

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020911.D
 Acq On : 17 Nov 2021 17:21
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 18 04:25:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:21:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	85281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	124692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	116395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	59362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	79378	84.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.780%#			
35) Dibromofluoromethane	7.884	113	80392	97.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.320%#			
50) Toluene-d8	10.323	98	297499	95.137	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 190.280%#			
62) 4-Bromofluorobenzene	12.615	95	106926	93.408	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 186.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	19961	90.988	ug/l	99
3) Chloromethane	2.208	50	52644	94.730	ug/l	99
4) Vinyl Chloride	2.355	62	88433	116.490	ug/l	99
5) Bromomethane	2.751	94	59859	128.781	ug/l	100
6) Chloroethane	2.903	64	36553	109.872	ug/l	100
7) Trichlorofluoromethane	3.245	101	35290	70.992	ug/l	96
8) Diethyl Ether	3.678	74	37783	92.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.056	101	73924	87.687	ug/l	99
10) Methyl Iodide	4.269	142	113613	105.535	ug/l	99
11) Tert butyl alcohol	5.177	59	27540	469.224	ug/l #	87
12) 1,1-Dichloroethene	4.031	96	72309	91.924	ug/l	98
13) Acrolein	3.891	56	6289	140.168	ug/l	97
14) Allyl chloride	4.659	41	106144	85.448	ug/l	99
15) Acrylonitrile	5.366	53	77917	387.329	ug/l	100
16) Acetone	4.129	43	76303	351.624	ug/l	98
17) Carbon Disulfide	4.379	76	204663	90.097	ug/l	99
18) Methyl Acetate	4.665	43	53527	77.785	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	120575	89.724	ug/l	95
20) Methylene Chloride	4.915	84	74517	64.535	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	83326	94.406	ug/l	98
22) Diisopropyl ether	6.311	45	214229	87.396	ug/l	99
23) Vinyl Acetate	6.250	43	635432	446.997	ug/l	100
24) 1,1-Dichloroethane	6.214	63	136682	86.703	ug/l	100
25) 2-Butanone	7.171	43	108708	395.013	ug/l	96
26) 2,2-Dichloropropane	7.165	77	90156	87.142	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	92683	97.873	ug/l	98
28) Bromochloromethane	7.512	49	58200	89.076	ug/l	100
29) Tetrahydrofuran	7.531	42	67299	399.721	ug/l	100
30) Chloroform	7.677	83	146821	88.363	ug/l	95
31) Cyclohexane	7.951	56	122912	78.389	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	126985	90.630	ug/l	99
36) 1,1-Dichloropropene	8.079	75	114618	87.104	ug/l	98
37) Ethyl Acetate	7.250	43	48974	82.419	ug/l	99
38) Carbon Tetrachloride	8.067	117	122650	92.323	ug/l	96
39) Methylcyclohexane	9.335	83	144033	93.012	ug/l	98
40) Benzene	8.323	78	316726	87.441	ug/l	100

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Quant Time: Nov 18 04:25:01 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	27375	79.135	ug/l	91
42) 1,2-Dichloroethane	8.402	62	97927	84.499	ug/l	100
43) Isopropyl Acetate	8.421	43	99992	89.025	ug/l	99
44) Trichloroethene	9.091	130	95709	95.806	ug/l	99
45) 1,2-Dichloropropane	9.366	63	74233	85.763	ug/l	97
46) Dibromomethane	9.457	93	46393	94.018	ug/l	96
47) Bromodichloromethane	9.646	83	113443	93.449	ug/l	98
48) Methyl methacrylate	9.433	41	43764	82.026	ug/l	99
49) 1,4-Dioxane	9.457	88	12312	1881.129	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	247147	412.005	ug/l	100
52) Toluene	10.384	92	207730	90.886	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	113746	92.792	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	128705	92.591	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	61025	89.292	ug/l	96
56) Ethyl methacrylate	10.646	69	81034	93.725	ug/l	99
57) 1,3-Dichloropropane	10.933	76	105184	89.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	202265	510.706	ug/l	99
59) 2-Hexanone	10.969	43	174540	413.306	ug/l	100
60) Dibromochloromethane	11.128	129	81334	99.470	ug/l	100
61) 1,2-Dibromoethane	11.231	107	62220	93.263	ug/l	99
64) Tetrachloroethene	10.859	164	86420	94.953	ug/l	88
65) Chlorobenzene	11.658	112	229177	91.351	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.731	131	89124	97.770	ug/l	97
67) Ethyl Benzene	11.731	91	413409	92.220	ug/l	96
68) m/p-Xylenes	11.835	106	328024	187.780	ug/l	98
69) o-Xylene	12.164	106	158286	97.691	ug/l	100
70) Styrene	12.182	104	260704	94.479	ug/l	97
71) Bromoform	12.347	173	53021	100.117	ug/l #	97
73) Isopropylbenzene	12.463	105	417351	98.937	ug/l	99
74) N-amyl acetate	12.274	43	98947	97.924	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	70239	89.980	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	43437m	68.479	ug/l	
77) Bromobenzene	12.743	156	101725	100.198	ug/l	96
78) n-propylbenzene	12.804	91	497949	96.701	ug/l	97
79) 2-Chlorotoluene	12.890	91	282477	94.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	358025	97.920	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	23956	96.879	ug/l	98
82) 4-Chlorotoluene	12.987	91	295115	94.110	ug/l	97
83) tert-Butylbenzene	13.207	119	320790	101.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	340939	94.032	ug/l	95
85) sec-Butylbenzene	13.383	105	460433	97.468	ug/l	100
86) p-Isopropyltoluene	13.493	119	395966	98.199	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	197322	94.393	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	203918	96.571	ug/l	98
89) n-Butylbenzene	13.822	91	349873	93.616	ug/l	97
90) Hexachloroethane	14.091	117	75580	105.542	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	172391	92.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	12334	87.891	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	116589	92.752	ug/l	96
94) Hexachlorobutadiene	15.231	225	73905	92.780	ug/l	90
95) Naphthalene	15.359	128	222330	100.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	107626	94.946	ug/l	96

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ClientSampleId :
 VSTDICC100

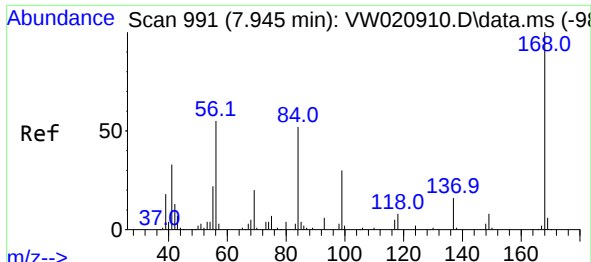
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 04:25:01 2021
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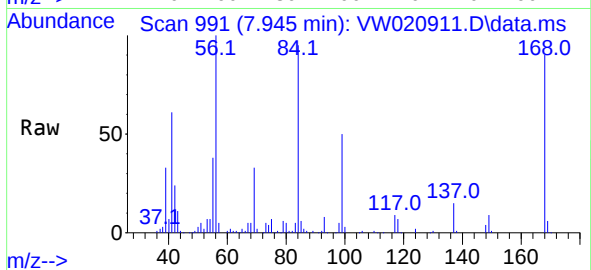
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

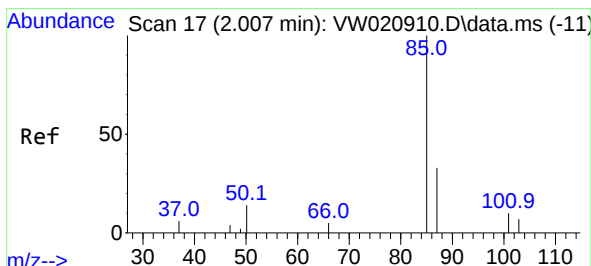
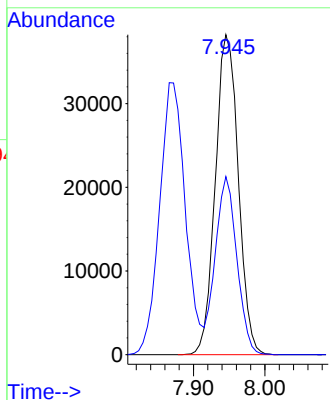
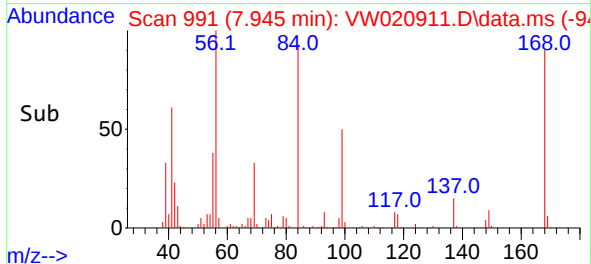
Instrument :
MSVOA_W
ClientSampleId :
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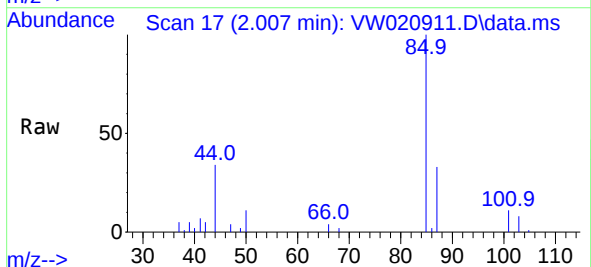
Tgt Ion:168 Resp: 8528
Ion Ratio Lower Upper
168 100
99 55.6 41.6 62.4

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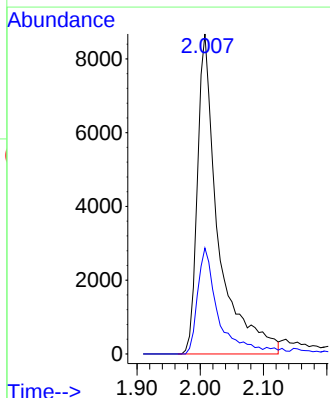
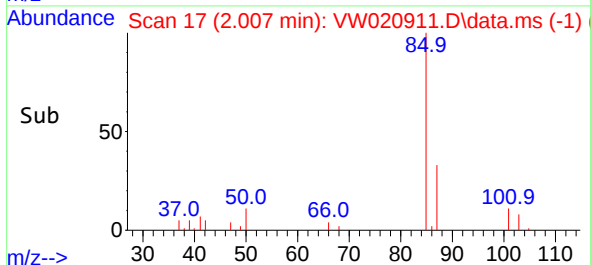
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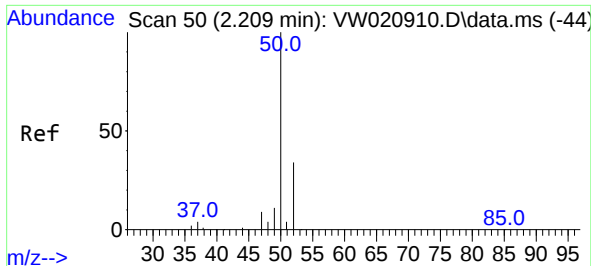


#2
Dichlorodifluoromethane
Concen: 90.988 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



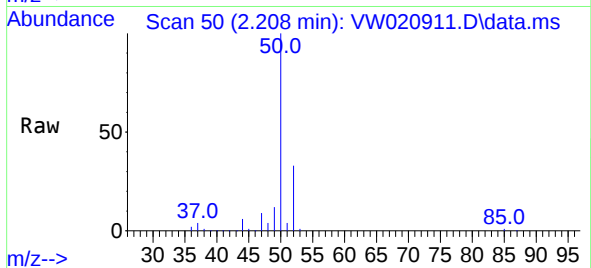
Tgt Ion: 85 Resp: 19961
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.3





#3
Chloromethane
Concen: 94.730 ug/l
RT: 2.208 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

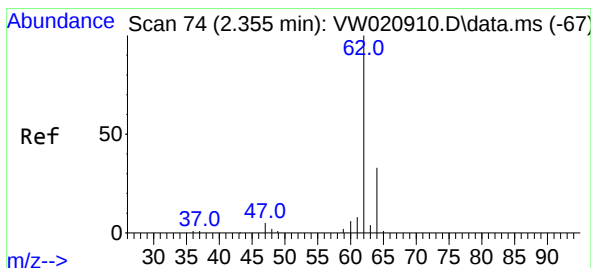
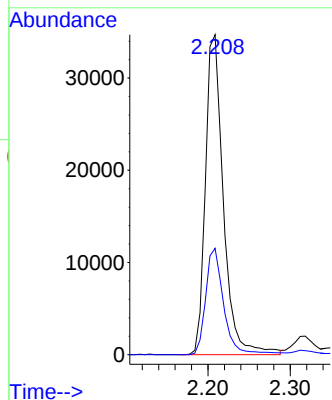
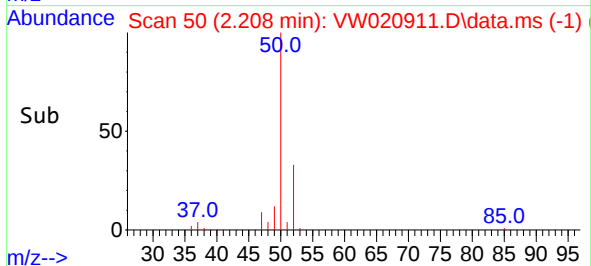
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 52644
Ion Ratio Lower Upper
50 100
52 33.2 27.2 40.8

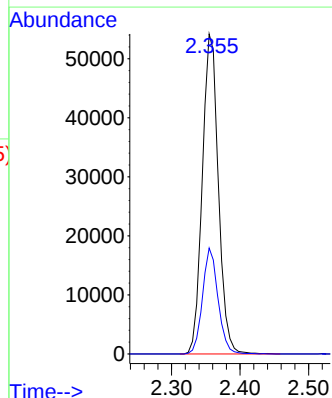
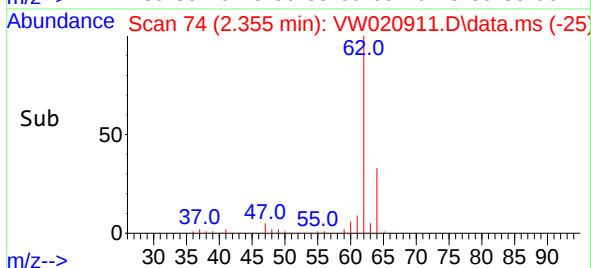
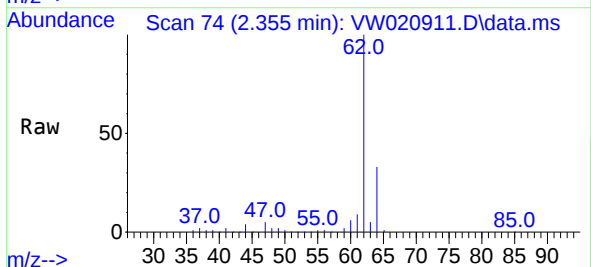
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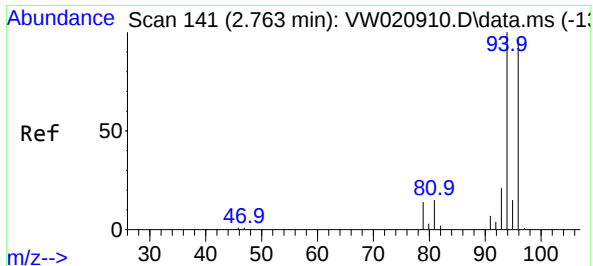
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 116.490 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

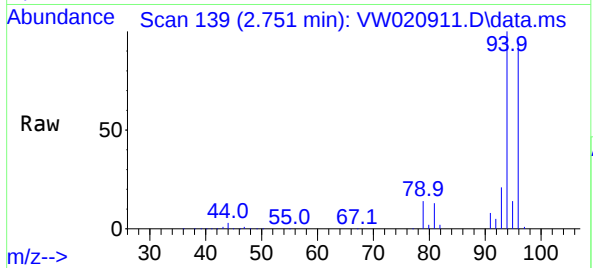
Tgt Ion: 62 Resp: 88433
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.4





#5
Bromomethane
Concen: 128.781 ug/l
RT: 2.751 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

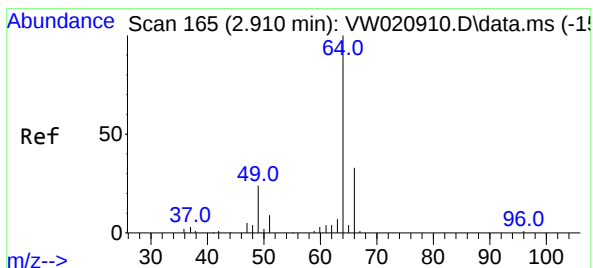
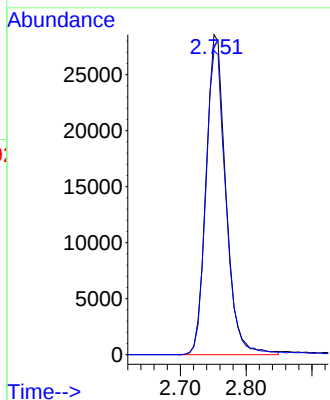
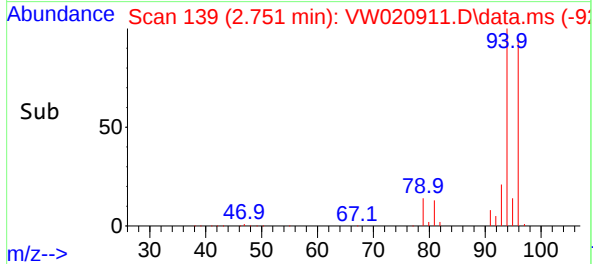
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Tgt Ion: 94 Resp: 5985
Ion Ratio Lower Upper
94 100
96 95.0 76.4 114.6

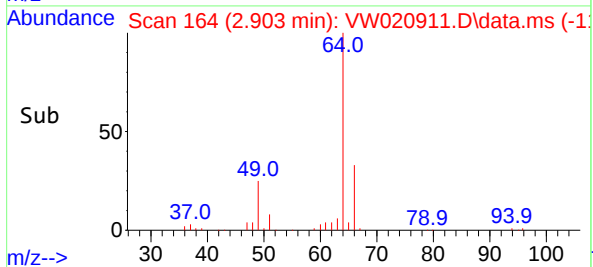
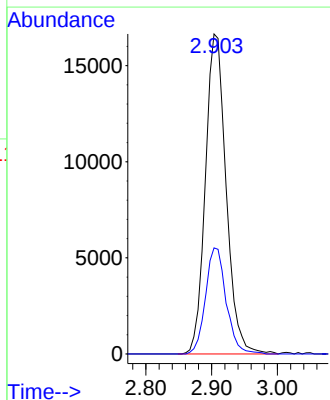
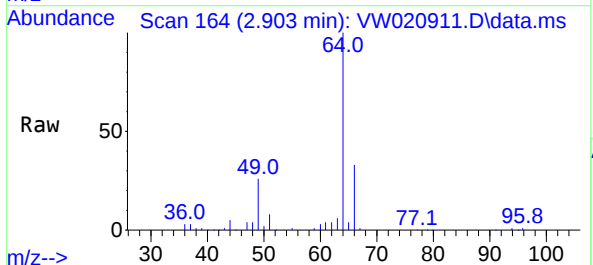
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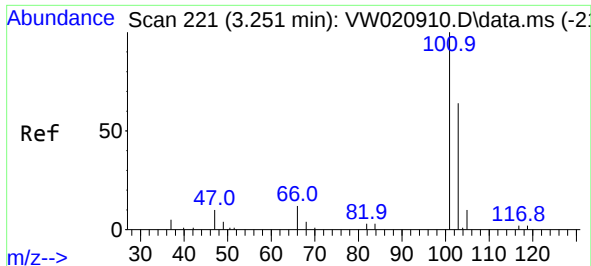
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#6
Chloroethane
Concen: 109.872 ug/l
RT: 2.903 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 64 Resp: 36553
Ion Ratio Lower Upper
64 100
66 33.2 26.7 40.1





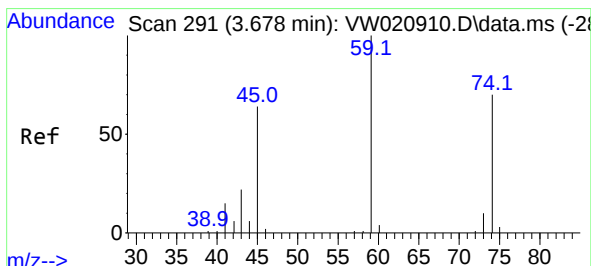
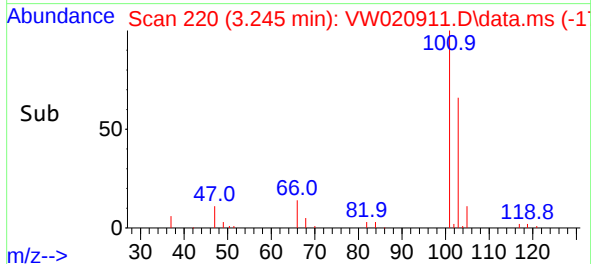
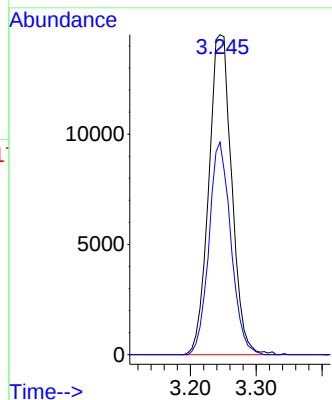
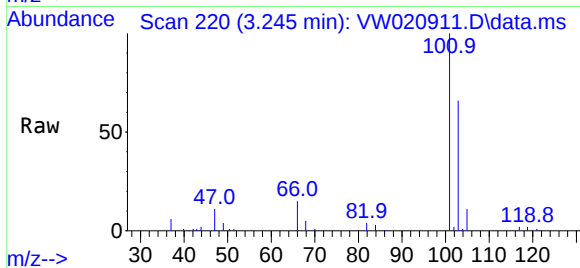
#7
Trichlorofluoromethane
Concen: 70.992 ug/l
RT: 3.245 min Scan# 211
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 35290
Ion Ratio Lower Upper
101 100
103 66.4 50.9 76.3

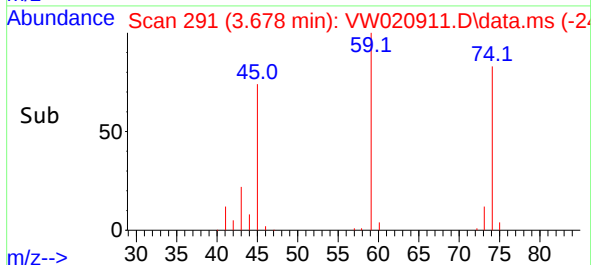
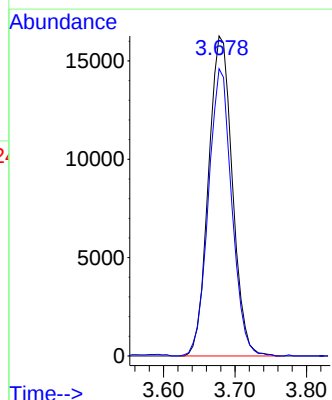
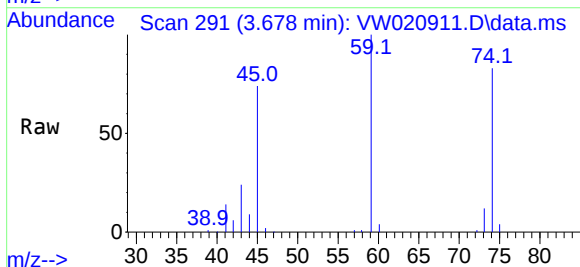
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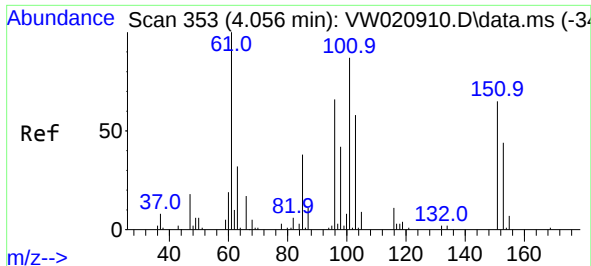
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#8
Diethyl Ether
Concen: 92.850 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 74 Resp: 37783
Ion Ratio Lower Upper
74 100
45 87.9 45.3 135.8





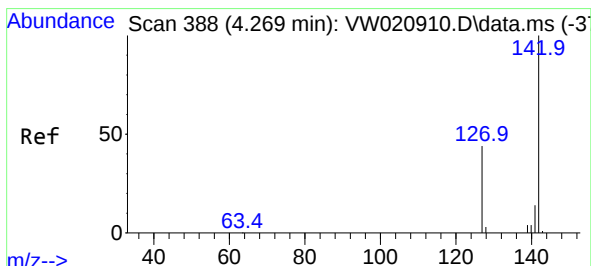
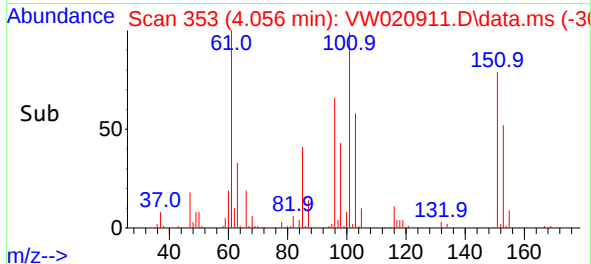
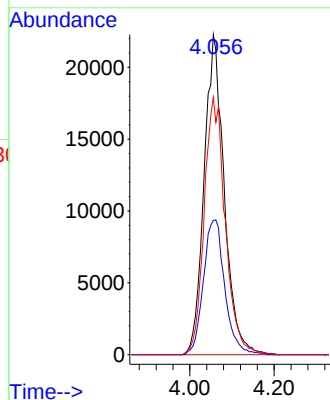
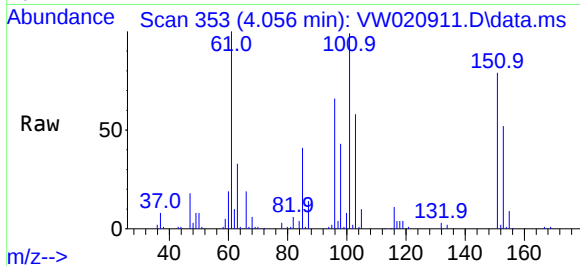
#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.687 ug/l
RT: 4.056 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 73924
Ion Ratio Lower Upper
101 100
85 44.7 36.6 54.8
151 84.1 66.3 99.5

