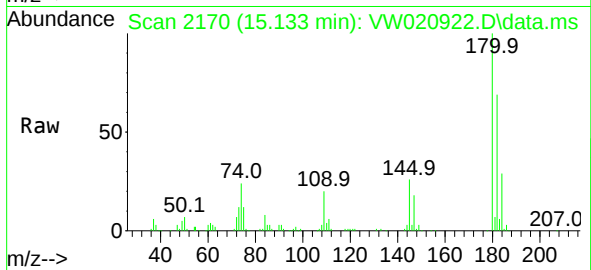
Tgt Ion: 75 Resp: 5882
Ion Ratio Lower Upper
75 100
155 86.4 45.9 137.6
157 122.0 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 52.995 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

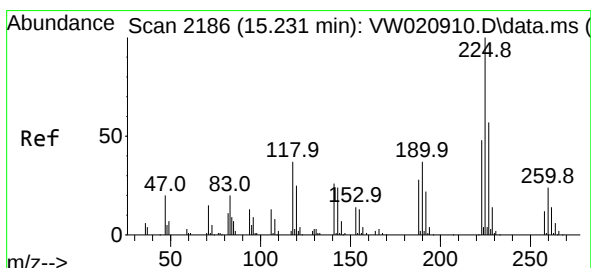
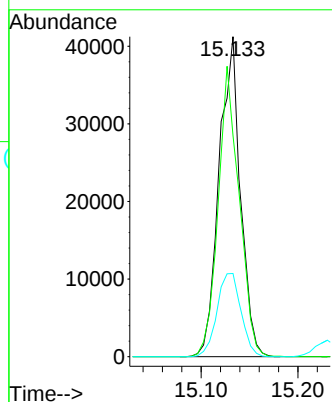
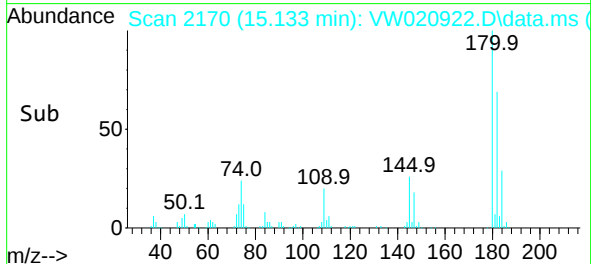
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



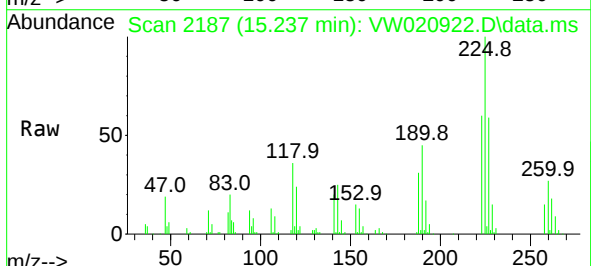
Tgt Ion:180 Resp: 63039
Ion Ratio Lower Upper
180 100
182 89.7 46.5 139.3
145 29.3 15.0 45.1

Manual Integrations
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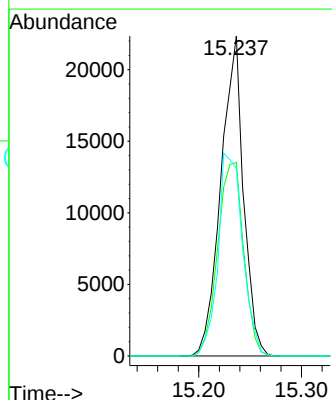
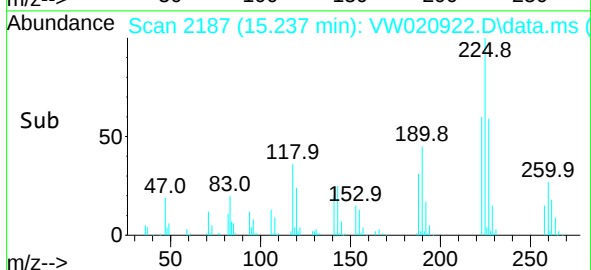
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

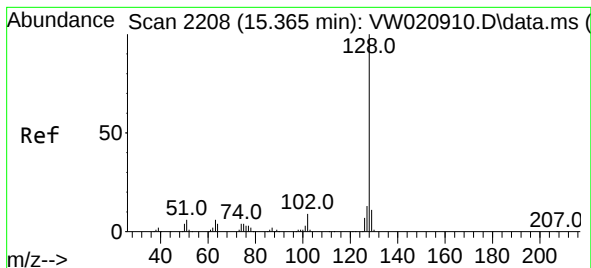


#94
Hexachlorobutadiene
Concen: 50.540 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25



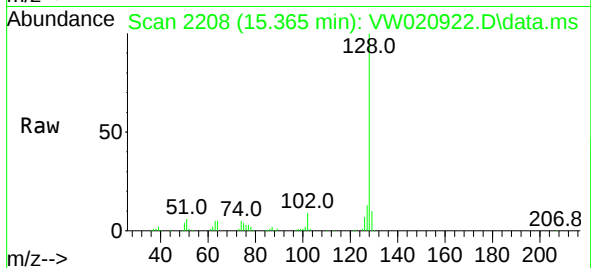
Tgt Ion:225 Resp: 34093
Ion Ratio Lower Upper
225 100
223 69.3 31.1 93.3
227 69.0 32.8 98.3





#95
Naphthalene
Concen: 49.031 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

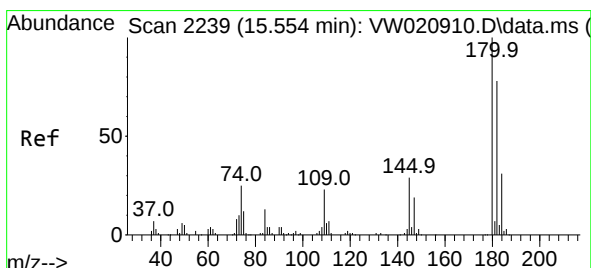
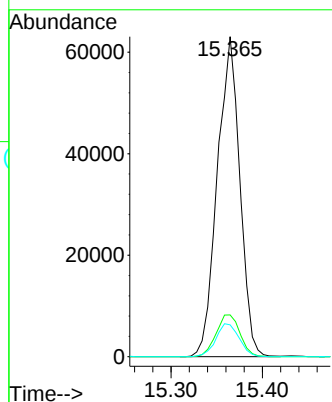
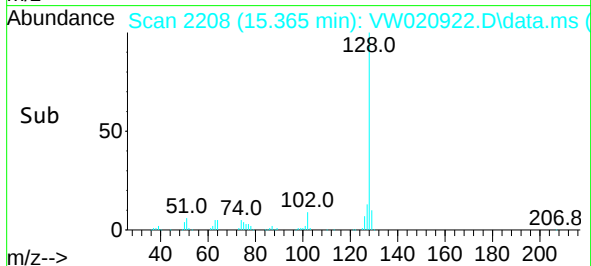
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 108098
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.562 ug/l
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020922.D
Acq: 18 Nov 2021 12:25

Tgt Ion:180 Resp: 51987
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.2 14.9 44.5