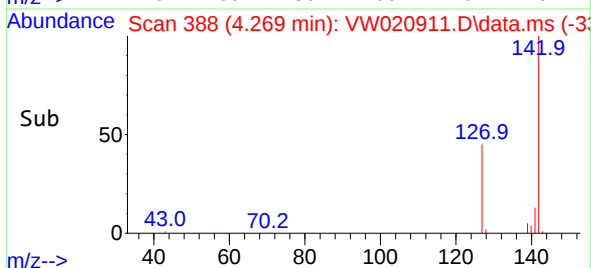
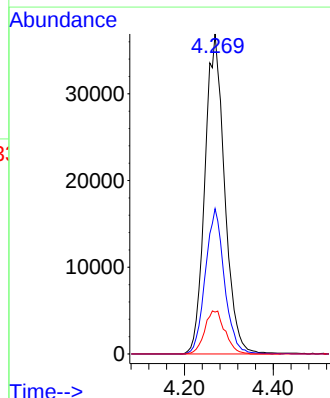
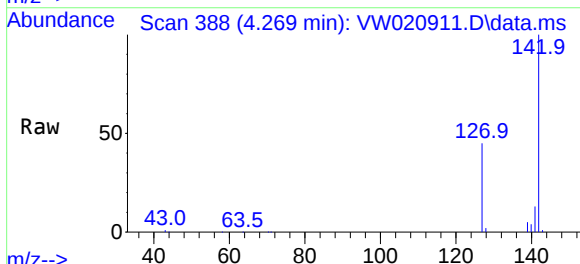
Manual Integrations
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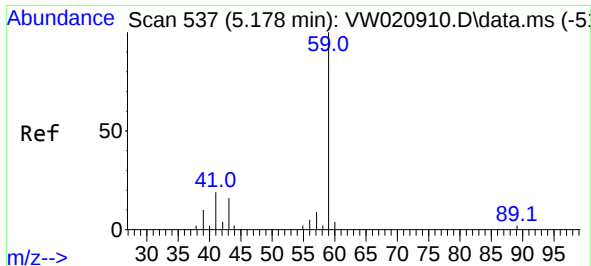
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 105.535 ug/l
RT: 4.269 min Scan# 388
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

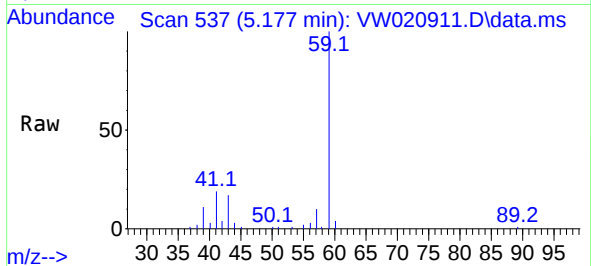
Tgt Ion:142 Resp: 113613
Ion Ratio Lower Upper
142 100
127 44.0 35.5 53.3
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 469.224 ug/l
RT: 5.177 min Scan# 511
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

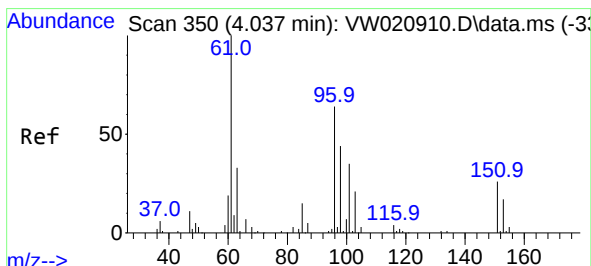
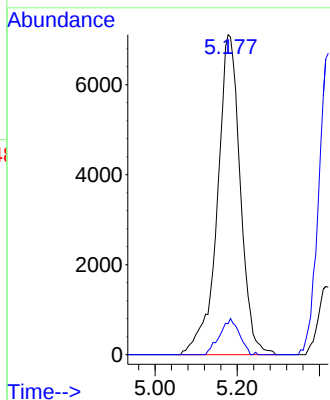
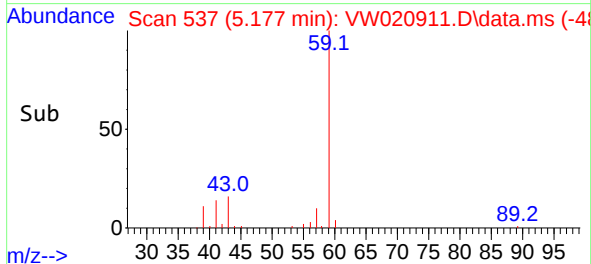
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



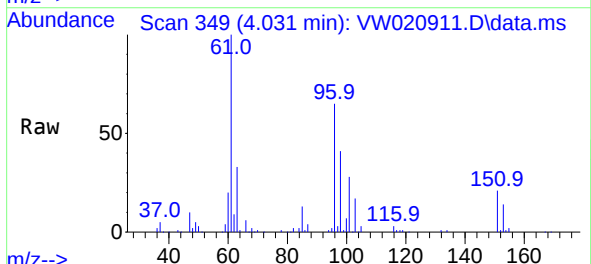
Tgt Ion: 59 Resp: 27540
Ion Ratio Lower Upper
59 100
57 9.6 4.3 6.5

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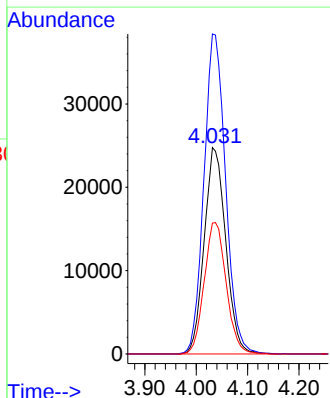
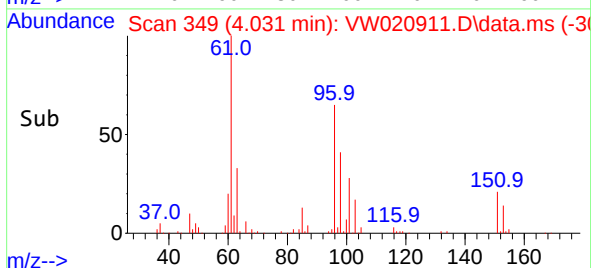
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

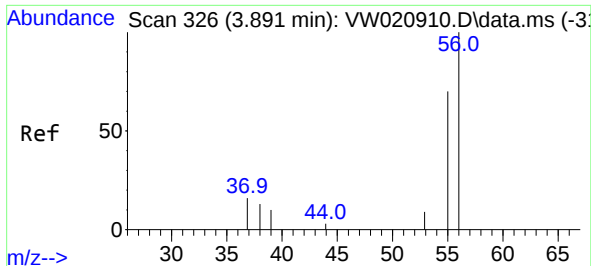


#12
1,1-Dichloroethene
Concen: 91.924 ug/l
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



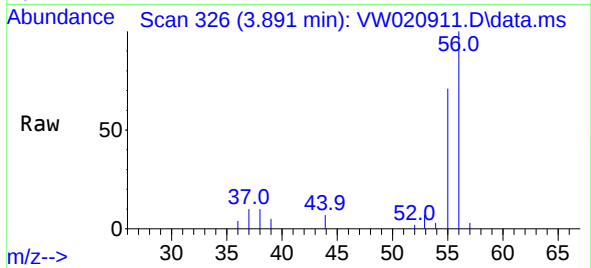
Tgt Ion: 96 Resp: 72309
Ion Ratio Lower Upper
96 100
61 155.0 124.4 186.6
98 63.4 54.2 81.2





#13
Acrolein
Concen: 140.168 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

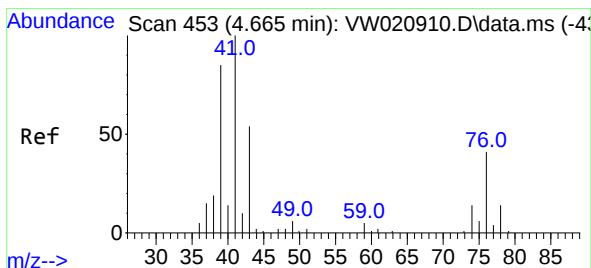
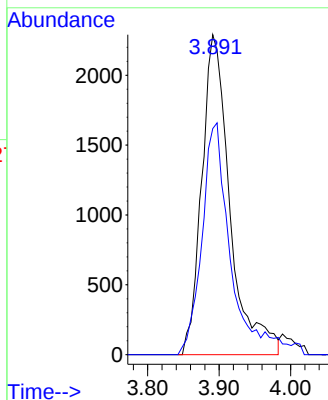
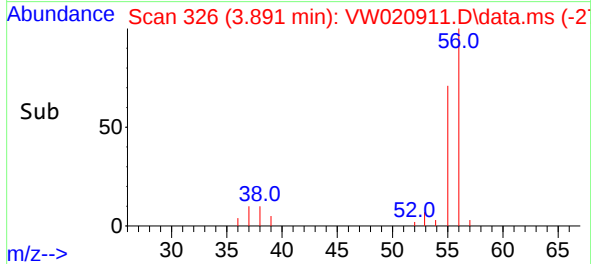
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



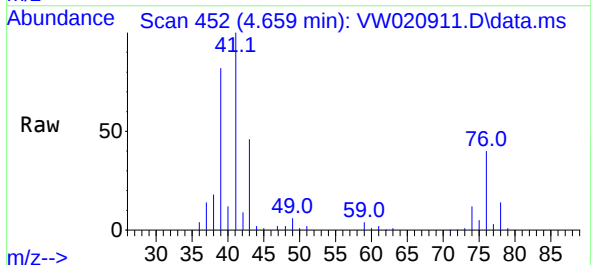
Tgt Ion: 56 Resp: 6289
Ion Ratio Lower Upper
56 100
55 74.2 61.2 91.8

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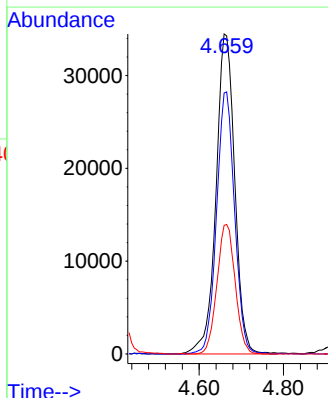
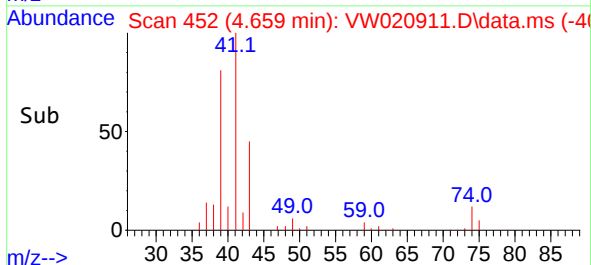
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

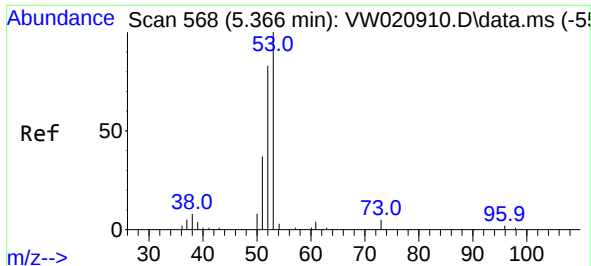


#14
Allyl chloride
Concen: 85.448 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



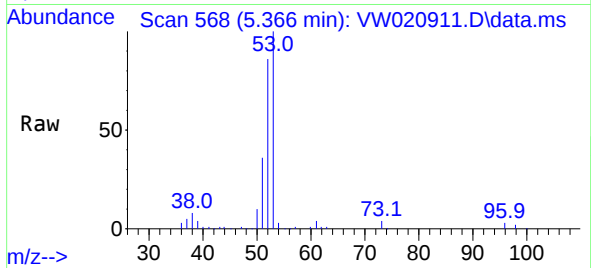
Tgt Ion: 41 Resp: 106144
Ion Ratio Lower Upper
41 100
39 78.7 63.4 95.2
76 39.3 32.2 48.4





#15
Acrylonitrile
Concen: 387.329 ug/l
RT: 5.366 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

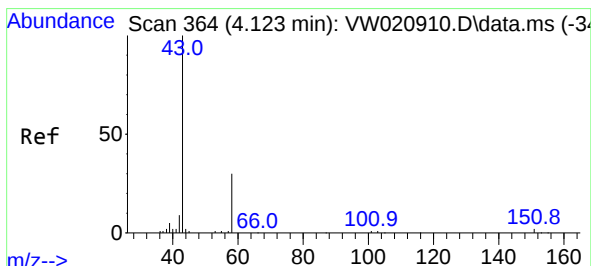
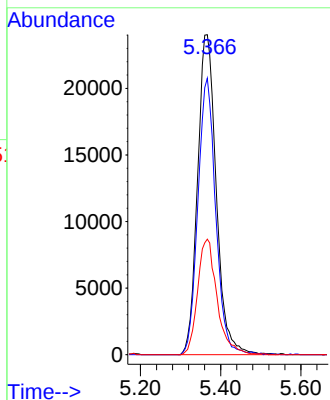
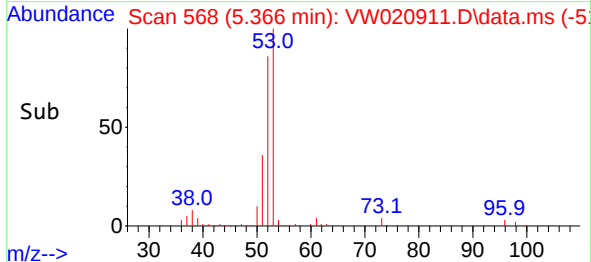


Tgt Ion: 53 Resp: 7791

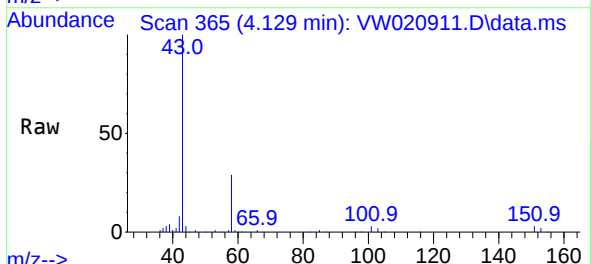
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.9	98.9
51	37.7	29.8	44.6

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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

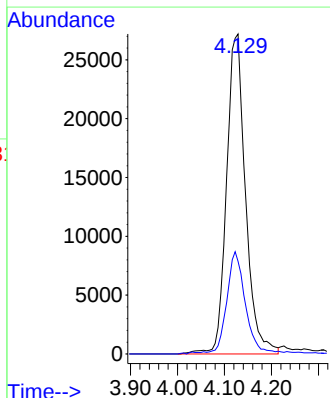
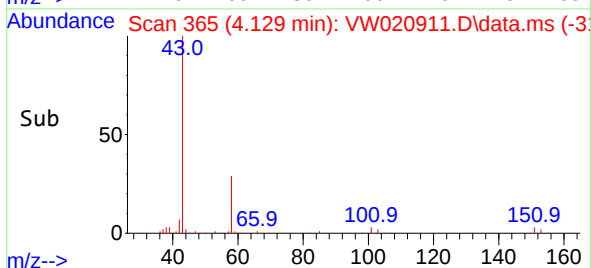


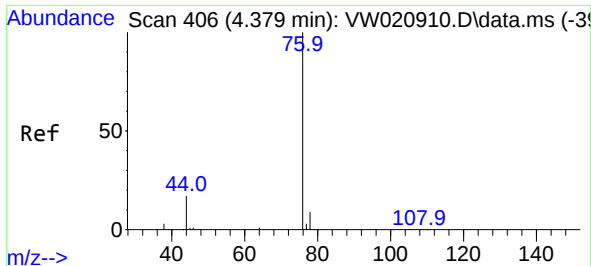
#16
Acetone
Concen: 351.624 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 43 Resp: 76303

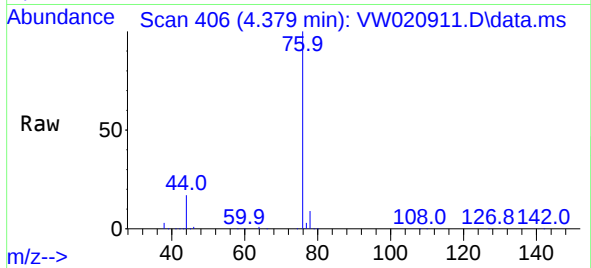
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.2





#17
Carbon Disulfide
Concen: 90.097 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

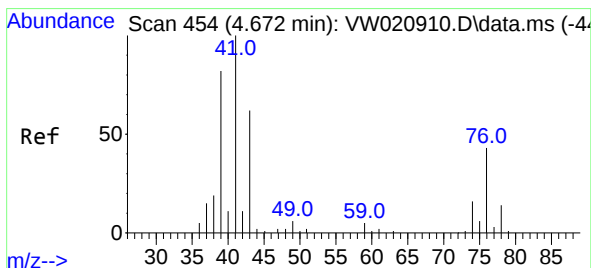
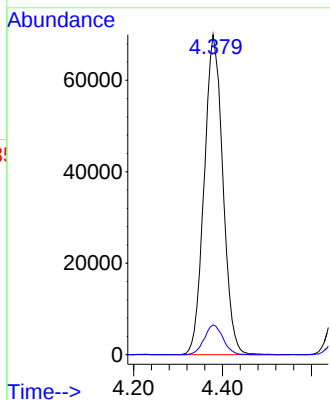
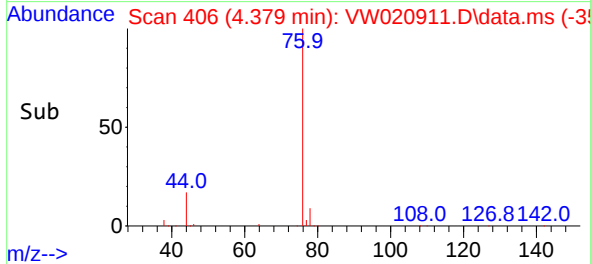
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



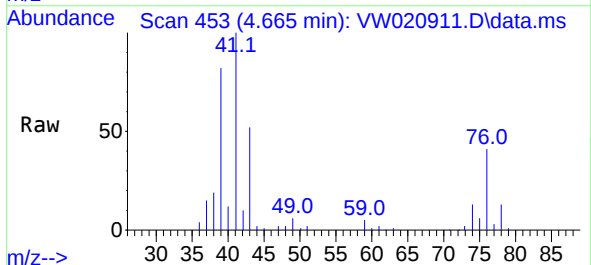
Tgt Ion: 76 Resp: 20466
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

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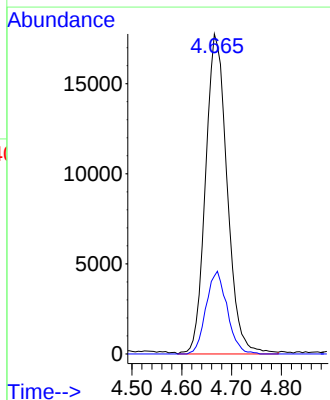
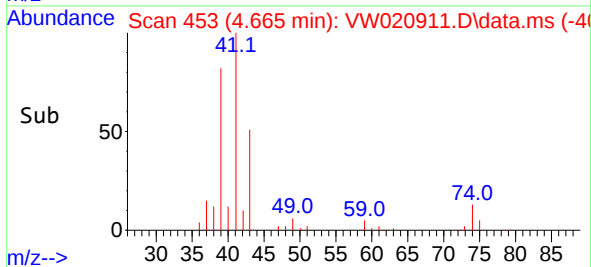
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

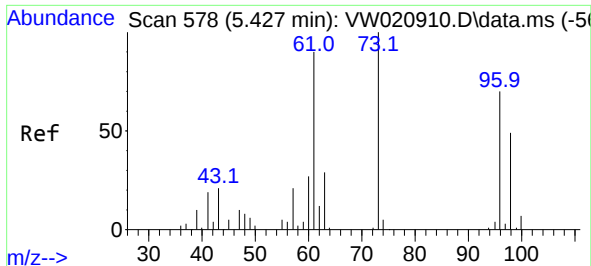


#18
Methyl Acetate
Concen: 77.785 ug/l
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 43 Resp: 53527
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5





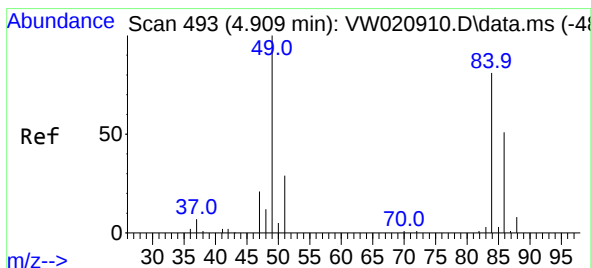
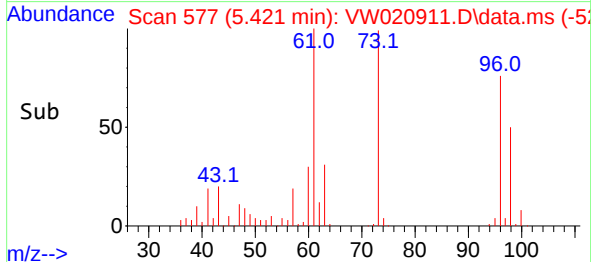
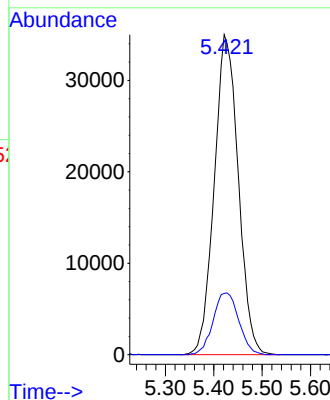
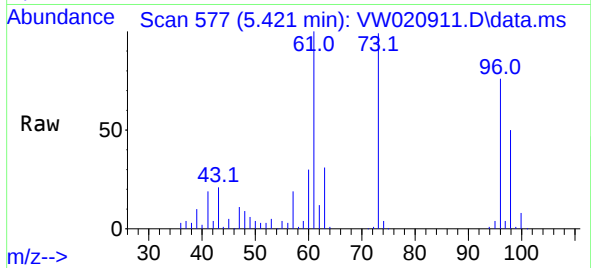
#19
Methyl tert-butyl Ether
Concen: 89.724 ug/l
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 12057
Ion Ratio Lower Upper
73 100
57 19.1 17.0 25.6

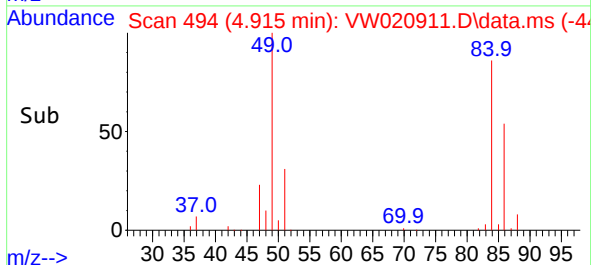
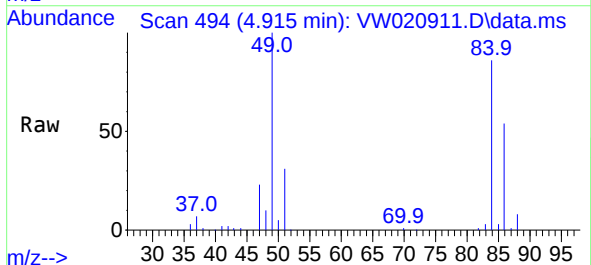
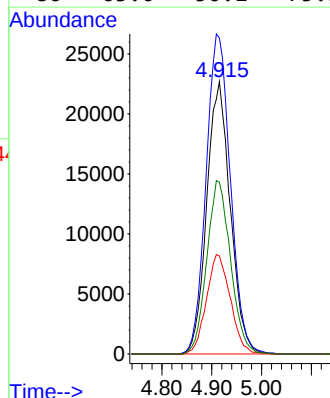
Manual Integrations
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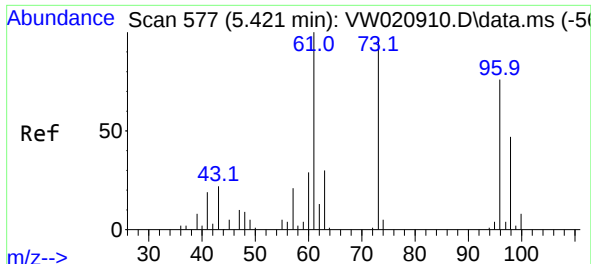
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 64.535 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

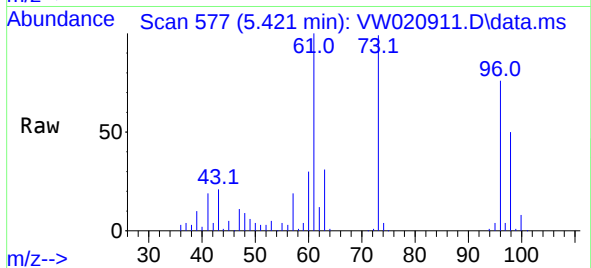
Tgt Ion: 84 Resp: 74517
Ion Ratio Lower Upper
84 100
49 116.0 99.1 148.7
51 36.0 28.8 43.2
86 63.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 94.406 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

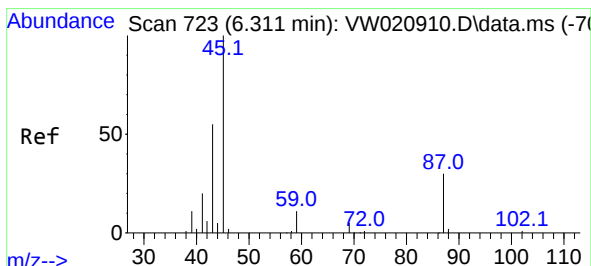
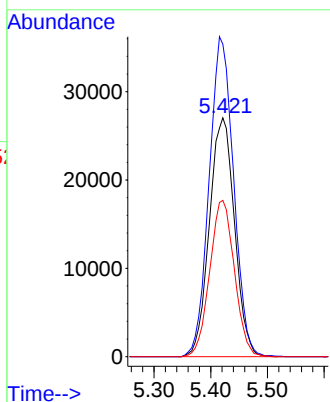
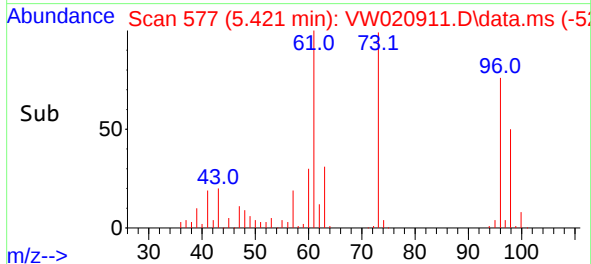
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



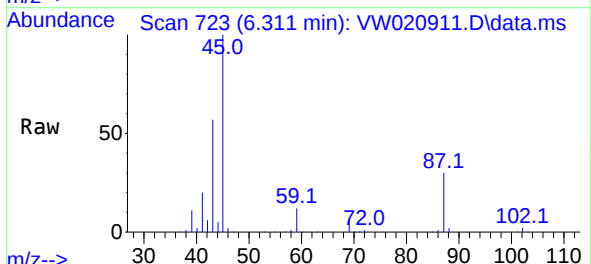
Tgt Ion: 96 Resp: 83320
Ion Ratio Lower Upper
96 100
61 130.8 105.7 158.5
98 65.4 49.7 74.5

Manual Integrations
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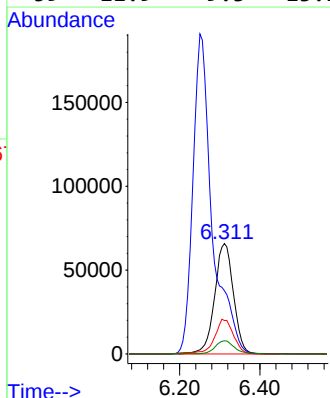
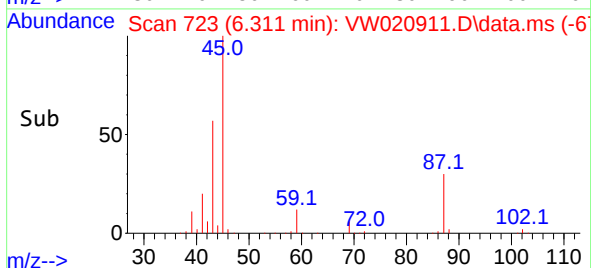
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

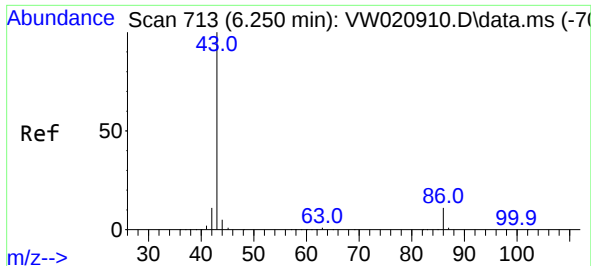


#22
Diisopropyl ether
Concen: 87.396 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 45 Resp: 214229
Ion Ratio Lower Upper
45 100
43 56.9 46.2 69.4
87 30.4 25.0 37.6
59 11.9 9.3 13.9





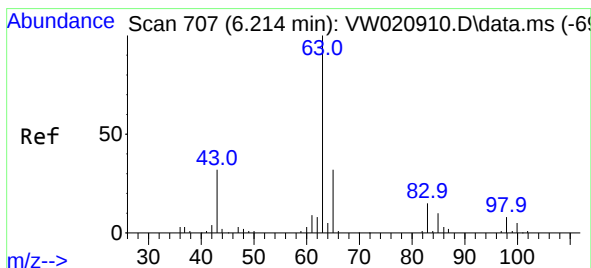
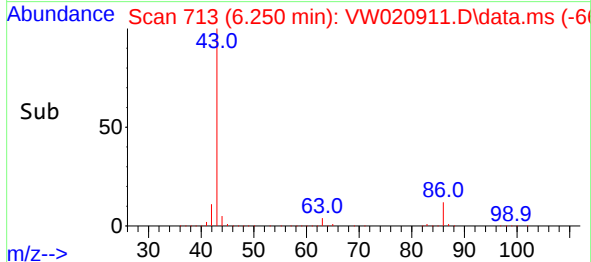
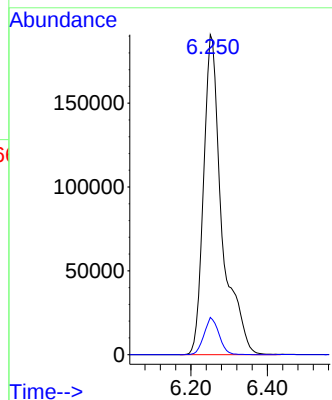
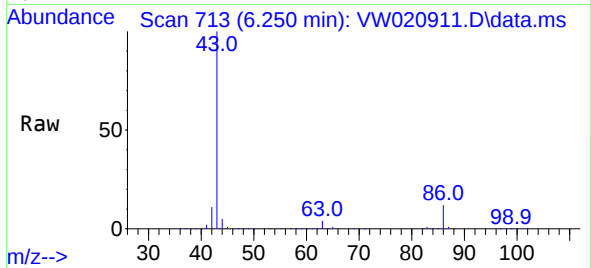
#23
 Vinyl Acetate
 Concen: 446.997 ug/l
 RT: 6.250 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: VW020911.D
 Acq: 17 Nov 2021 17:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 63543
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8

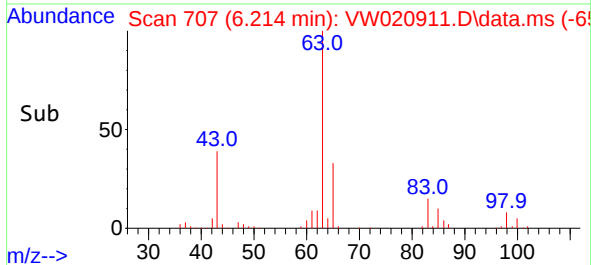
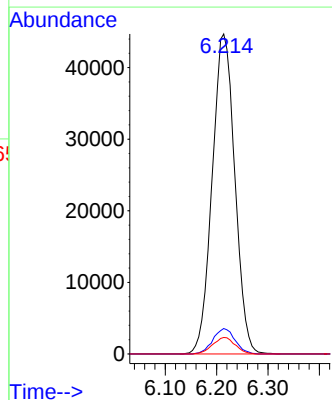
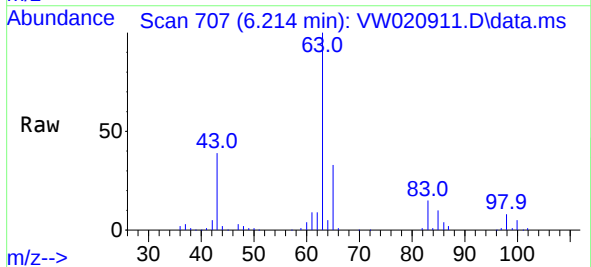
Manual Integrations
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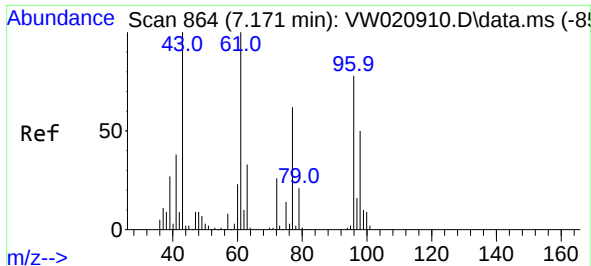
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 86.703 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW020911.D
 Acq: 17 Nov 2021 17:21

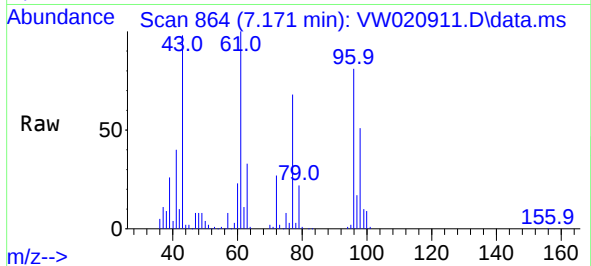
Tgt Ion: 63 Resp: 136682
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.1 2.6 8.0





#25
2-Butanone
Concen: 395.013 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

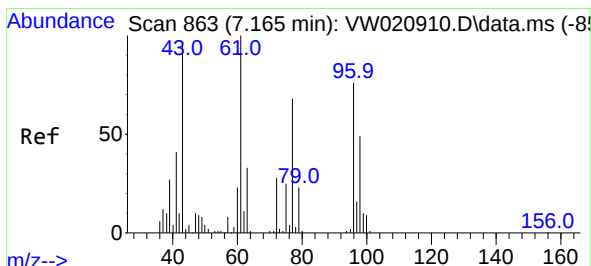
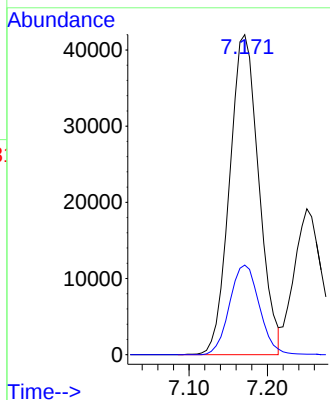
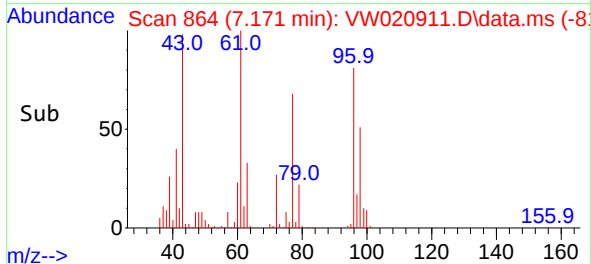
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



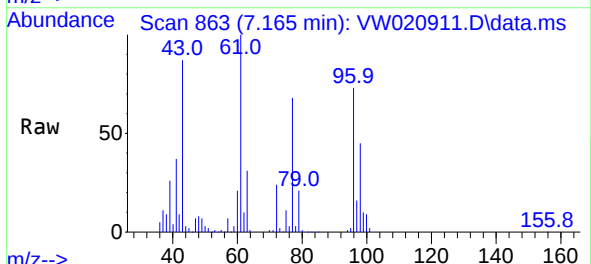
Tgt Ion: 43 Resp: 108708
Ion Ratio Lower Upper
43 100
72 28.0 20.7 31.1

Manual Integrations
APPROVED

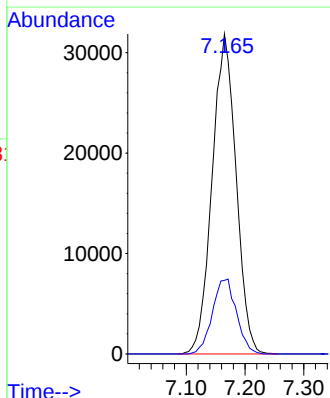
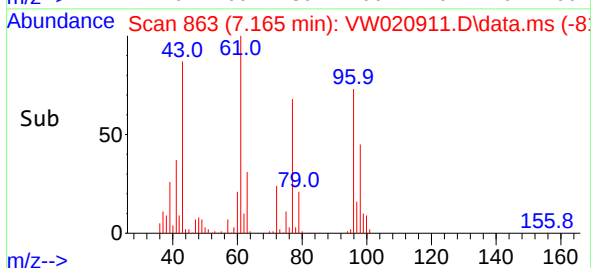
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

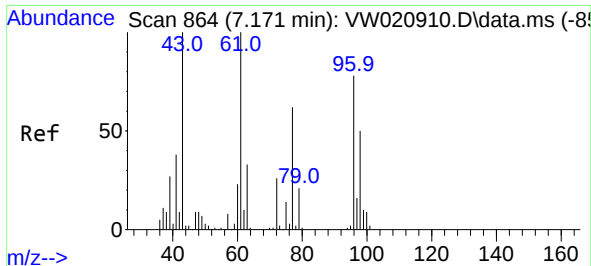


#26
2,2-Dichloropropane
Concen: 87.142 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 77 Resp: 90156
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 97.873 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

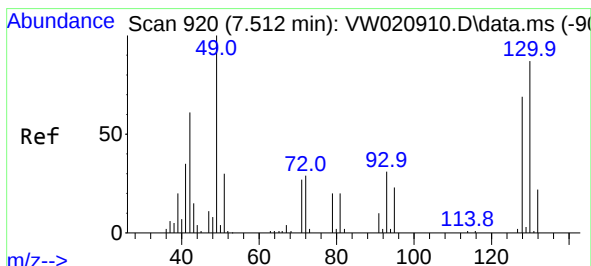
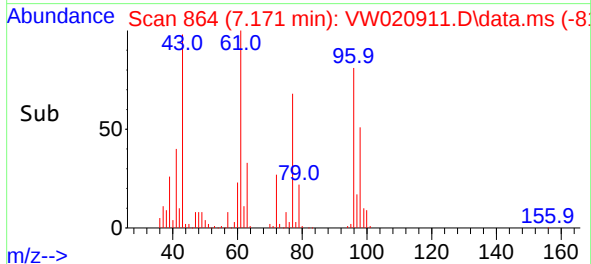
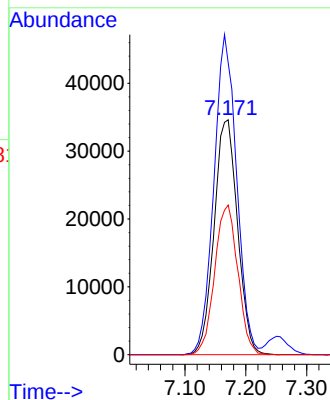
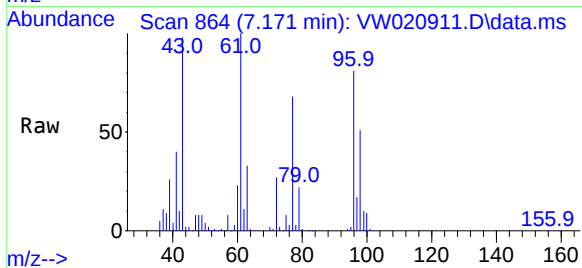
Tgt Ion: 96 Resp: 9268

Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	266.6
98	62.9	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 89.076 ug/l

RT: 7.512 min Scan# 920

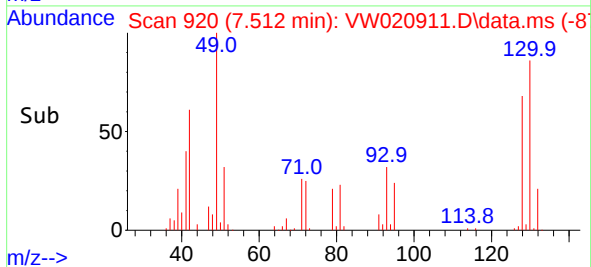
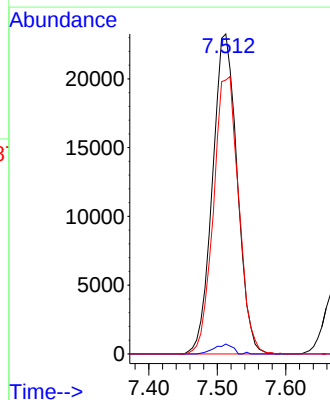
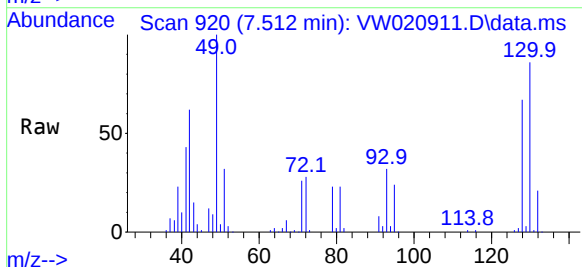
Delta R.T. -0.000 min

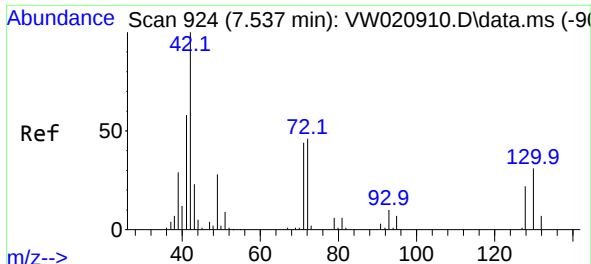
Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Tgt Ion: 49 Resp: 58200

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	88.4	70.8	106.2





#29

Tetrahydrofuran

Concen: 399.721 ug/l

RT: 7.531 min Scan# 911

Delta R.T. -0.006 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 6729

Ion Ratio Lower Upper

42 100

72 46.2 37.4 56.0

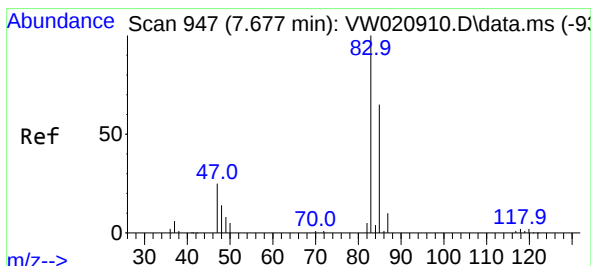
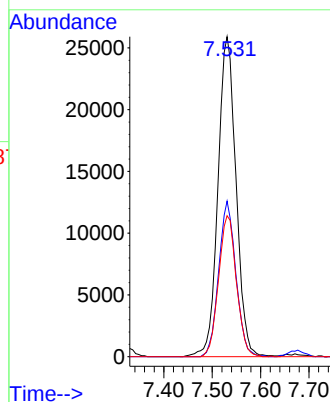
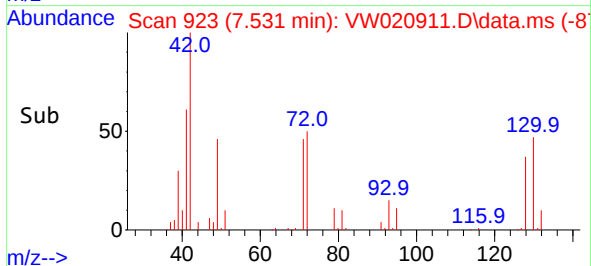
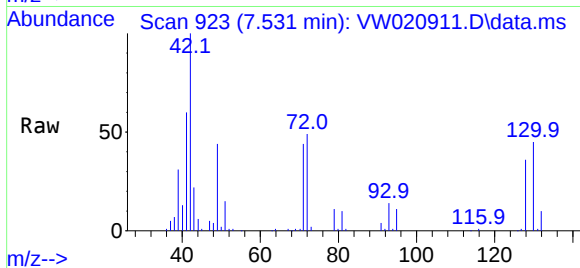
71 43.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 88.363 ug/l

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW020911.D

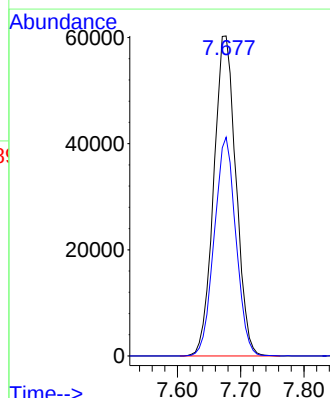
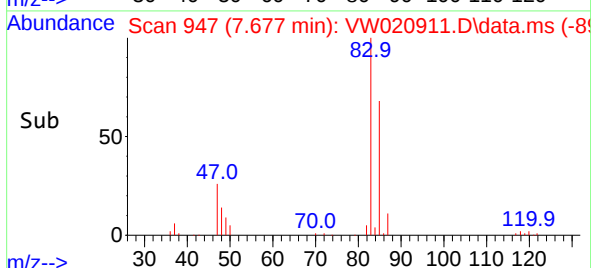
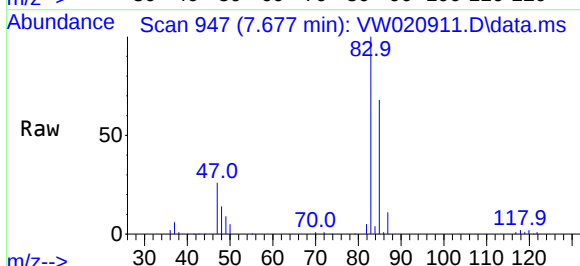
Acq: 17 Nov 2021 17:21

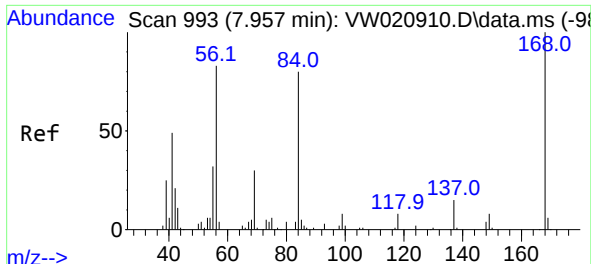
Tgt Ion: 83 Resp: 146821

Ion Ratio Lower Upper

83 100

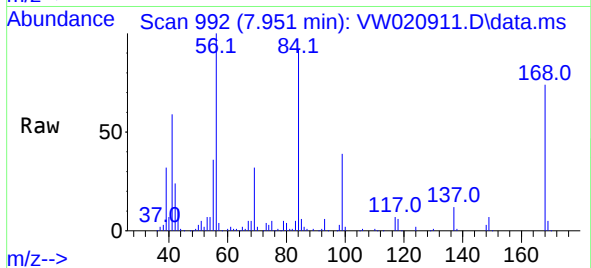
85 68.4 51.7 77.5





#31
Cyclohexane
Concen: 78.389 ug/l
RT: 7.951 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

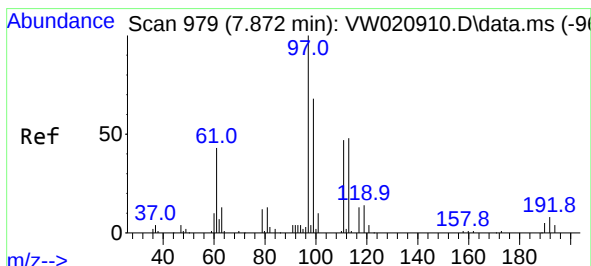
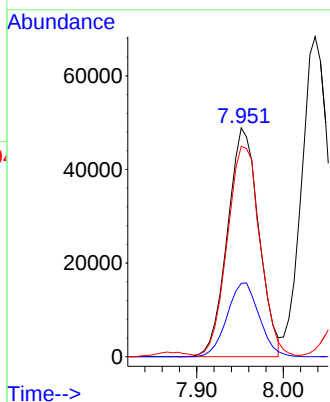
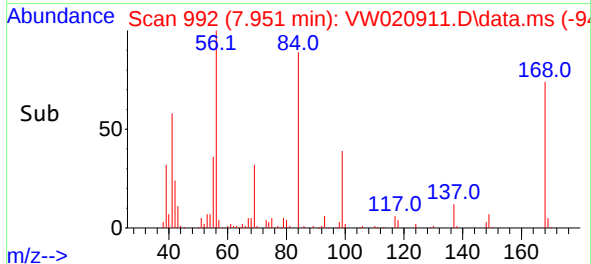
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



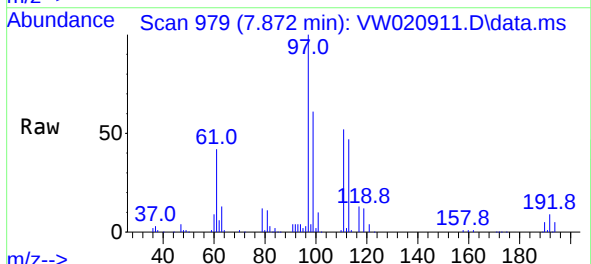
Tgt Ion: 56 Resp: 122912
Ion Ratio Lower Upper
56 100
69 32.0 28.7 43.1
84 90.0 77.6 116.4

Manual Integrations
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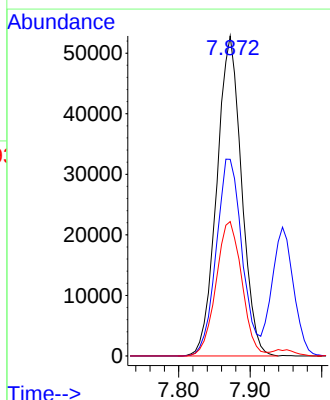
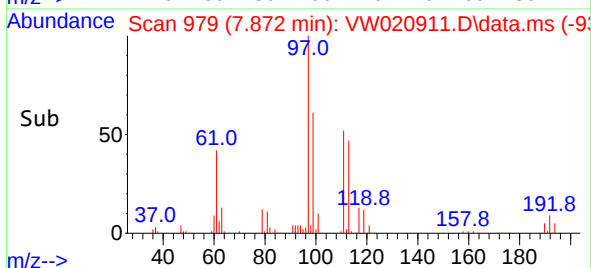
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

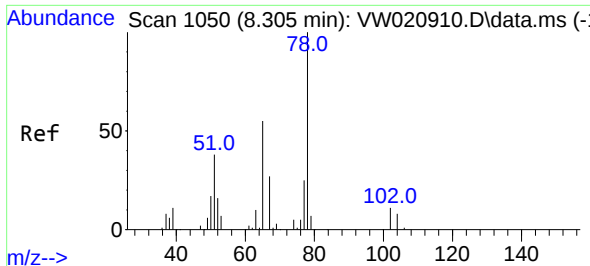


#32
1,1,1-Trichloroethane
Concen: 90.630 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 97 Resp: 126985
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 84.888 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 79378

Ion Ratio Lower Upper

65 100

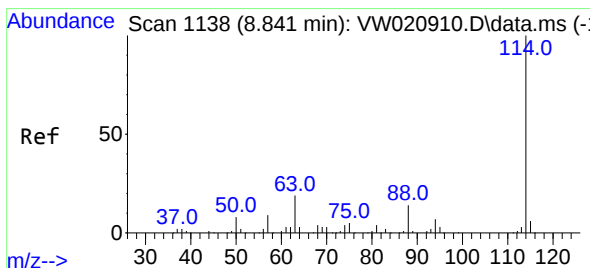
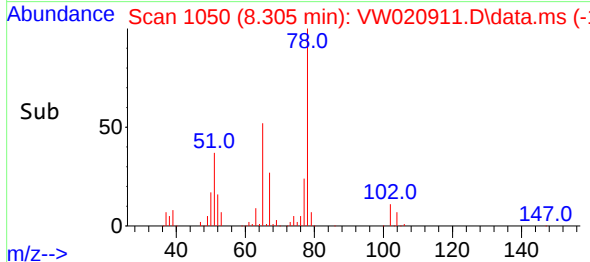
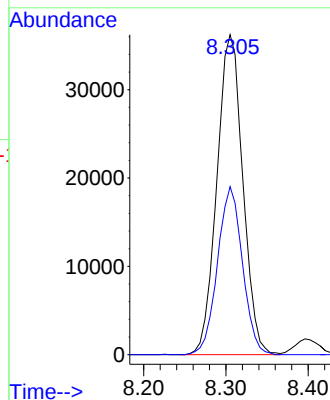
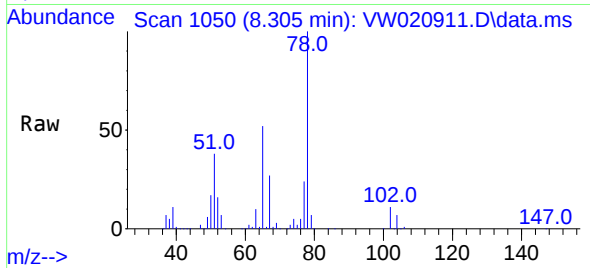
67 50.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

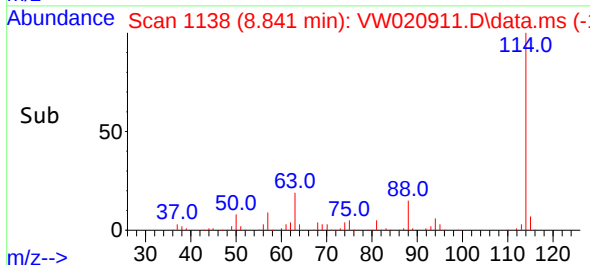
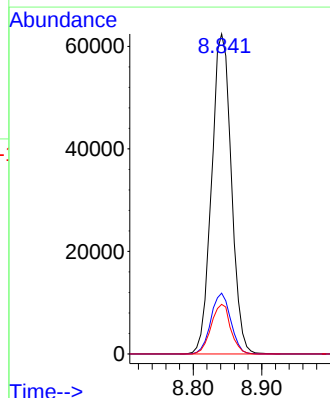
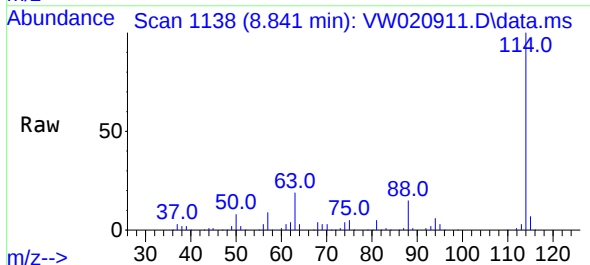
Tgt Ion:114 Resp: 124692

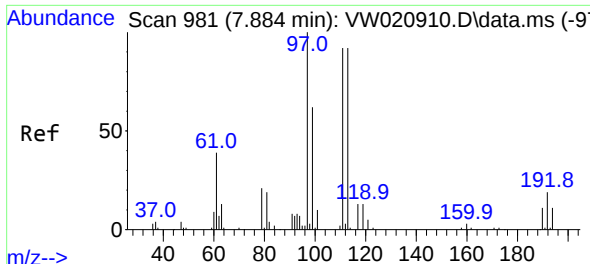
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

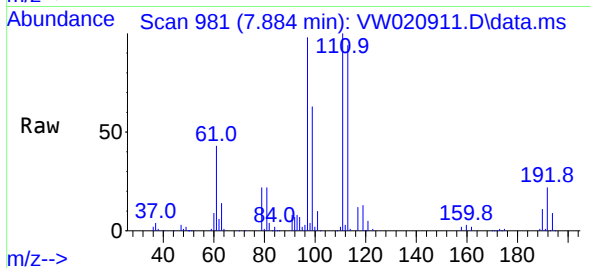
88 15.5 0.0 28.8





#35
Dibromofluoromethane
Concen: 97.662 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

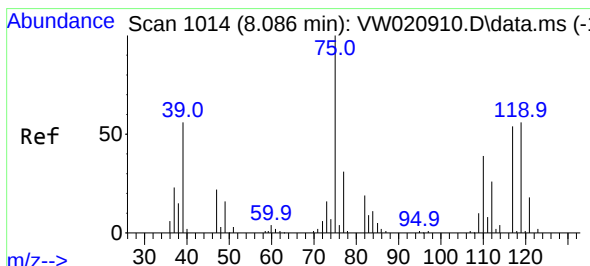
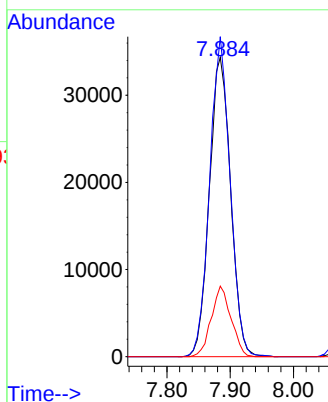
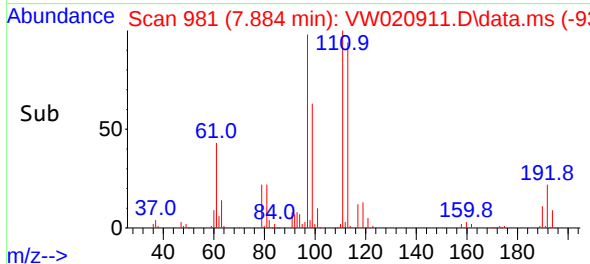
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



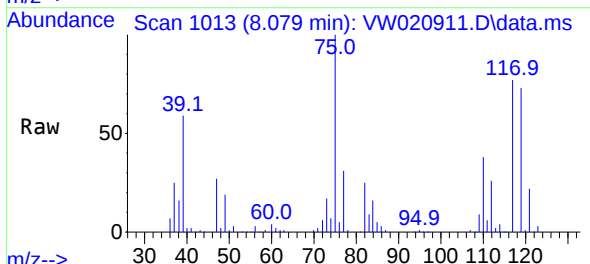
Tgt Ion: 113 Resp: 80392
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 21.9 16.8 25.2

Manual Integrations
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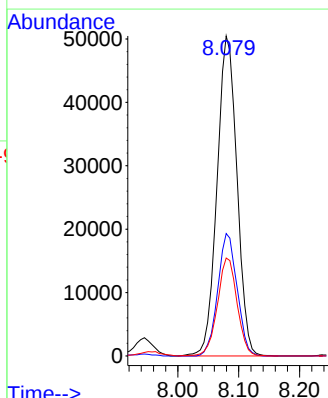
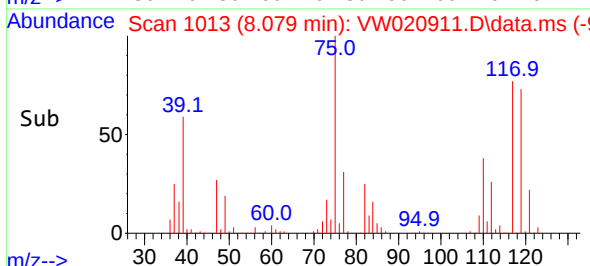
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

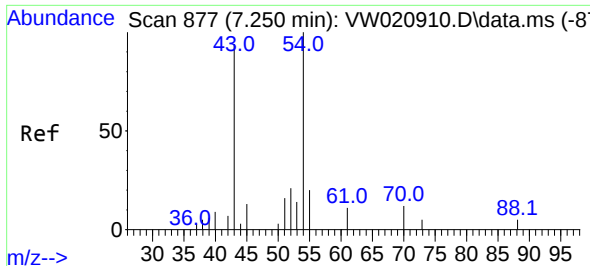


#36
1,1-Dichloropropene
Concen: 87.104 ug/l
RT: 8.079 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



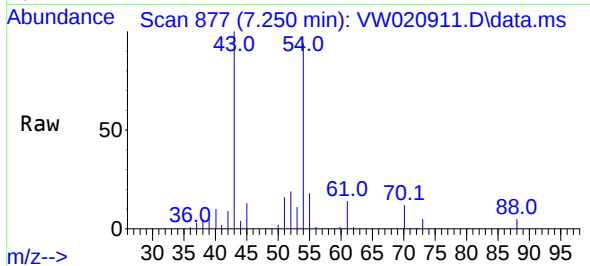
Tgt Ion: 75 Resp: 114618
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.5
77 30.2 24.8 37.2





#37
Ethyl Acetate
Concen: 82.419 ug/l
RT: 7.250 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

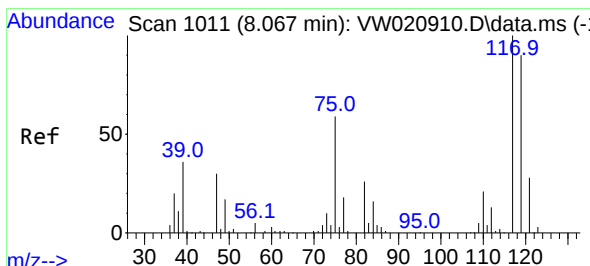
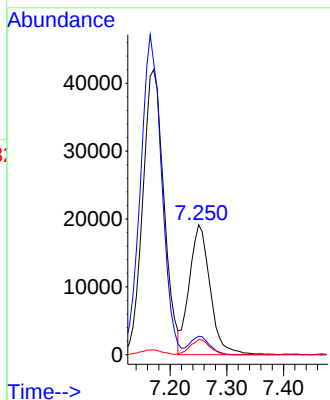
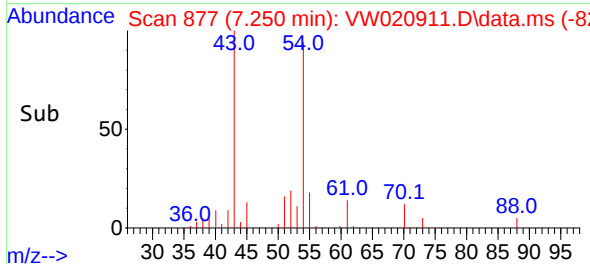
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



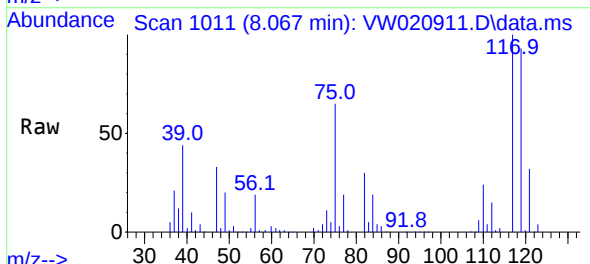
Tgt Ion: 43 Resp: 48974
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.9 9.2 13.8

Manual Integrations
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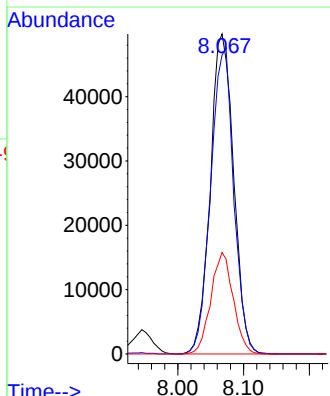
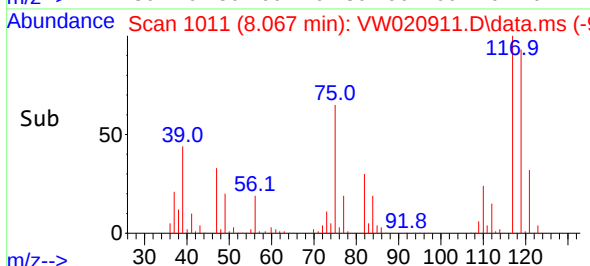
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

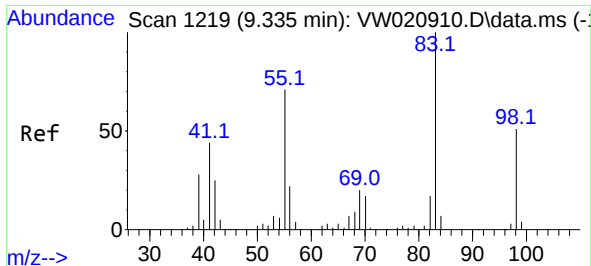


#38
Carbon Tetrachloride
Concen: 92.323 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion:117 Resp: 122650
Ion Ratio Lower Upper
117 100
119 93.3 72.0 108.0
121 31.7 22.6 33.8





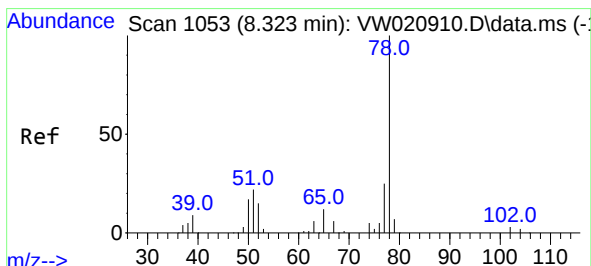
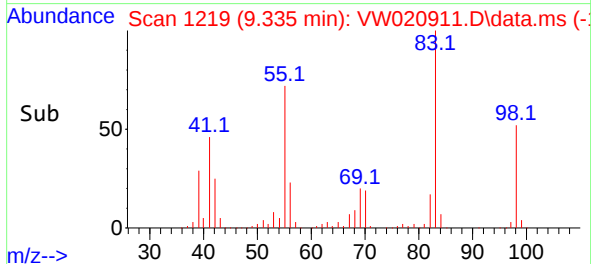
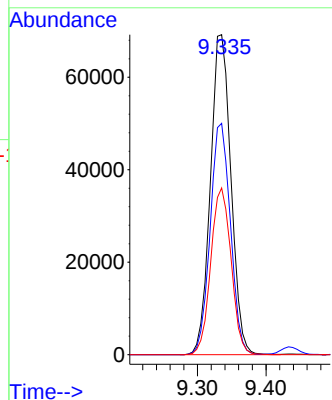
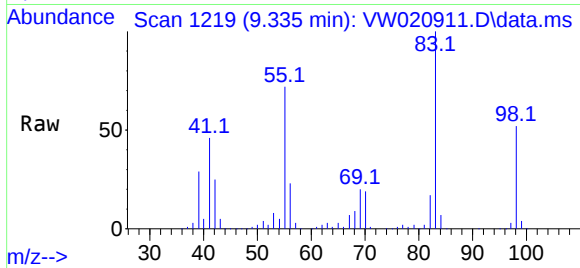
#39
Methylcyclohexane
Concen: 93.012 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 14403
Ion Ratio Lower Upper
83 100
55 72.3 56.6 85.0
98 52.1 41.0 61.4

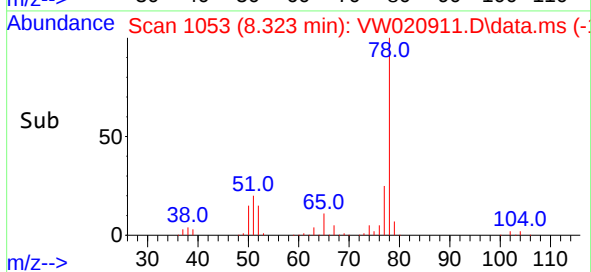
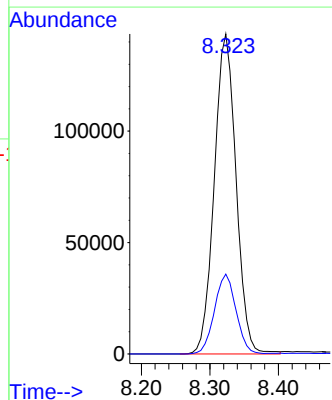
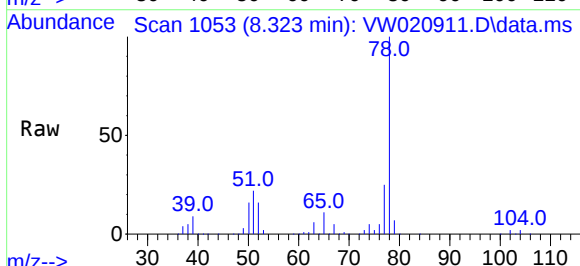
Manual Integrations
APPROVED

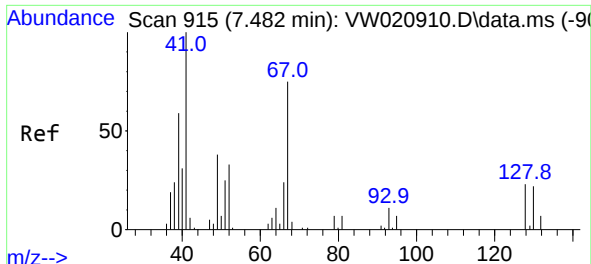
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 87.441 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

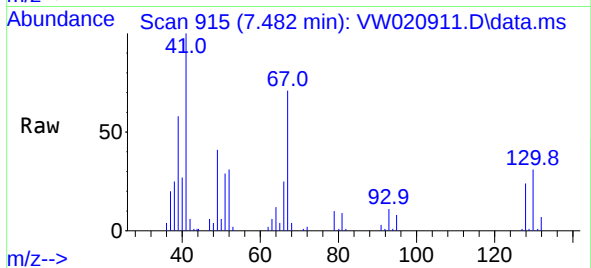
Tgt Ion: 78 Resp: 316726
Ion Ratio Lower Upper
78 100
77 25.0 20.0 30.0





#41
Methacrylonitrile
Concen: 79.135 ug/l
RT: 7.482 min Scan# 915
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

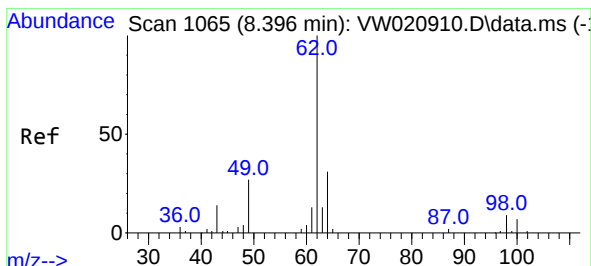
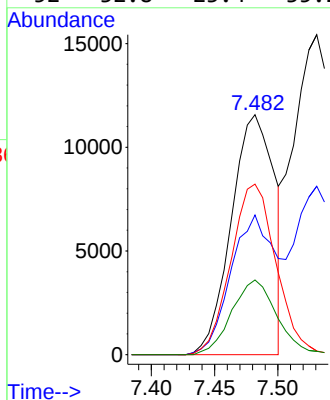
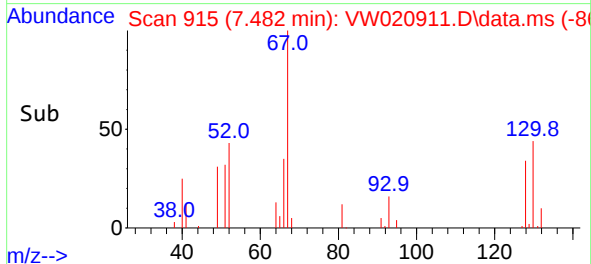
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



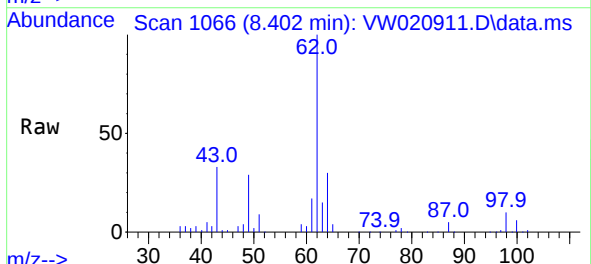
Tgt Ion: 41 Resp: 27375
Ion Ratio Lower Upper
41 100
39 64.2 42.9 64.3
67 74.6 56.2 84.4
52 32.8 23.4 35.2

Manual Integrations
APPROVED

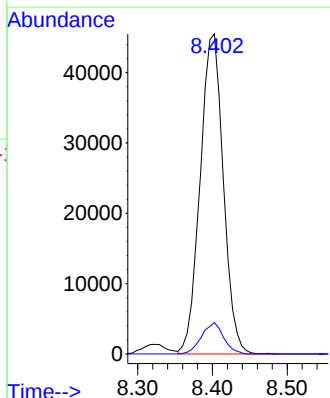
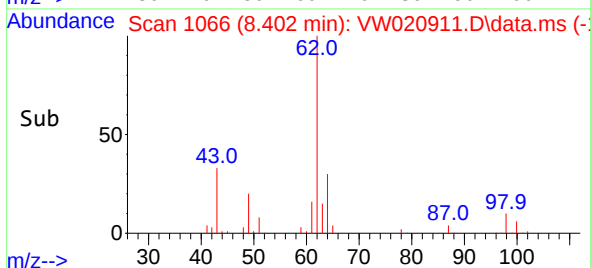
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

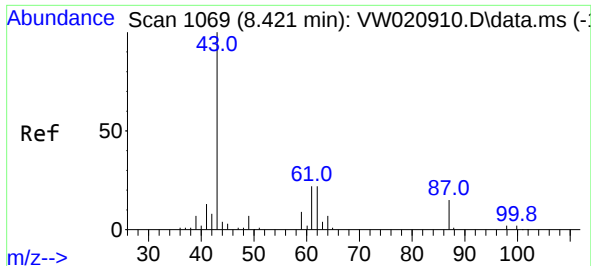


#42
1,2-Dichloroethane
Concen: 84.499 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



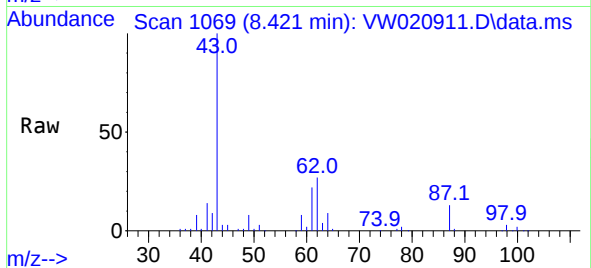
Tgt Ion: 62 Resp: 97927
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0





#43
Isopropyl Acetate
Concen: 89.025 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

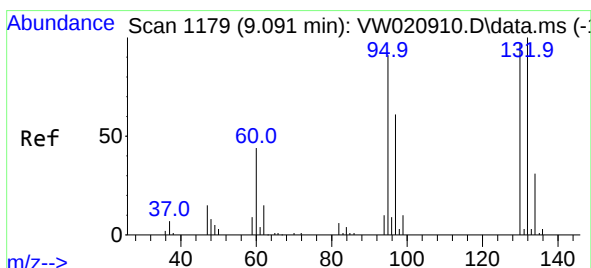
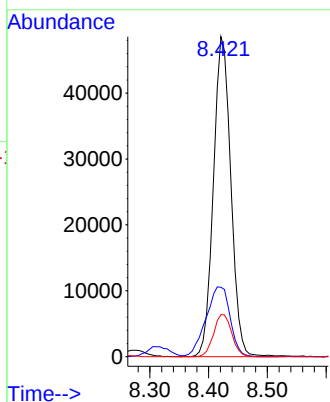
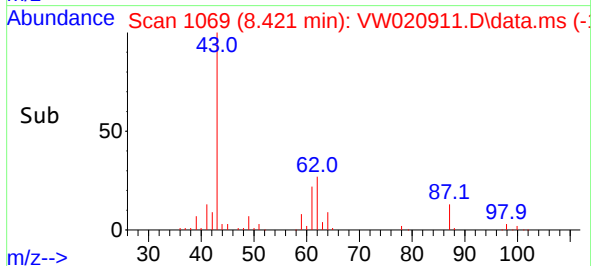
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 99992
Ion Ratio Lower Upper
43 100
61 30.2 23.7 35.5
87 13.7 11.5 17.3

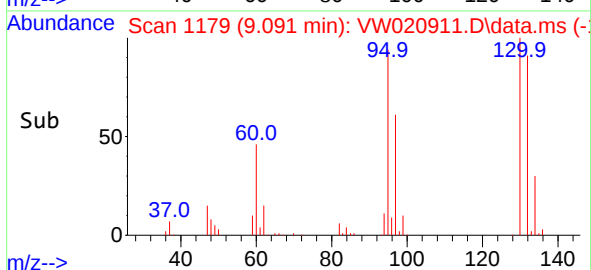
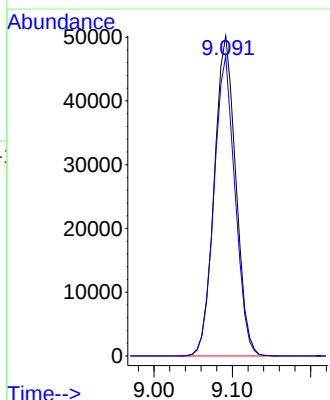
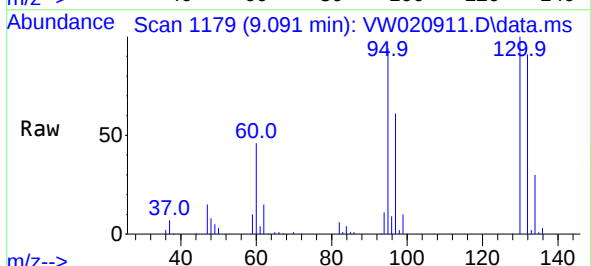
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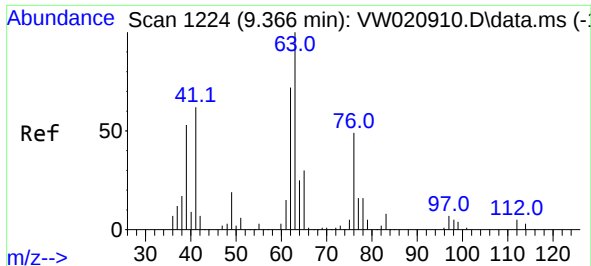
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 95.806 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:130 Resp: 95709
Ion Ratio Lower Upper
130 100
95 93.8 0.0 186.6





#45

1,2-Dichloropropane

Concen: 85.763 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 7423

Ion Ratio Lower Upper

63 100

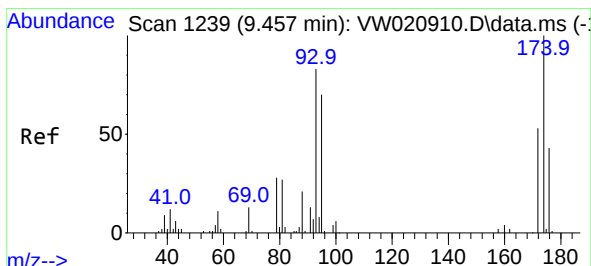
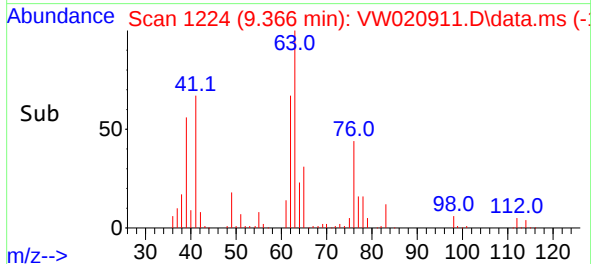
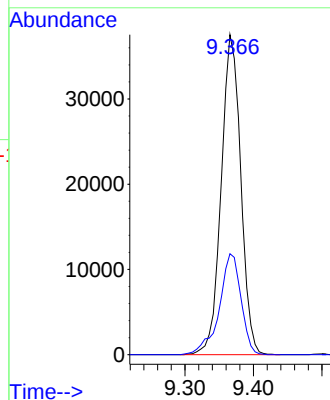
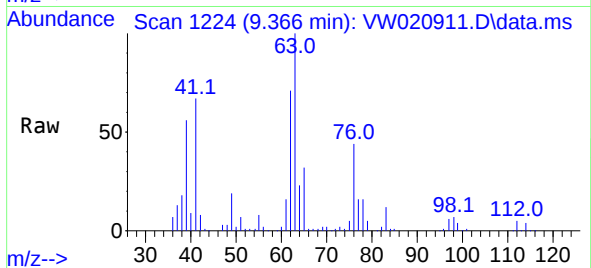
65 31.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 94.018 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

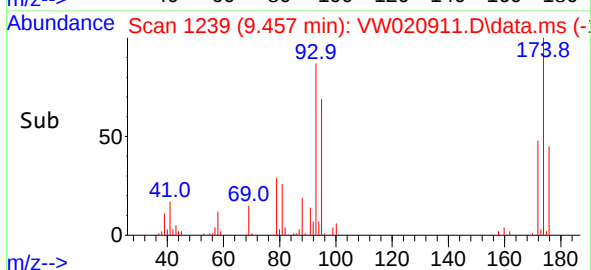
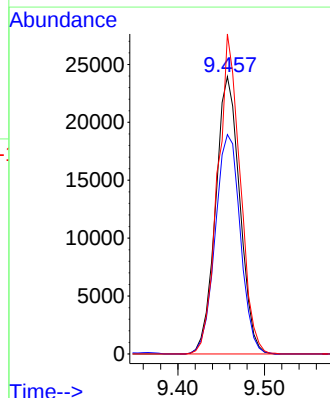
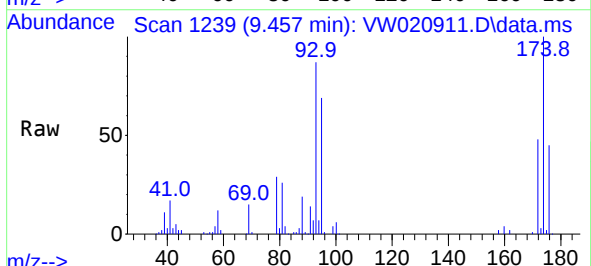
Tgt Ion: 93 Resp: 46393

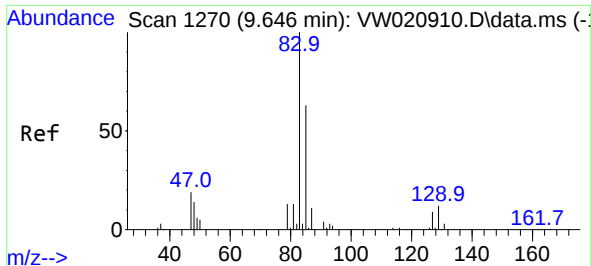
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 107.1 91.1 136.7





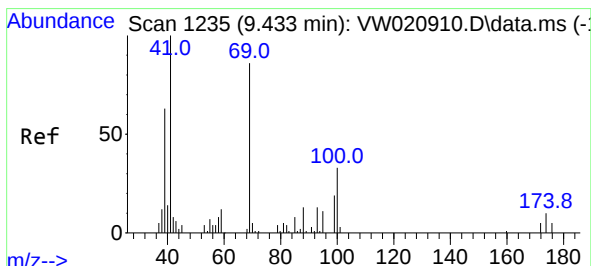
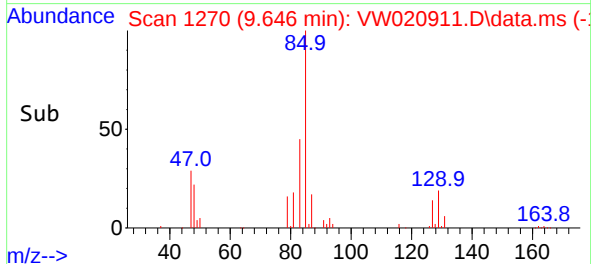
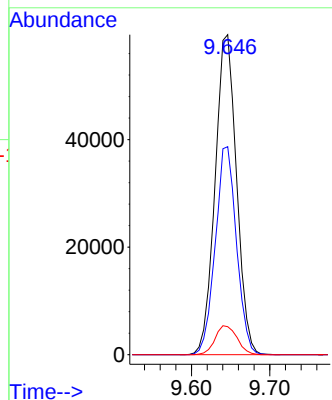
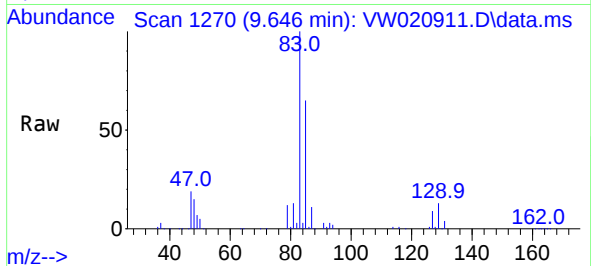
#47
Bromodichloromethane
Concen: 93.449 ug/l
RT: 9.646 min Scan# 11344
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 11344
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5
127 8.8 7.1 10.7

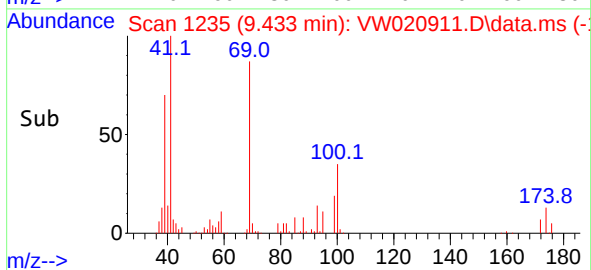
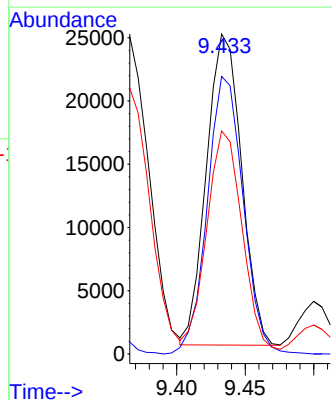
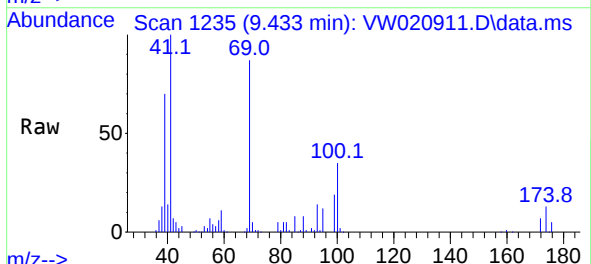
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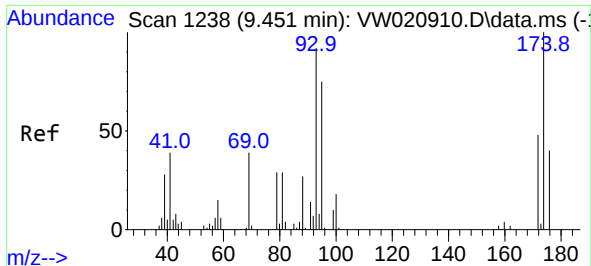
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 82.026 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 41 Resp: 43764
Ion Ratio Lower Upper
41 100
69 91.4 72.9 109.3
39 69.9 54.2 81.4





#49

1,4-Dioxane

Concen: 1881.129 ug/l

RT: 9.457 min Scan# 1238

Delta R.T. 0.006 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 1231

Ion Ratio Lower Upper

88 100

43 32.3 26.6 39.8

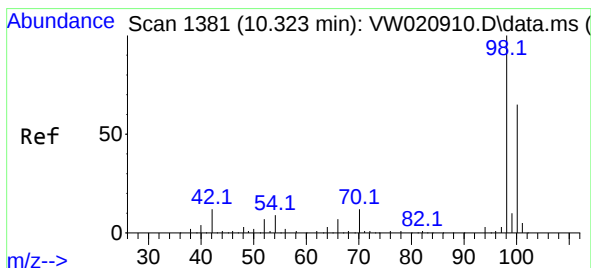
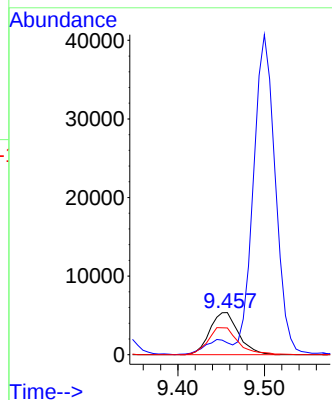
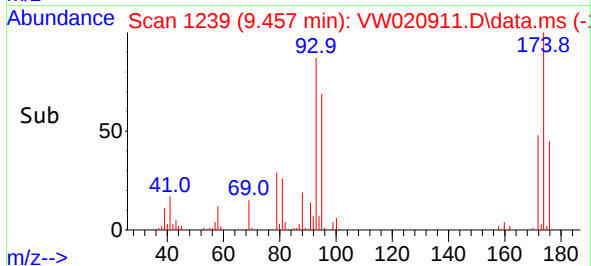
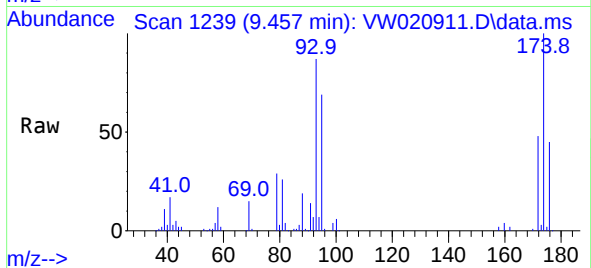
58 67.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 95.137 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020911.D

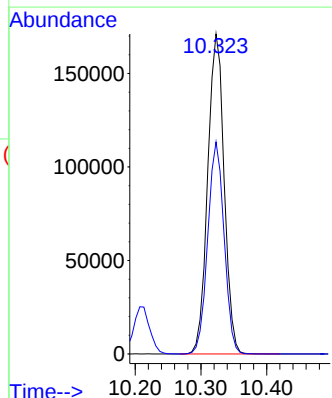
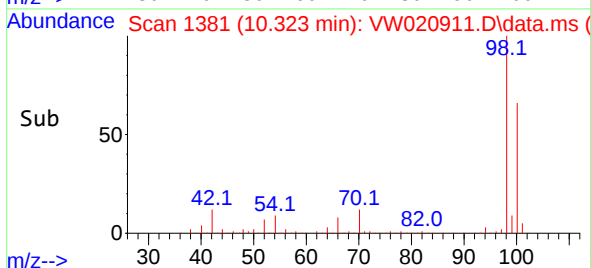
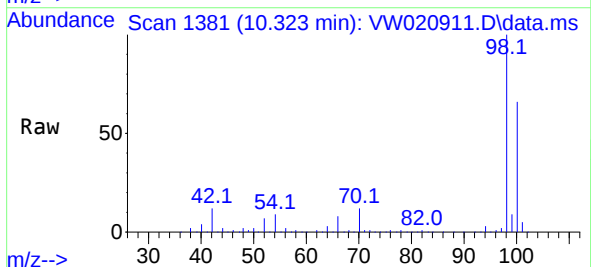
Acq: 17 Nov 2021 17:21

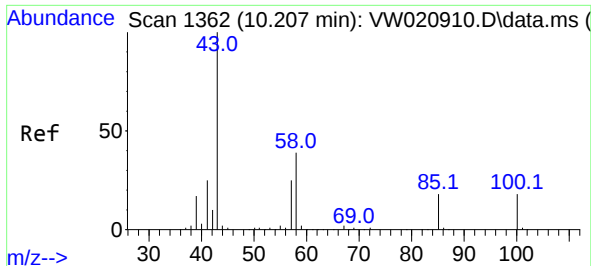
Tgt Ion: 98 Resp: 297499

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0





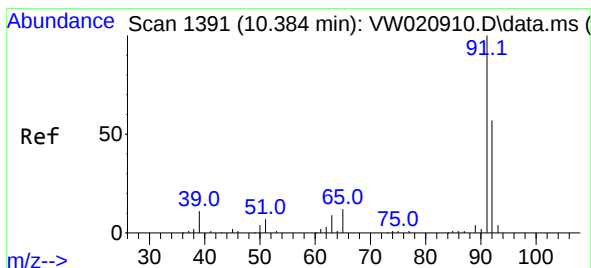
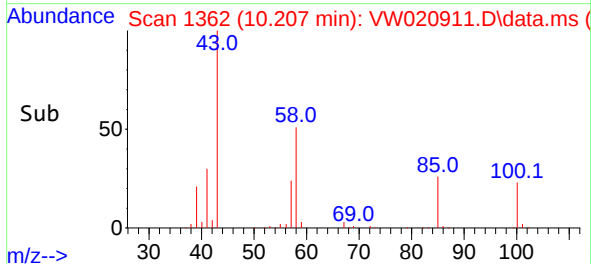
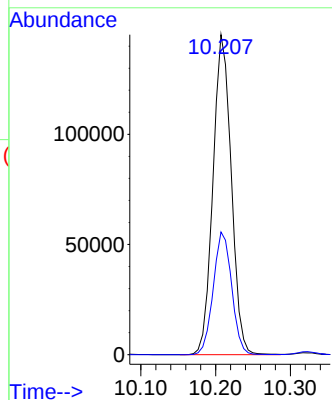
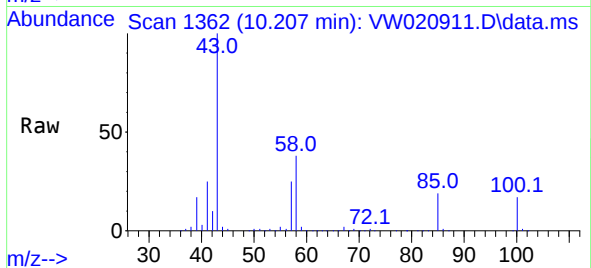
#51
4-Methyl-2-Pentanone
Concen: 412.005 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 24714
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3

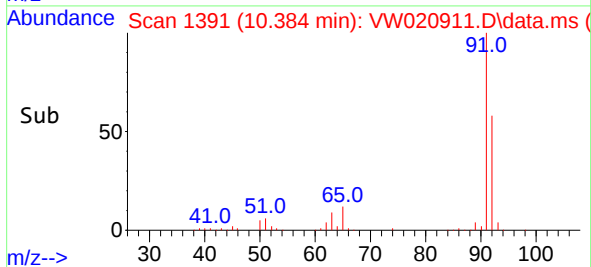
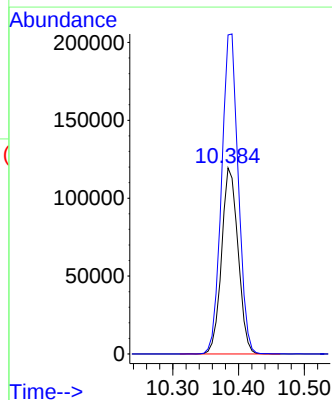
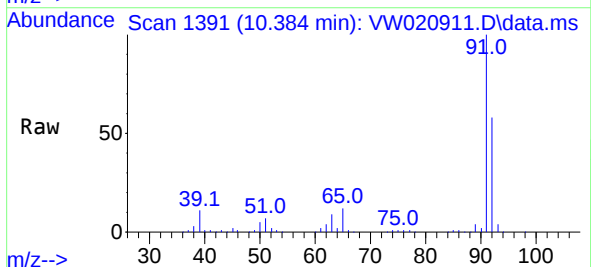
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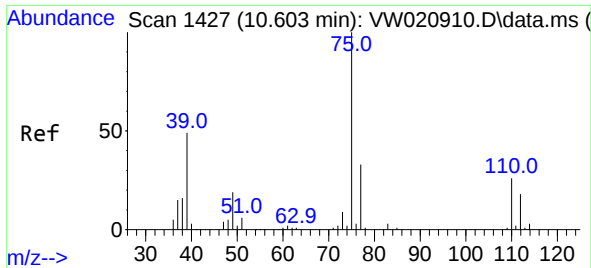
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 90.886 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 92 Resp: 207730
Ion Ratio Lower Upper
92 100
91 175.0 137.1 205.7





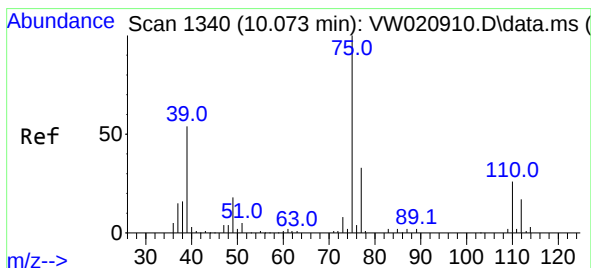
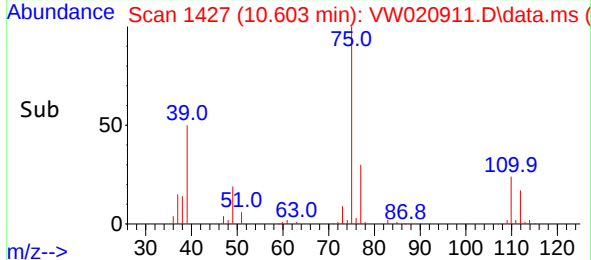
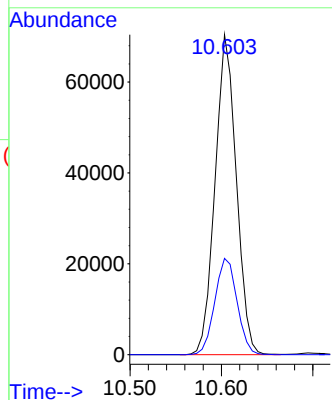
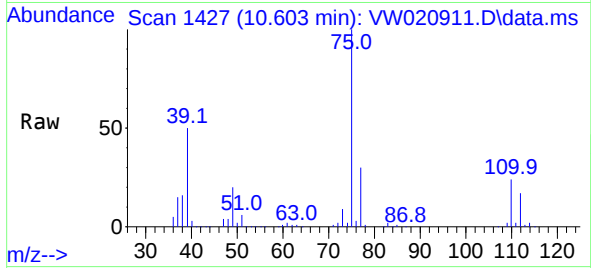
#53
t-1,3-Dichloropropene
Concen: 92.792 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 113740
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1

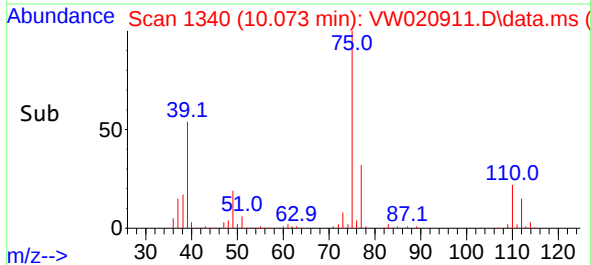
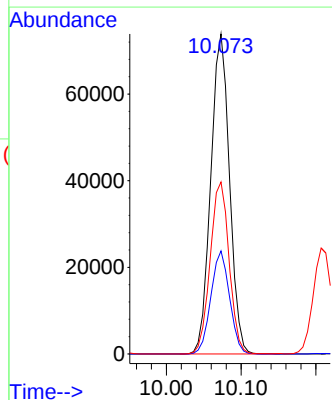
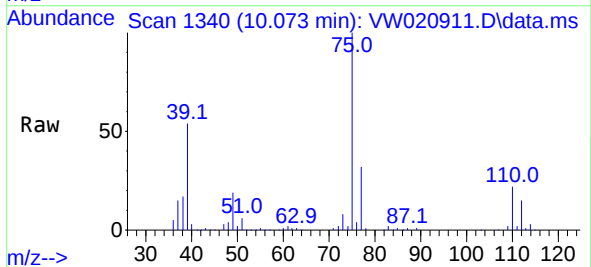
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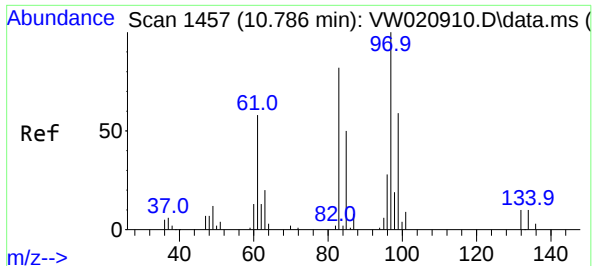
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 92.591 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 75 Resp: 128705
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
39 53.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 89.292 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 6102

Ion Ratio Lower Upper

97 100

83 75.9 65.4 98.2

85 51.9 39.9 59.9

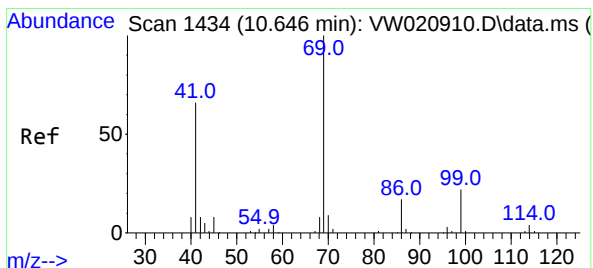
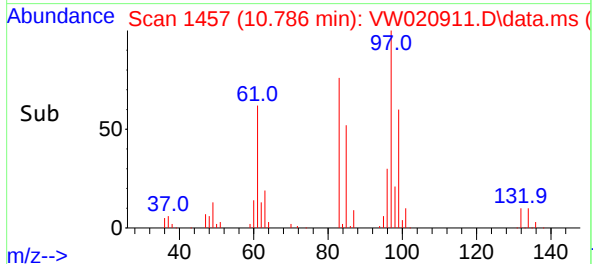
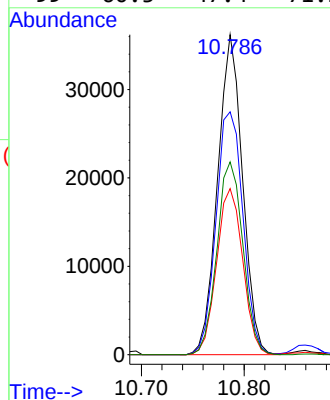
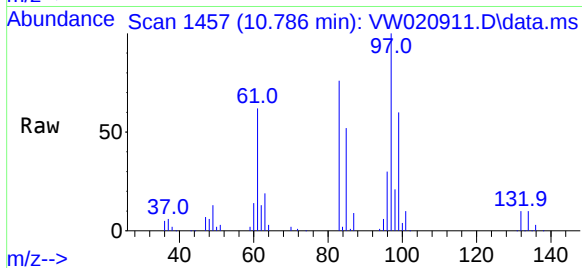
99 60.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#56

Ethyl methacrylate

Concen: 93.725 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

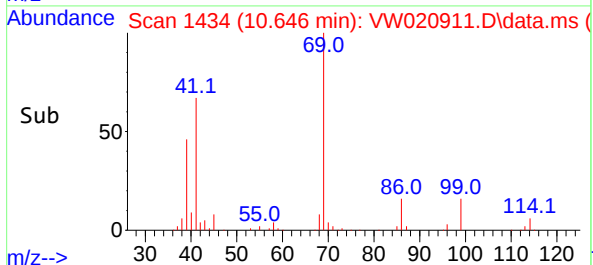
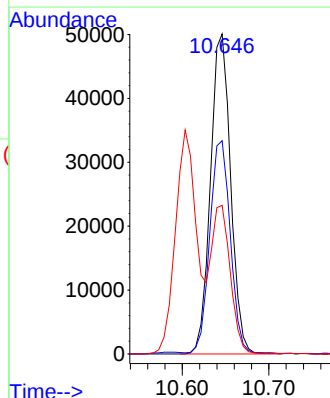
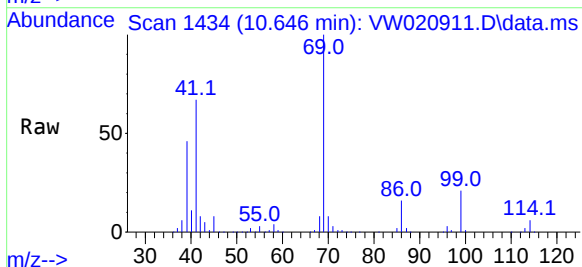
Tgt Ion: 69 Resp: 81034

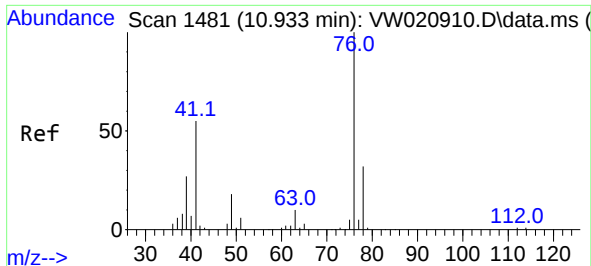
Ion Ratio Lower Upper

69 100

41 67.6 52.9 79.3

39 42.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 89.357 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 105184

Ion Ratio Lower Upper

76 100

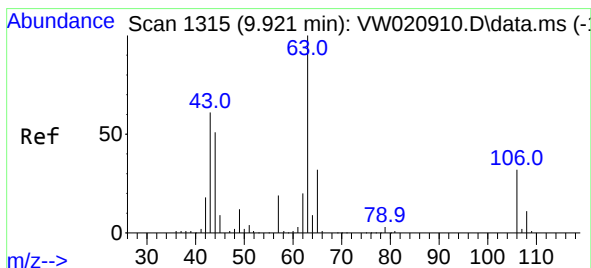
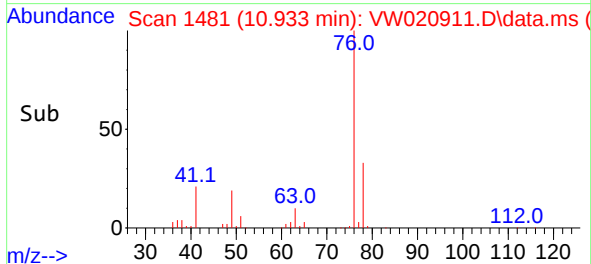
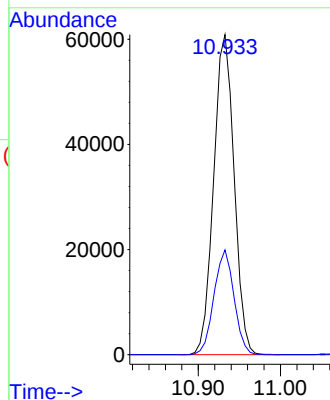
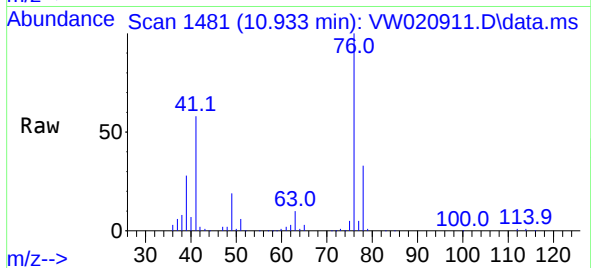
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 510.706 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VW020911.D

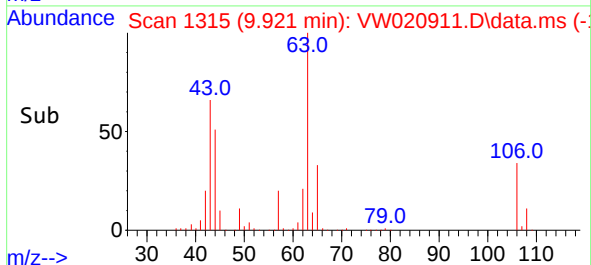
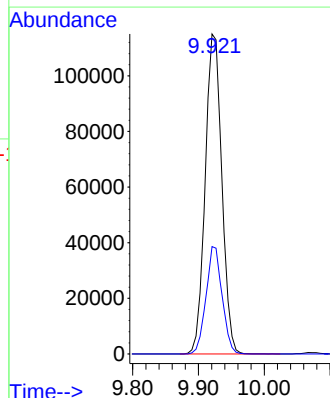
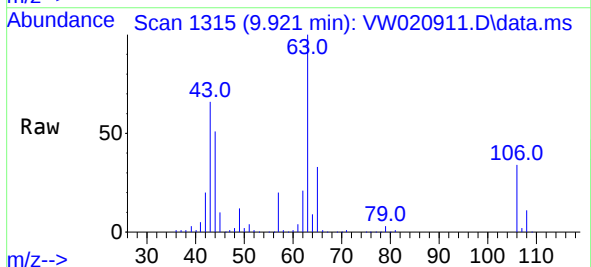
Acq: 17 Nov 2021 17:21

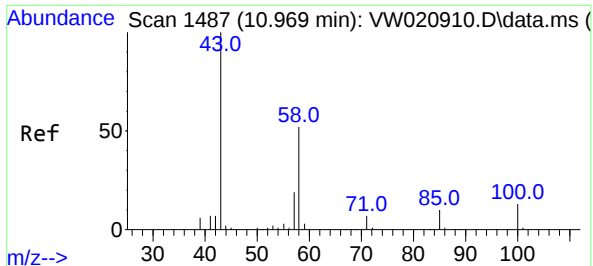
Tgt Ion: 63 Resp: 202265

Ion Ratio Lower Upper

63 100

106 32.4 26.3 39.5





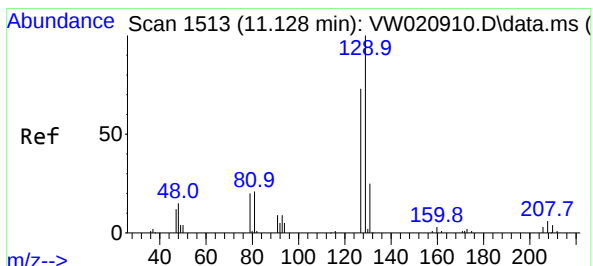
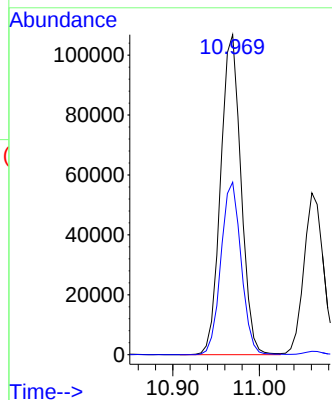
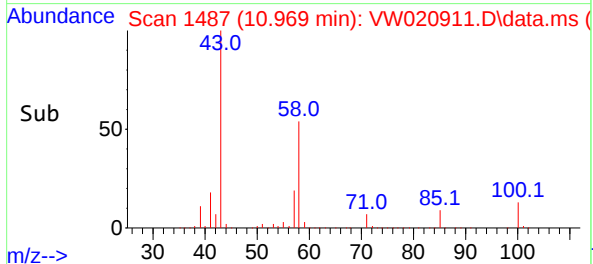
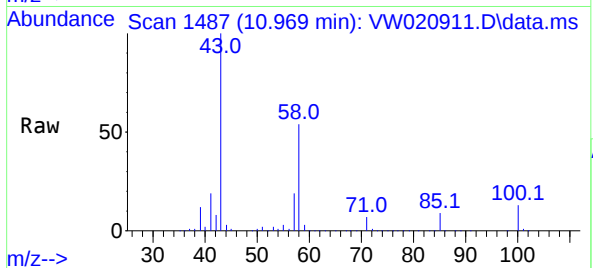
#59
2-Hexanone
Concen: 413.306 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 174540
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.0

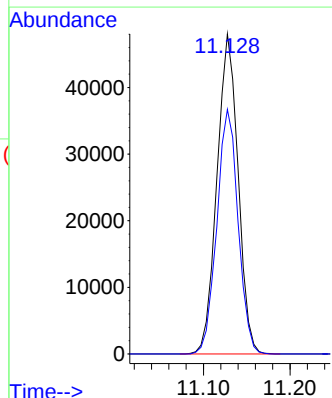
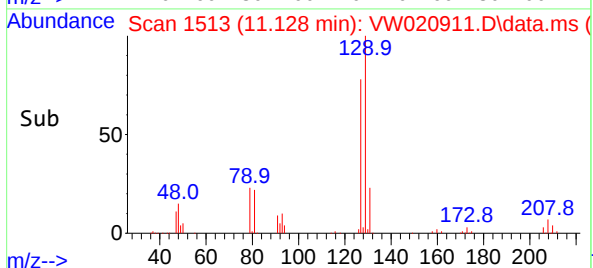
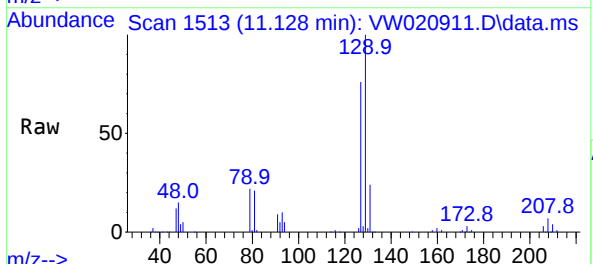
Manual Integrations
APPROVED

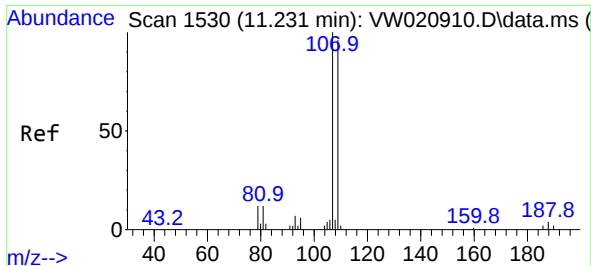
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 99.470 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:129 Resp: 81334
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.1





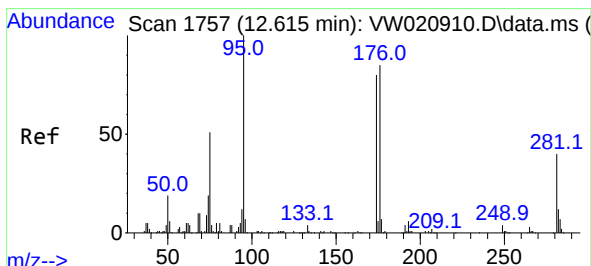
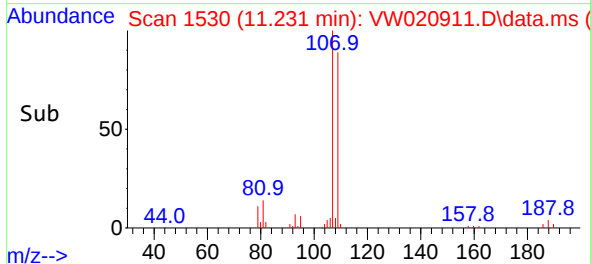
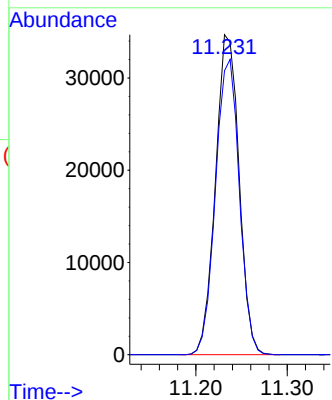
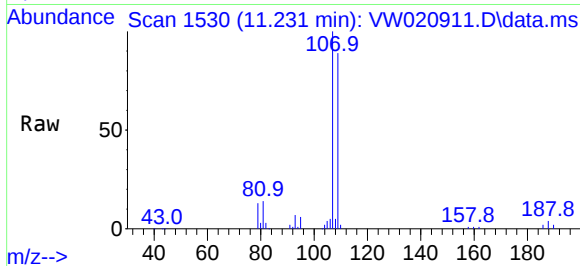
#61
1,2-Dibromoethane
Concen: 93.263 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 62220
Ion Ratio Lower Upper
107 100
109 93.3 74.1 111.1

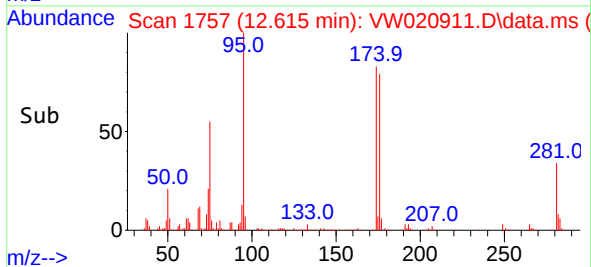
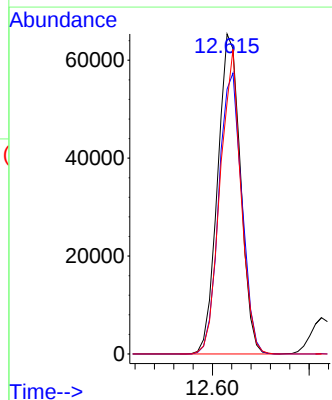
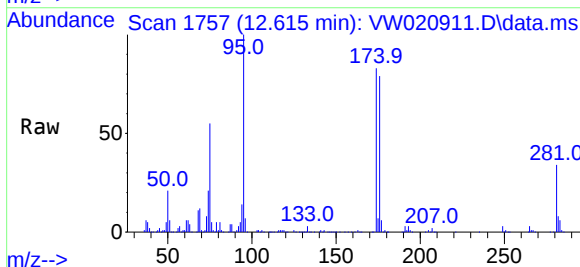
Manual Integrations
APPROVED

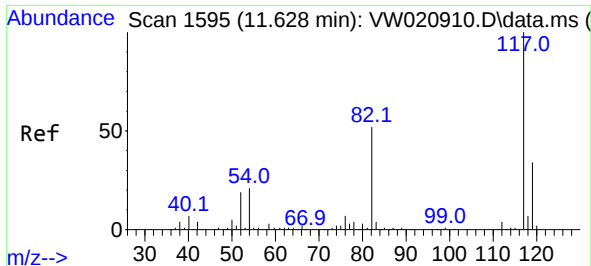
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 93.408 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

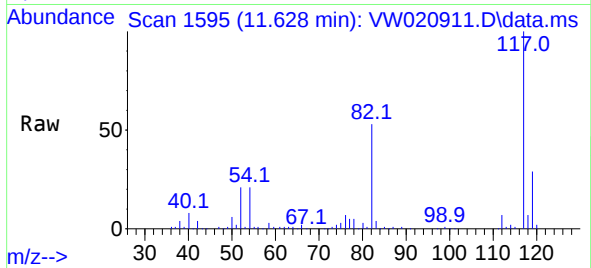
Tgt Ion: 95 Resp: 106926
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.2
176 86.8 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11639
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

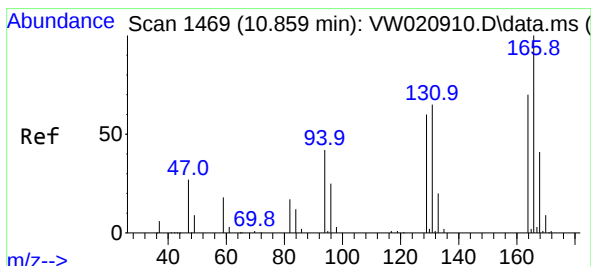
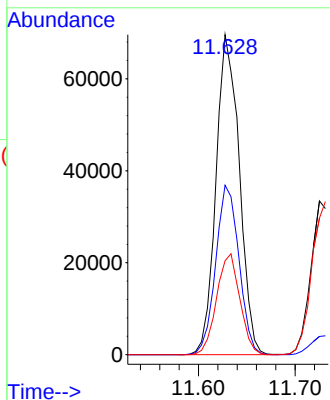
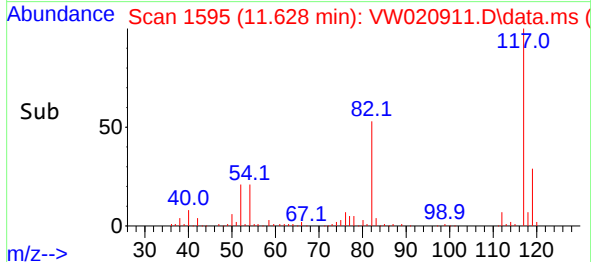
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



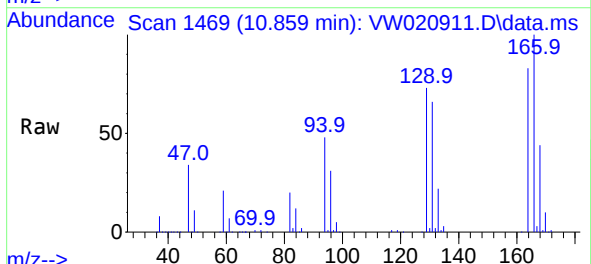
Tgt Ion:117 Resp: 11639
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 29.3 27.2 40.8

Manual Integrations
APPROVED

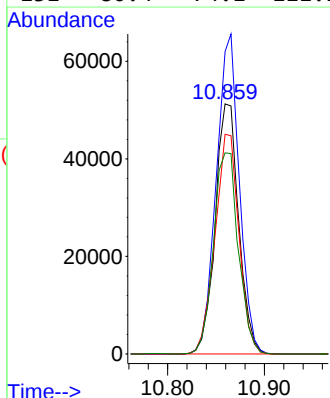
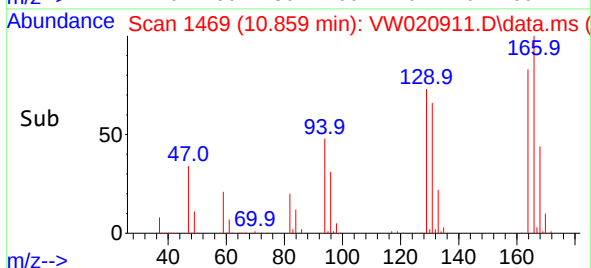
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

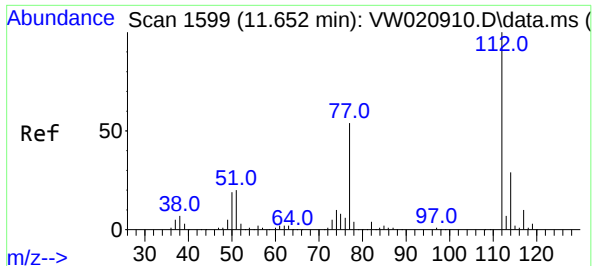


#64
Tetrachloroethene
Concen: 94.953 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion:164 Resp: 86420
Ion Ratio Lower Upper
164 100
166 120.9 114.4 171.6
129 87.8 68.3 102.5
131 80.4 74.1 111.1





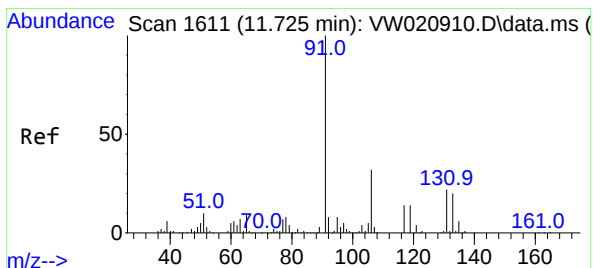
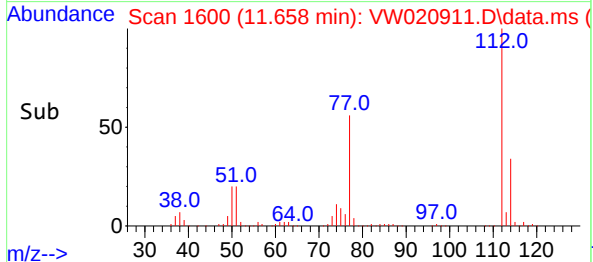
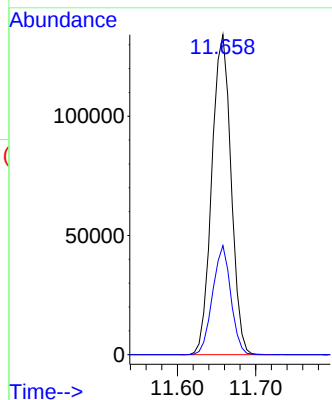
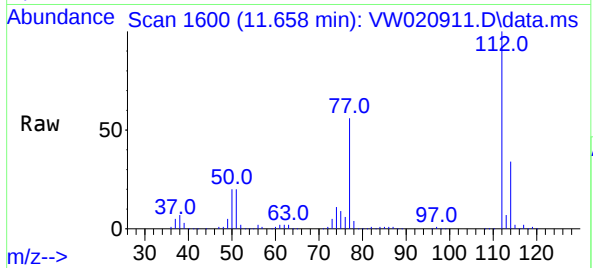
#65
Chlorobenzene
Concen: 91.351 ug/l
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 22917
Ion Ratio Lower Upper
112 100
114 34.1 23.0 34.6

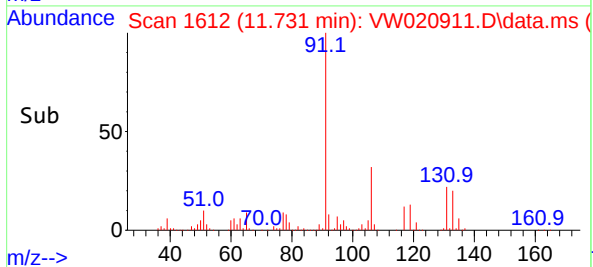
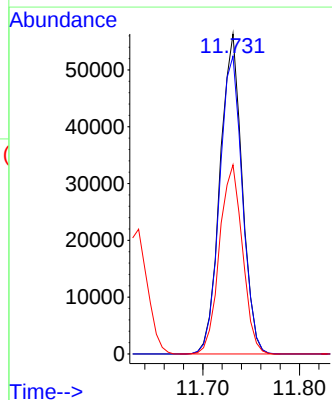
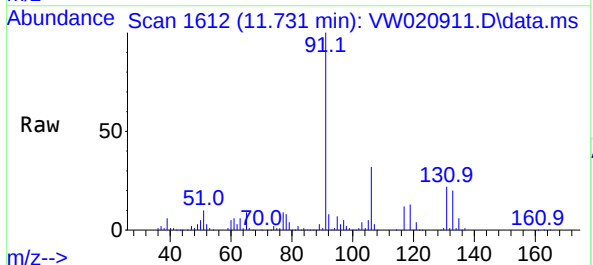
Manual Integrations
APPROVED

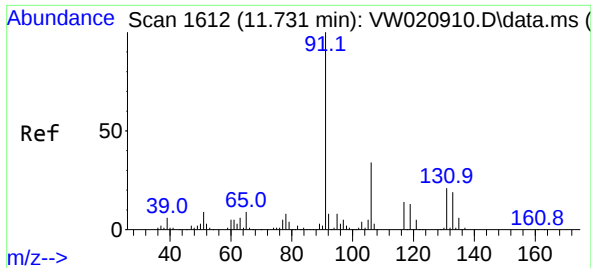
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 97.770 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:131 Resp: 89124
Ion Ratio Lower Upper
131 100
133 96.1 46.6 139.7
119 61.5 32.2 96.6





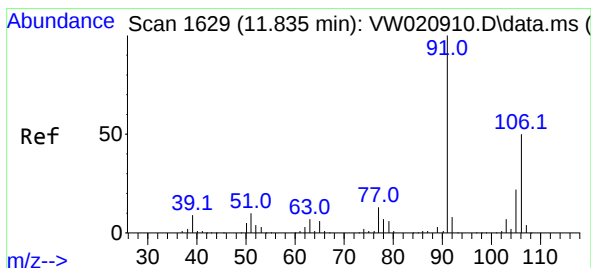
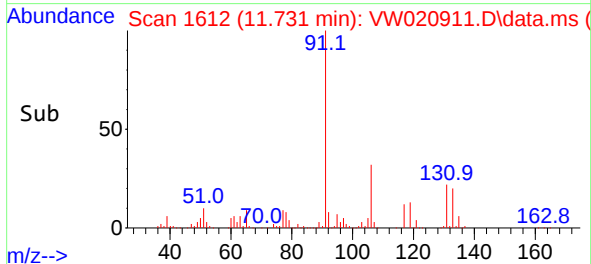
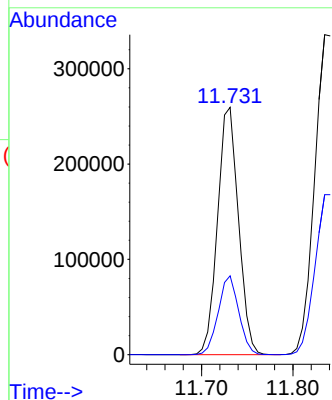
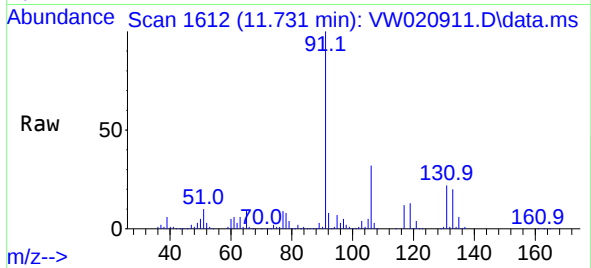
#67
Ethyl Benzene
Concen: 92.220 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 413409
Ion Ratio Lower Upper
91 100
106 31.9 27.3 40.9

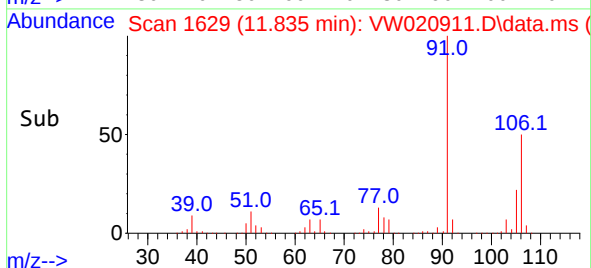
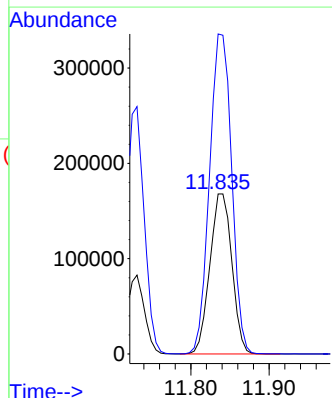
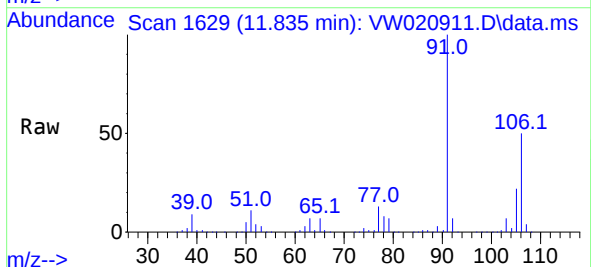
Manual Integrations
APPROVED

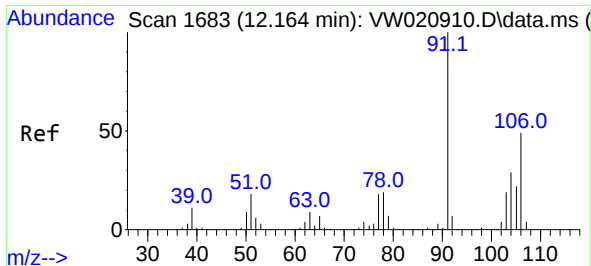
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 187.780 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:106 Resp: 328024
Ion Ratio Lower Upper
106 100
91 200.9 157.8 236.8





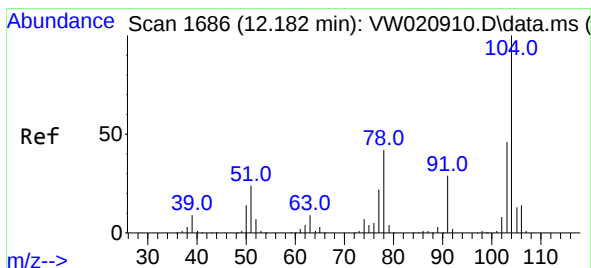
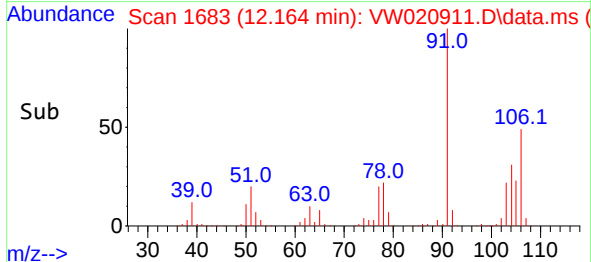
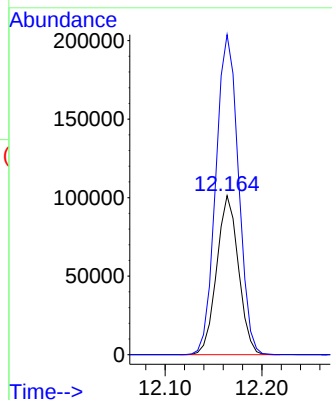
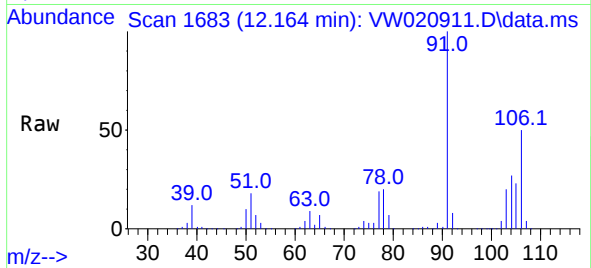
#69
o-Xylene
Concen: 97.691 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 158280
Ion Ratio Lower Upper
106 100
91 208.9 104.3 312.9

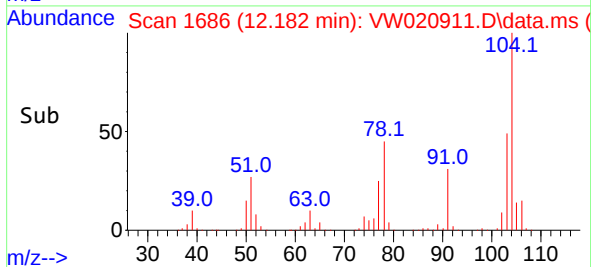
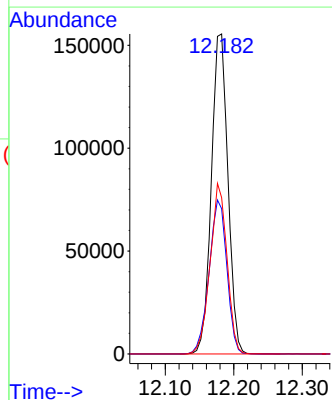
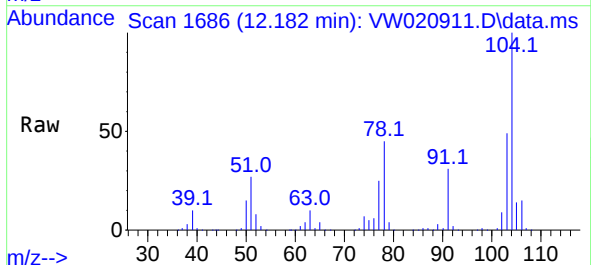
Manual Integrations
APPROVED

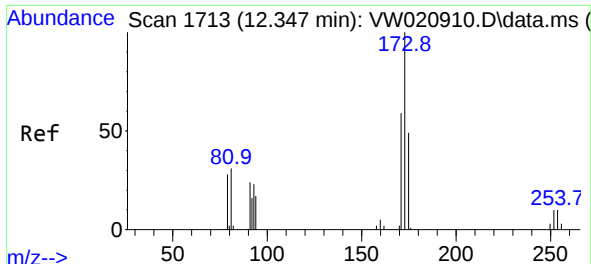
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 94.479 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

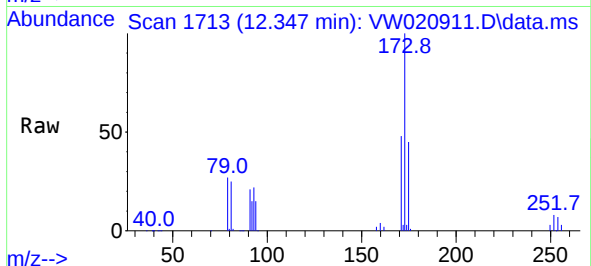
Tgt Ion:104 Resp: 260704
Ion Ratio Lower Upper
104 100
78 51.7 39.4 59.2
103 54.4 42.6 63.8





#71
Bromoform
Concen: 100.117 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

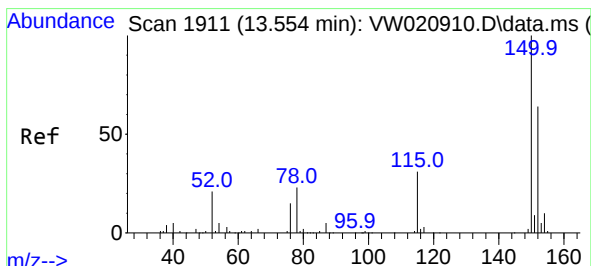
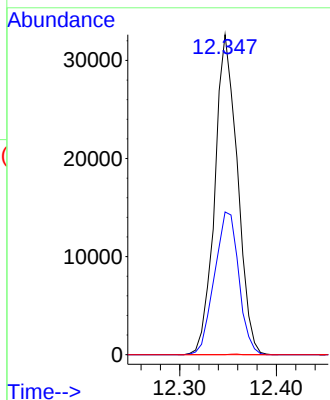
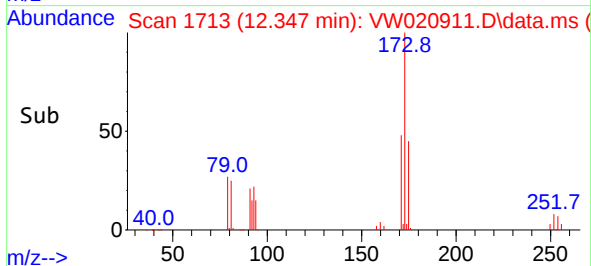
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



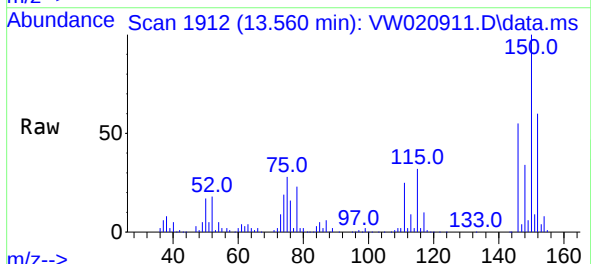
Tgt Ion:173 Resp: 5302
Ion Ratio Lower Upper
173 100
175 47.8 25.1 75.3
254 0.1 0.0 0.0

Manual Integrations
APPROVED

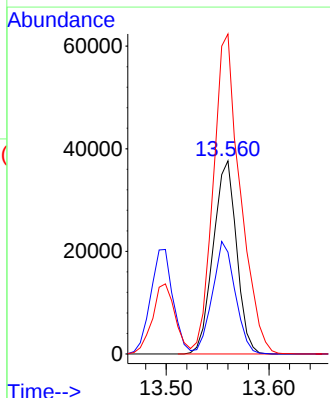
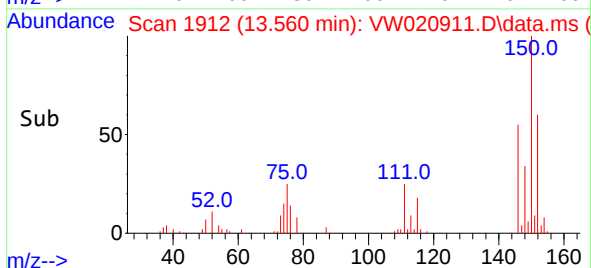
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

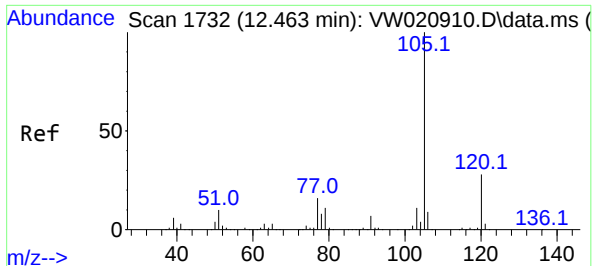


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



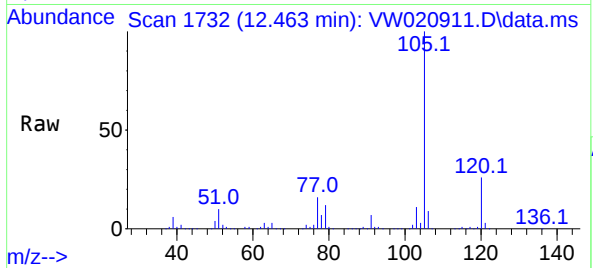
Tgt Ion:152 Resp: 59362
Ion Ratio Lower Upper
152 100
115 57.1 27.8 83.3
150 190.8 0.0 348.4





#73
Isopropylbenzene
Concen: 98.937 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

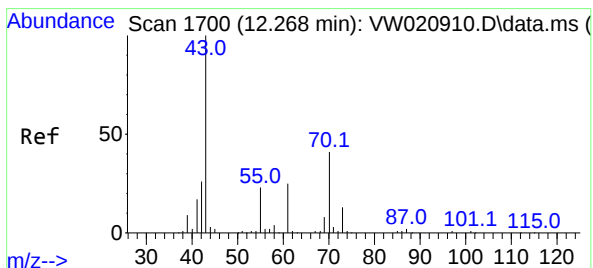
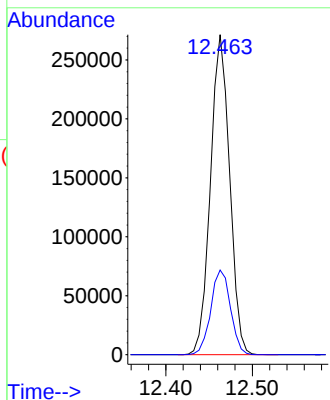
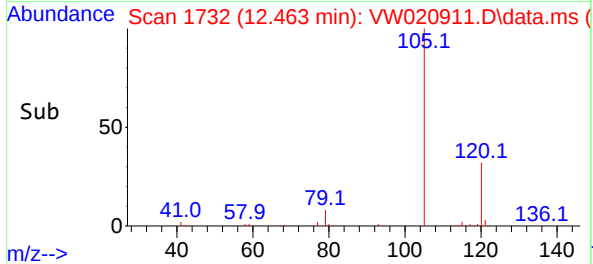
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



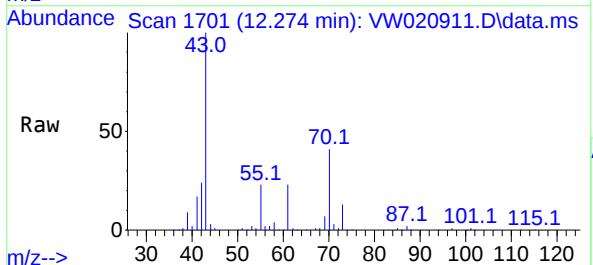
Tgt Ion:105 Resp: 41735
Ion Ratio Lower Upper
105 100
120 27.2 13.9 41.7

Manual Integrations
APPROVED

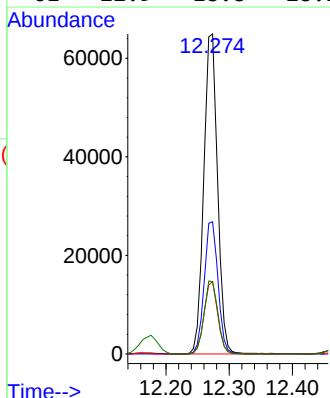
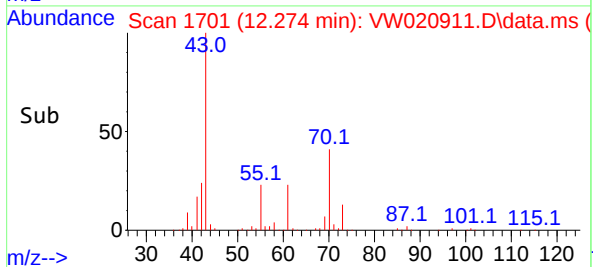
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

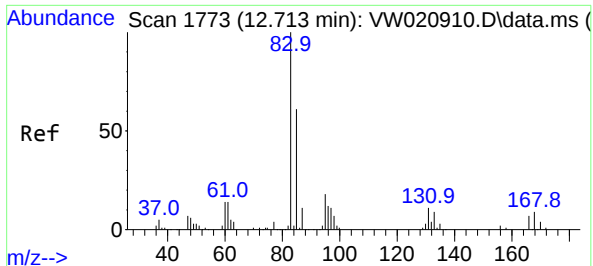


#74
N-ethyl acetate
Concen: 97.924 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 43 Resp: 98947
Ion Ratio Lower Upper
43 100
70 41.3 33.7 50.5
55 22.4 18.5 27.7
61 22.9 18.8 28.2





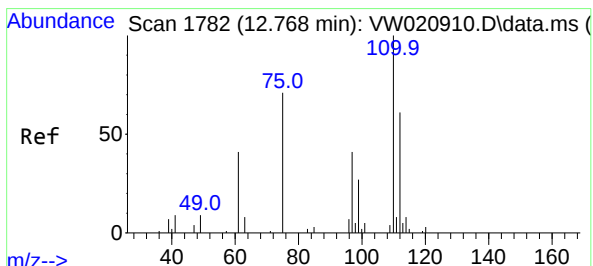
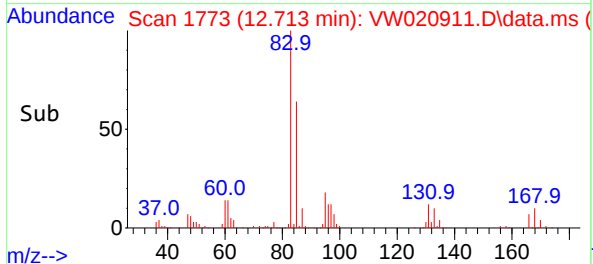
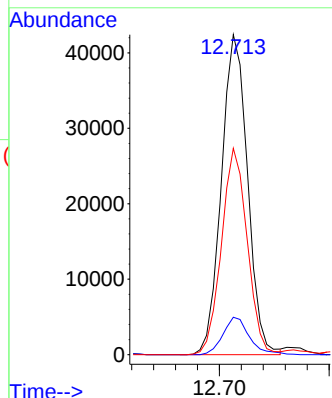
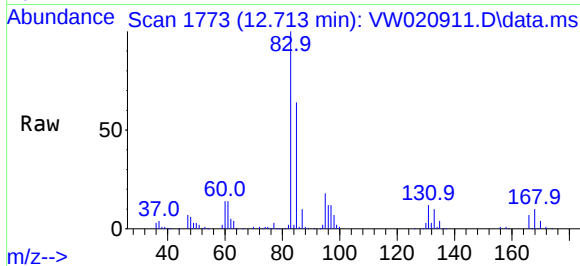
#75
1,1,2,2-Tetrachloroethane
Concen: 89.980 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 70239
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 63.5 32.0 96.0

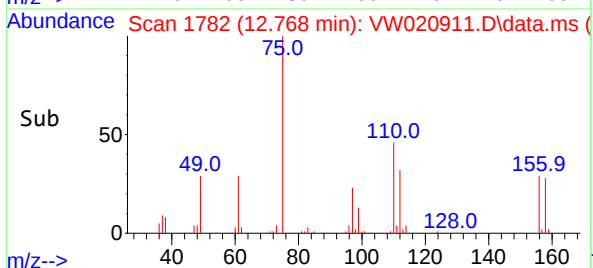
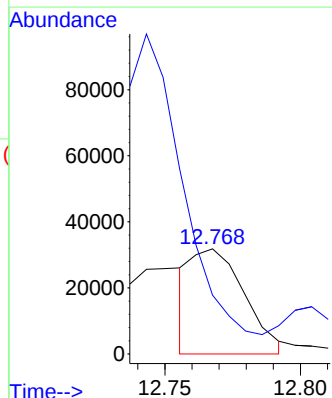
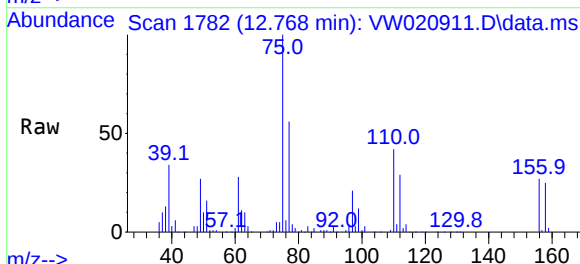
Manual Integrations
APPROVED

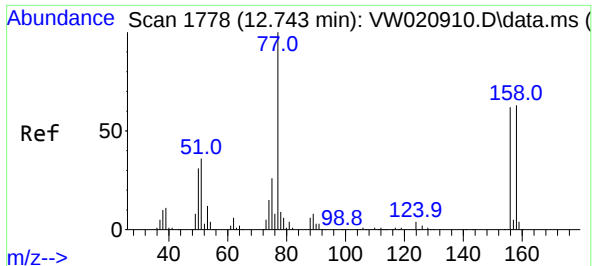
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 68.479 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

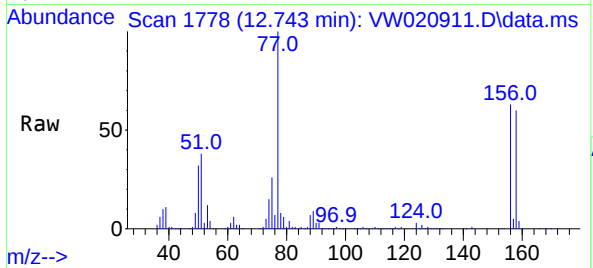
Tgt Ion: 75 Resp: 43437
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 100.198 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

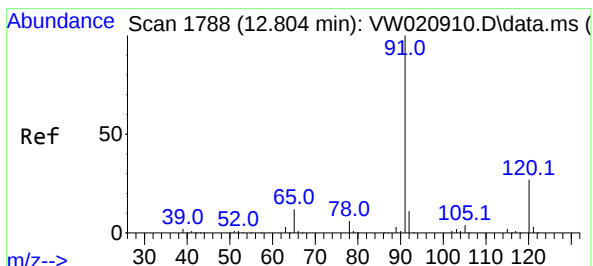
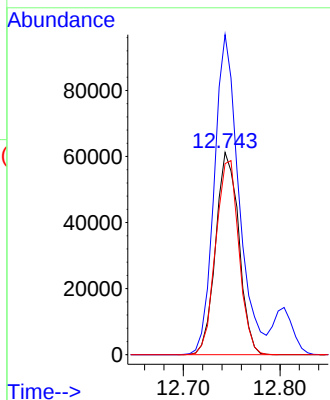
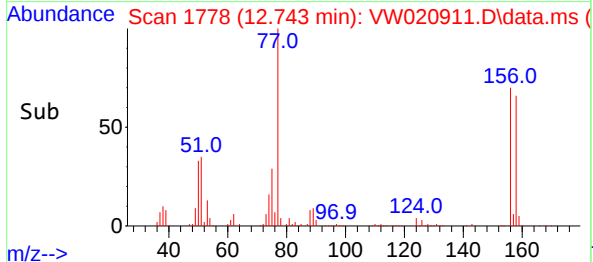
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100



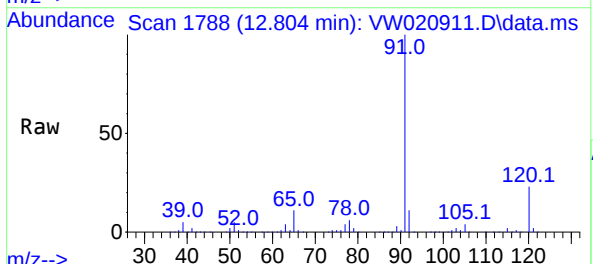
Tgt Ion:156 Resp: 101729
Ion Ratio Lower Upper
156 100
77 168.2 87.0 261.0
158 96.4 49.8 149.4

Manual Integrations
APPROVED

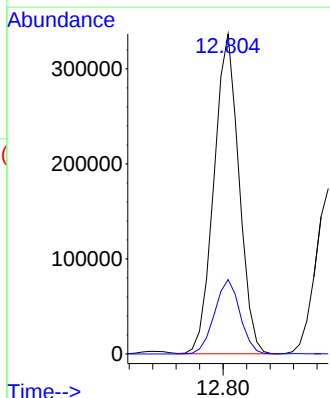
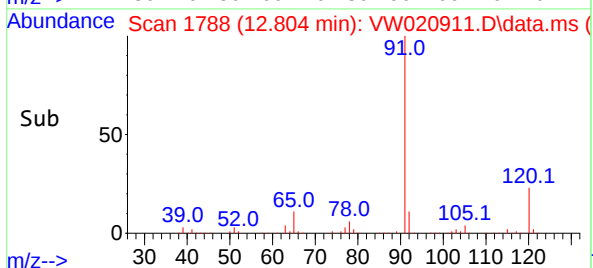
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

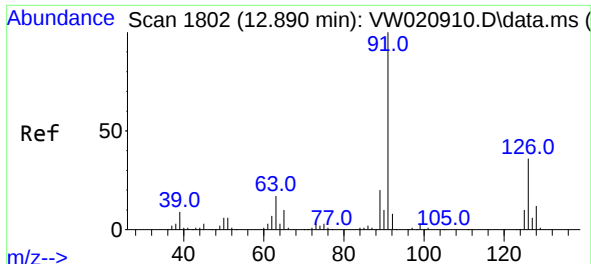


#78
n-propylbenzene
Concen: 96.701 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion: 91 Resp: 497949
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 94.901 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 28247

Ion Ratio Lower Upper

91 100

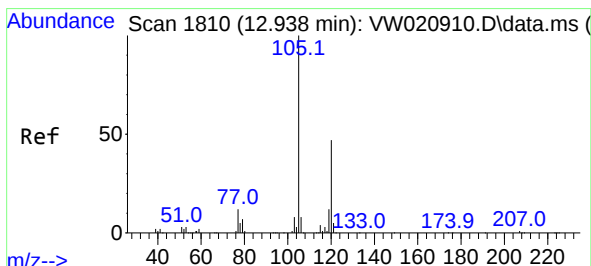
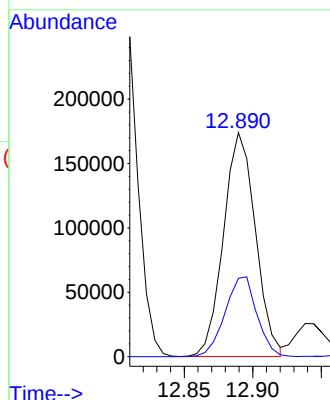
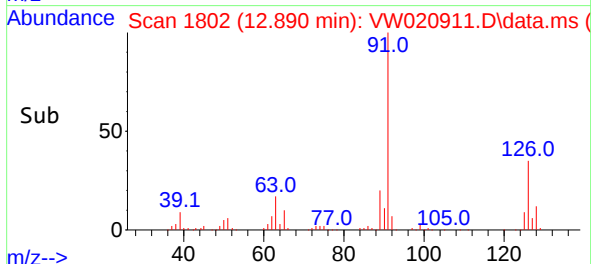
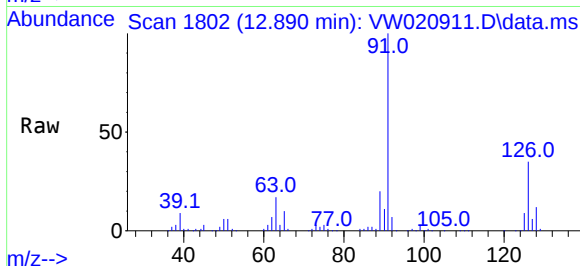
126 35.7 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#80

1,3,5-Trimethylbenzene

Concen: 97.920 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020911.D

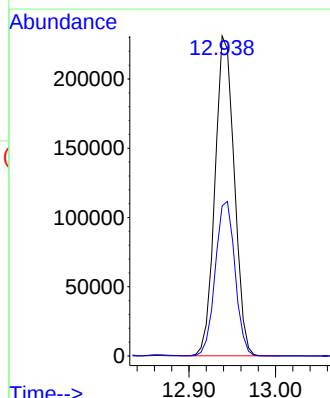
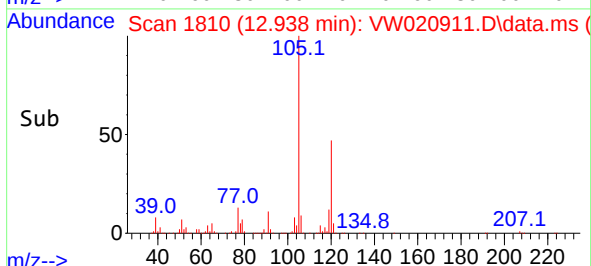
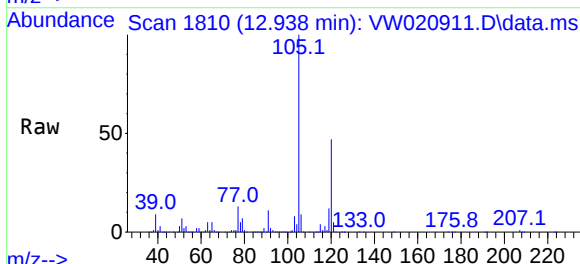
Acq: 17 Nov 2021 17:21

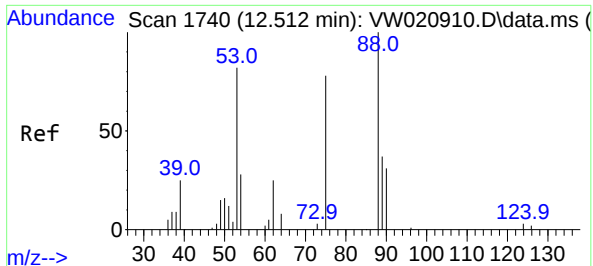
Tgt Ion:105 Resp: 358025

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





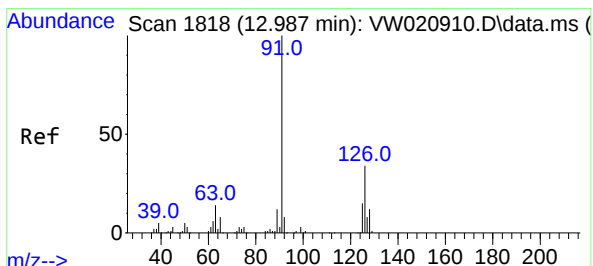
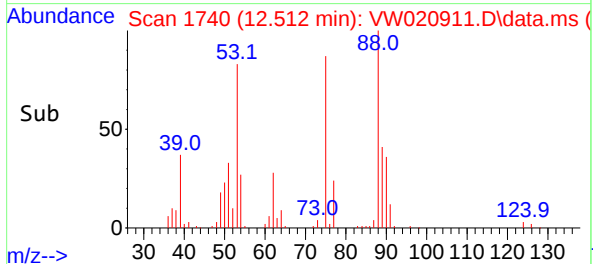
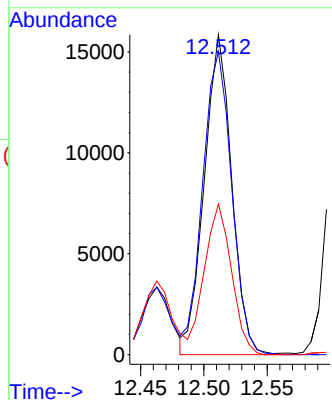
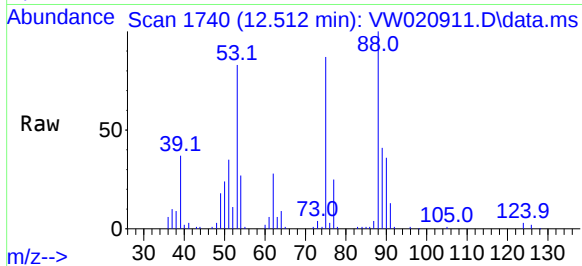
#81
trans-1,4-Dichloro-2-butene
Concen: 96.879 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 23950
Ion Ratio Lower Upper
75 100
53 100.1 81.8 122.8
89 46.2 38.6 57.8

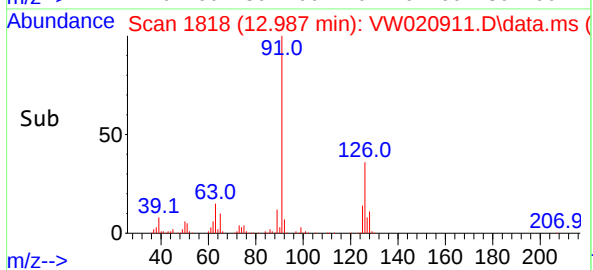
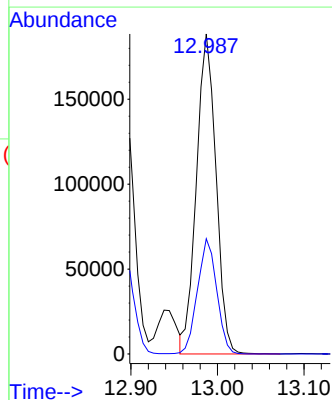
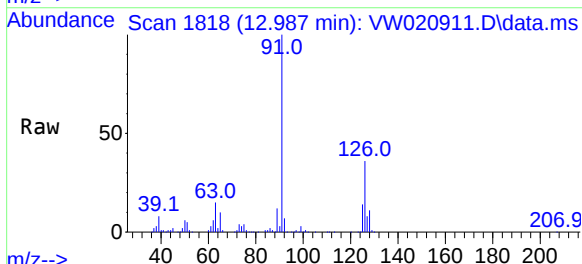
Manual Integrations
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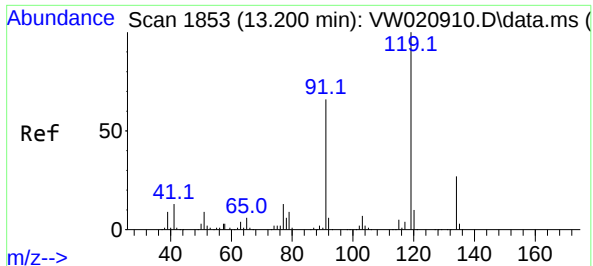
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 94.110 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion: 91 Resp: 295115
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2





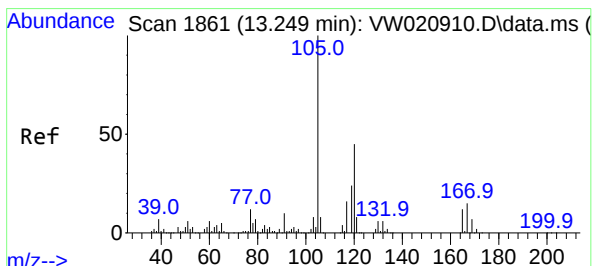
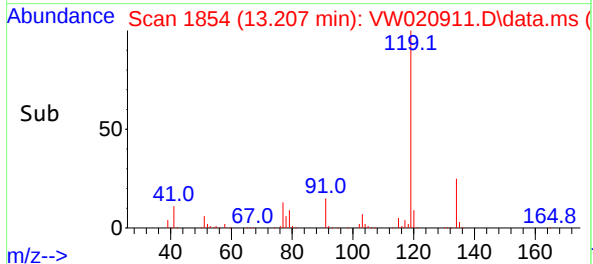
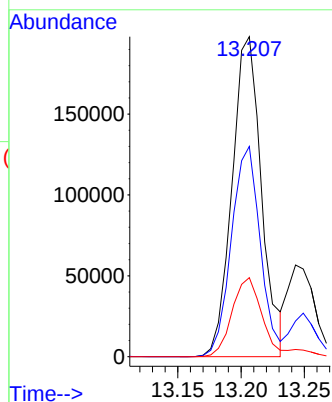
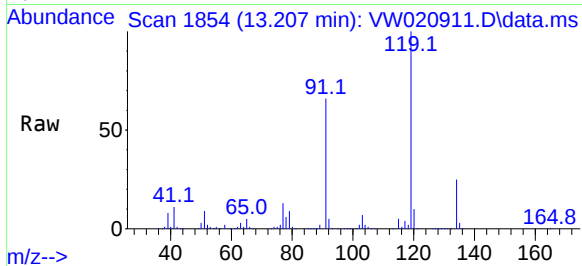
#83
tert-Butylbenzene
Concen: 101.572 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 320790
Ion Ratio Lower Upper
119 100
91 64.5 32.6 97.8
134 25.0 13.2 39.5

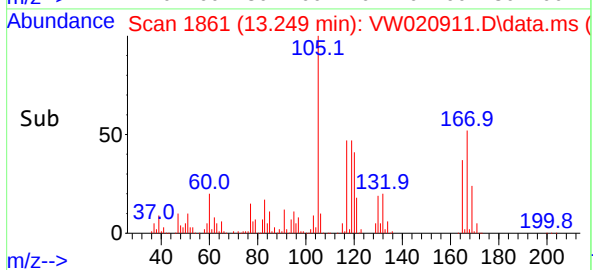
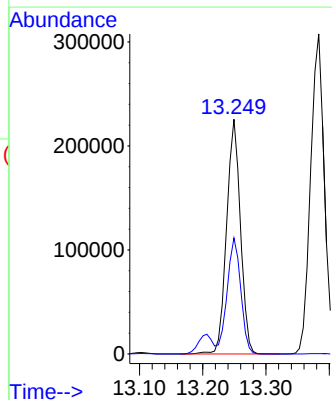
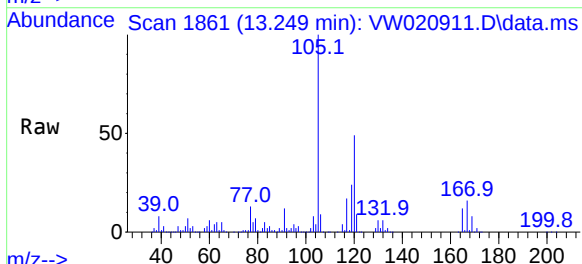
Manual Integrations
APPROVED

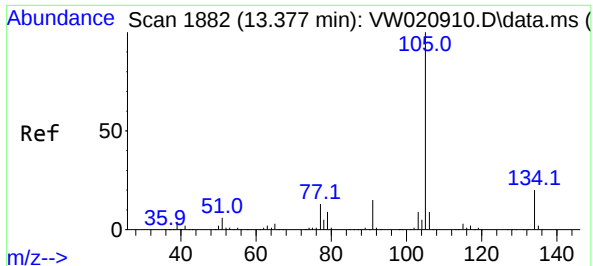
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 94.032 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:105 Resp: 340939
Ion Ratio Lower Upper
105 100
120 48.9 22.7 68.1





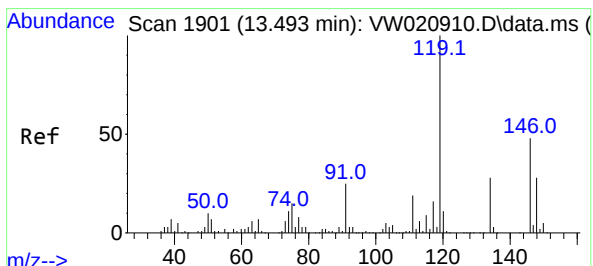
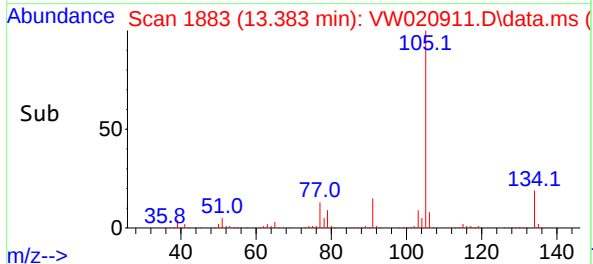
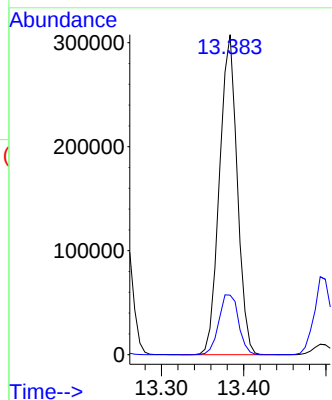
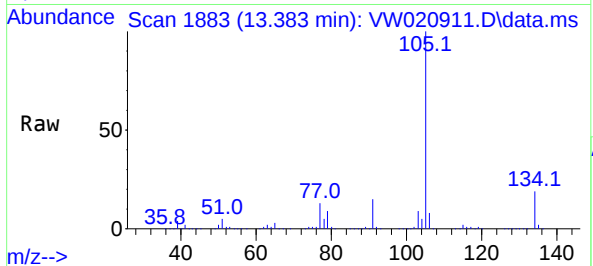
#85
 sec-Butylbenzene
 Concen: 97.468 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020911.D
 Acq: 17 Nov 2021 17:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 46043
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.4

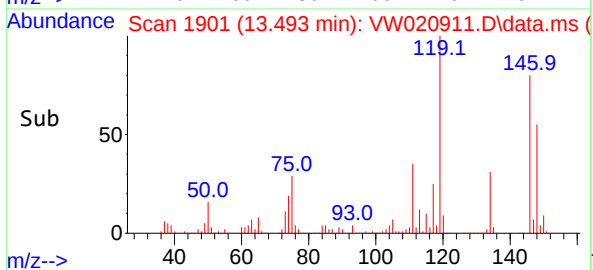
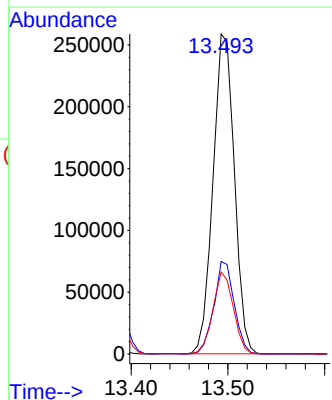
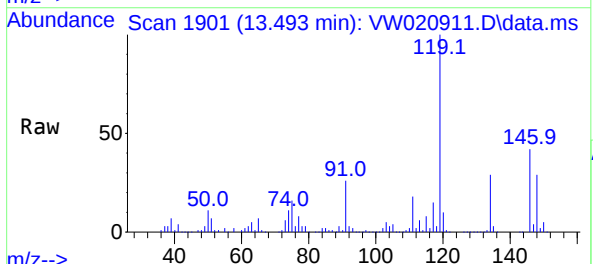
Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

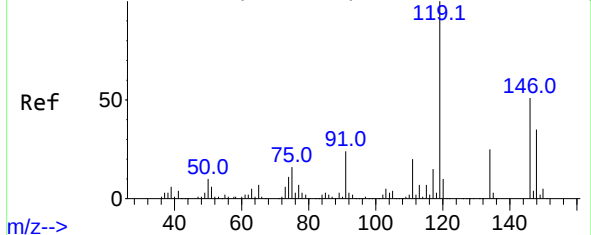


#86
 p-Isopropyltoluene
 Concen: 98.199 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020911.D
 Acq: 17 Nov 2021 17:21

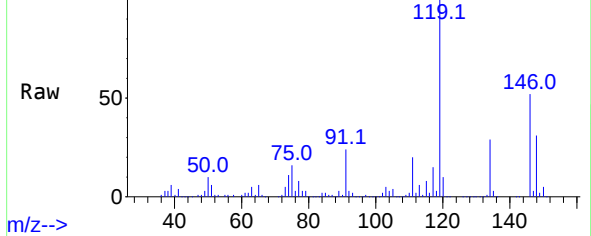
Tgt Ion:119 Resp: 395966
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 24.4 11.9 35.9



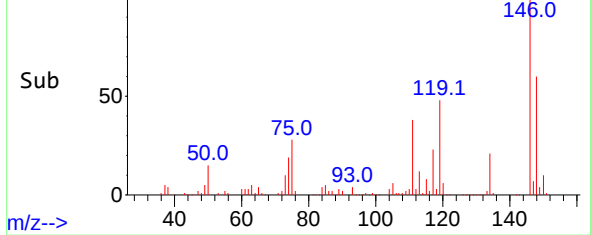
Abundance Scan 1902 (13.499 min): VW020910.D\data.ms (



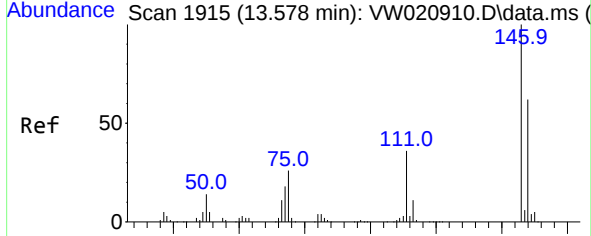
m/z--> Abundance Scan 1902 (13.499 min): VW020911.D\data.ms



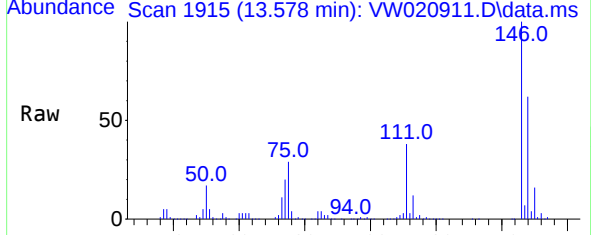
m/z--> Abundance Scan 1902 (13.499 min): VW020911.D\data.ms (



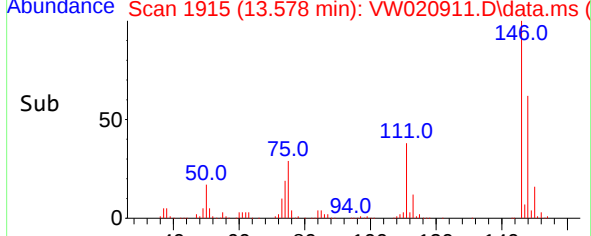
m/z--> Abundance Scan 1915 (13.578 min): VW020910.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms



m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

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m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

m/z--> Abundance Scan 1915 (13.578 min): VW020911.D\data.ms (

#87

1,3-Dichlorobenzene

Concen: 94.393 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

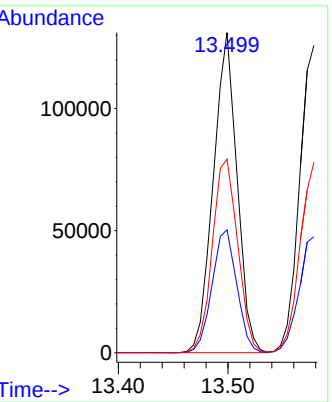
Tgt Ion:146 Resp: 19732

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 96.571 ug/l

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

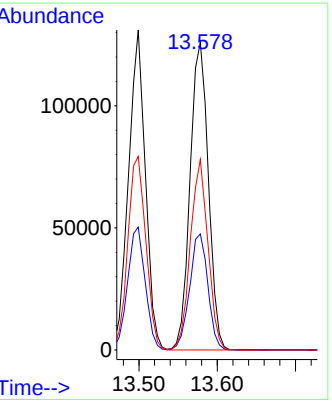
Tgt Ion:146 Resp: 203918

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.4

148 59.7 31.1 93.2



Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Time--> 13.40 13.50

Instrument :

MSVOA_W

ClientSampleId :

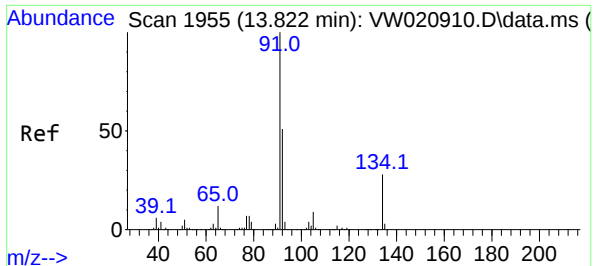
VSTDICC100

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#89

n-Butylbenzene

Concen: 93.616 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

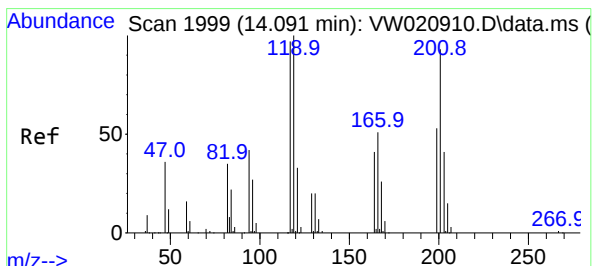
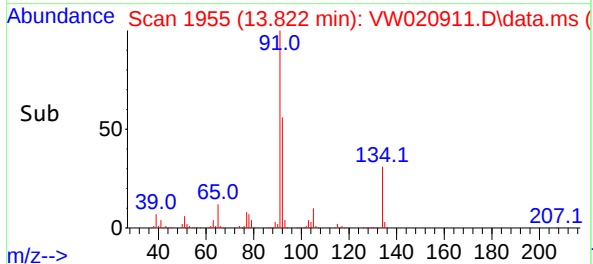
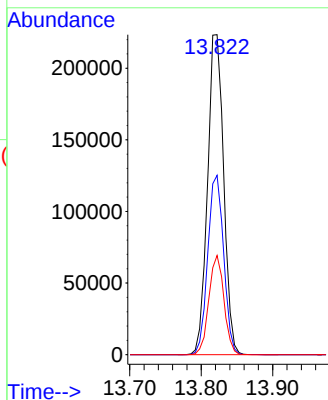
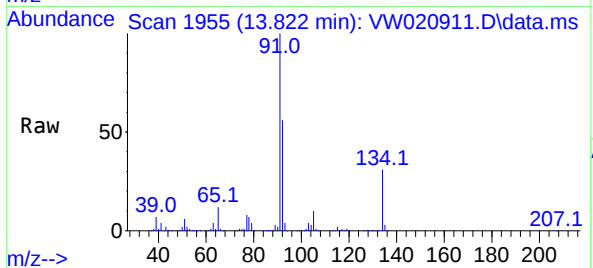
Tgt Ion: 91 Resp: 34987

Ion	Ratio	Lower	Upper
91	100		
92	55.3	26.5	79.4
134	29.1	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90

Hexachloroethane

Concen: 105.542 ug/l

RT: 14.091 min Scan# 1999

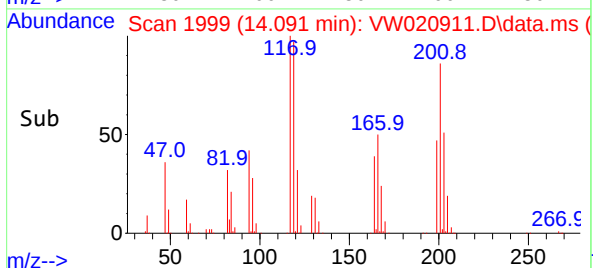
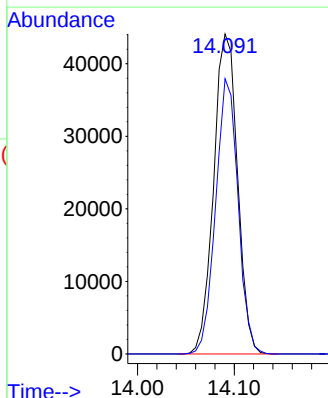
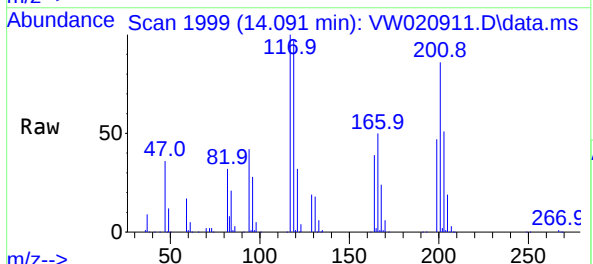
Delta R.T. -0.000 min

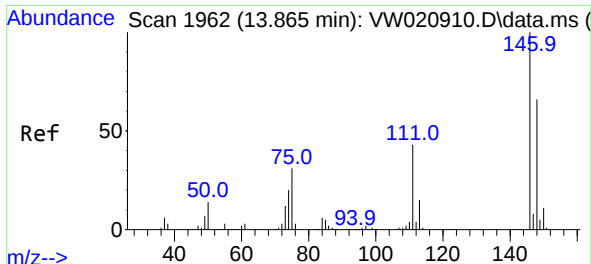
Lab File: VW020911.D

Acq: 17 Nov 2021 17:21

Tgt Ion:117 Resp: 75580

Ion	Ratio	Lower	Upper
117	100		
201	80.7	43.8	131.4





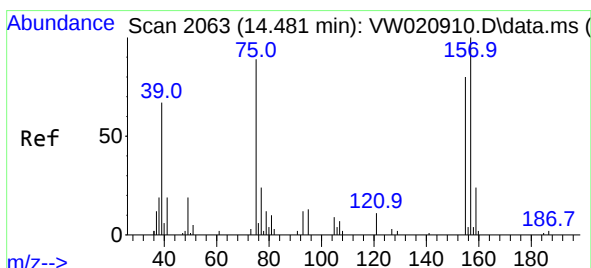
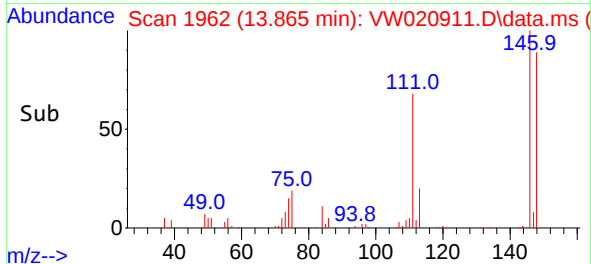
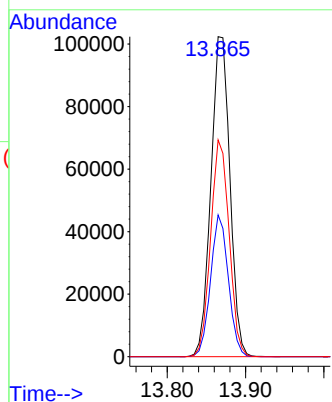
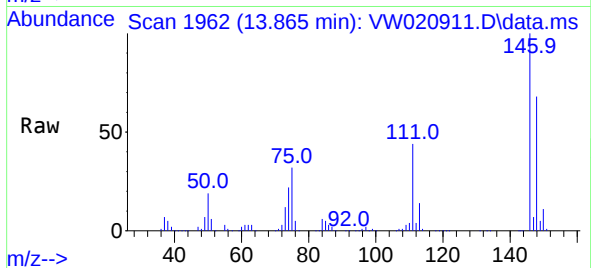
#91
1,2-Dichlorobenzene
Concen: 92.754 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 17239
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 65.9 32.6 97.8

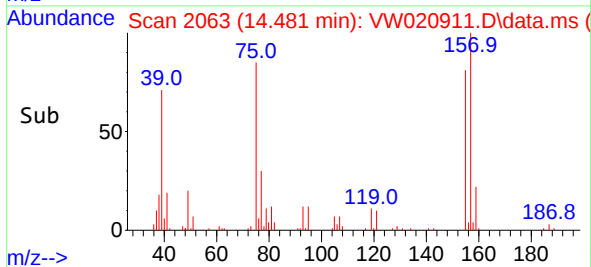
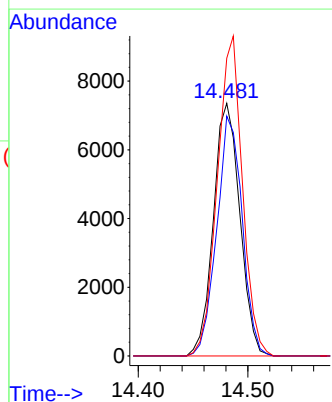
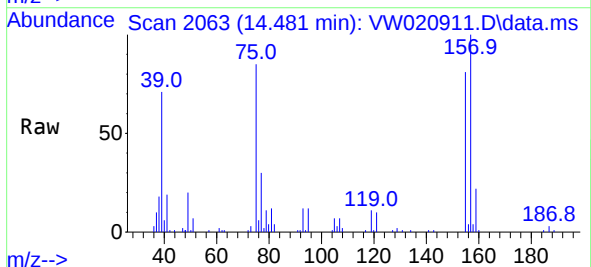
Manual Integrations
APPROVED

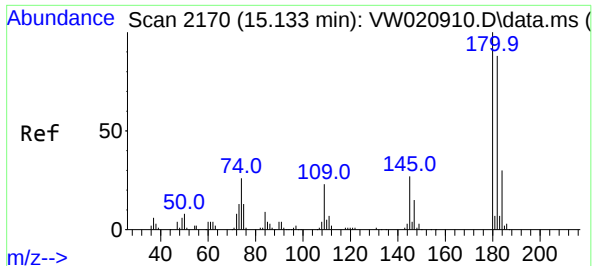
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 87.891 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

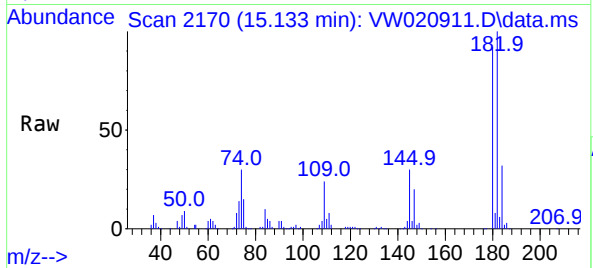
Tgt Ion: 75 Resp: 12334
Ion Ratio Lower Upper
75 100
155 91.3 45.9 137.6
157 120.2 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 92.752 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

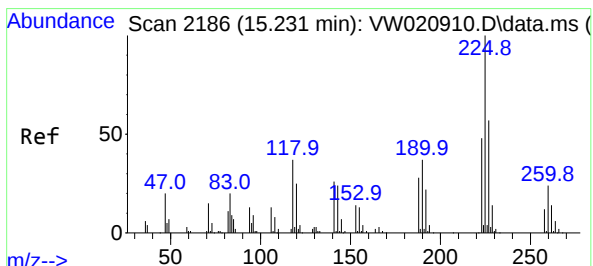
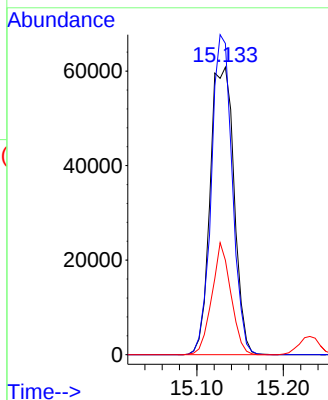
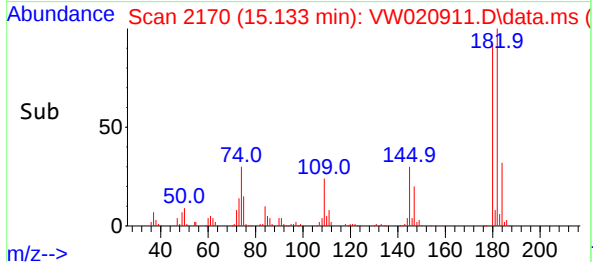
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100



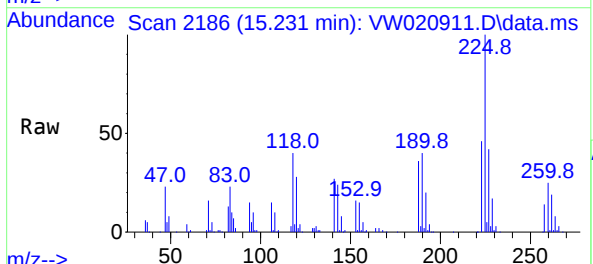
Tgt Ion:180 Resp: 116589
Ion Ratio Lower Upper
180 100
182 97.4 46.5 139.3
145 31.1 15.0 45.1

Manual Integrations
APPROVED

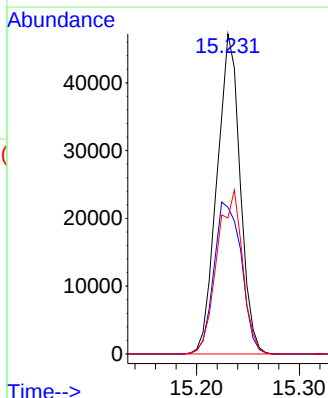
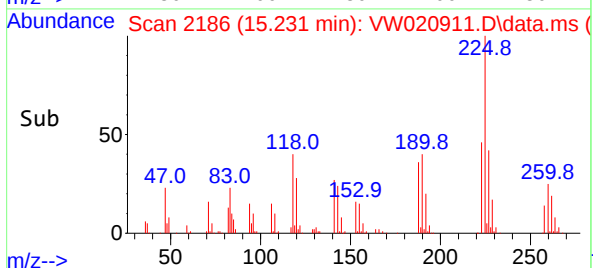
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

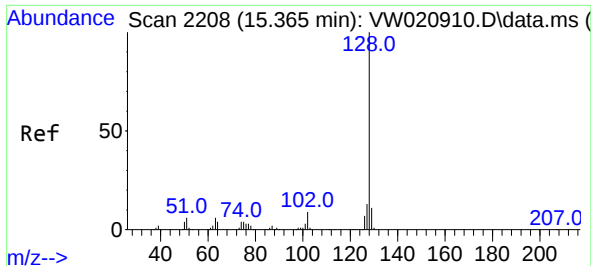


#94
Hexachlorobutadiene
Concen: 92.780 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21



Tgt Ion:225 Resp: 73905
Ion Ratio Lower Upper
225 100
223 56.1 31.1 93.3
227 56.3 32.8 98.3





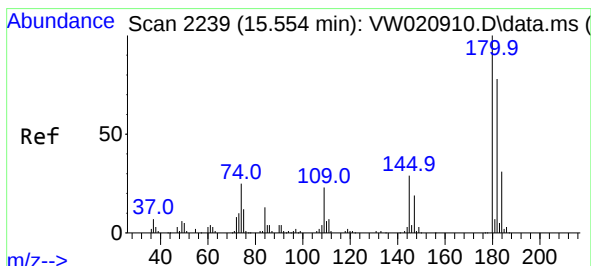
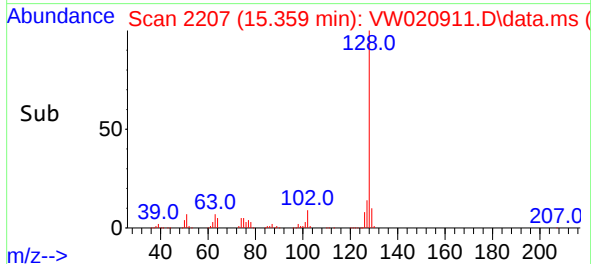
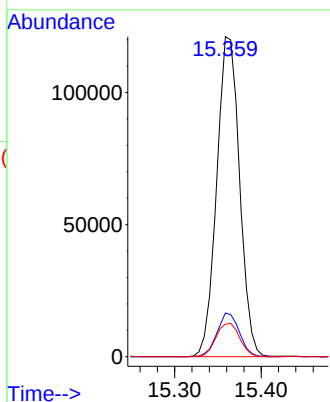
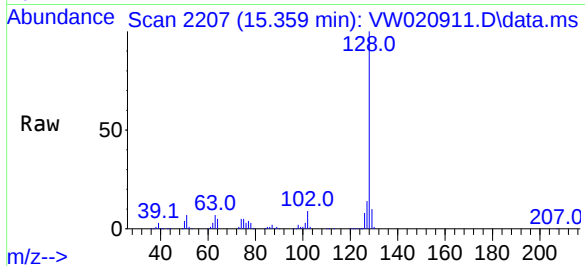
#95
Naphthalene
Concen: 100.003 ug/l
RT: 15.359 min Scan# 2208
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 222330
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 94.946 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020911.D
Acq: 17 Nov 2021 17:21

Tgt Ion:180 Resp: 107626
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 31.0 14.9 44.5

