

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020912.D
 Acq On : 17 Nov 2021 17:46
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 04:25:43 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

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	80074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	119826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	111362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	58424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	107016	121.886	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 243.780%#			
35) Dibromofluoromethane	7.885	113	104780	132.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.920%#			
50) Toluene-d8	10.323	98	390085	129.811	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 259.620%#			
62) 4-Bromofluorobenzene	12.615	95	148862	135.323	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 270.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	33624	163.235	ug/l	99
3) Chloromethane	2.209	50	79676	152.696	ug/l	99
4) Vinyl Chloride	2.355	62	126771	177.850	ug/l	100
5) Bromomethane	2.739	94	81671	187.133	ug/l	98
6) Chloroethane	2.904	64	52121	166.854	ug/l	99
7) Trichlorofluoromethane	3.239	101	49527	106.112	ug/l	99
8) Diethyl Ether	3.678	74	52609	137.692	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.050	101	102389	129.349	ug/l	99
10) Methyl Iodide	4.269	142	158194	156.502	ug/l	99
11) Tert butyl alcohol	5.184	59	43989	798.217	ug/l #	87
12) 1,1-Dichloroethene	4.032	96	101329	137.192	ug/l	95
13) Acrolein	3.891	56	9362	222.227	ug/l	85
14) Allyl chloride	4.666	41	143640	123.152	ug/l	99
15) Acrylonitrile	5.361	53	113116	598.870	ug/l	100
16) Acetone	4.123	43	110942	544.495	ug/l	98
17) Carbon Disulfide	4.379	76	287832	134.949	ug/l	99
18) Methyl Acetate	4.666	43	77264	119.580	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	164128	130.075	ug/l	99
20) Methylene Chloride	4.909	84	105465	97.277	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	112451	135.689	ug/l	99
22) Diisopropyl ether	6.312	45	299340	130.058	ug/l	99
23) Vinyl Acetate	6.251	43	896810	671.888	ug/l	99
24) 1,1-Dichloroethane	6.214	63	186942	126.296	ug/l	99
25) 2-Butanone	7.171	43	160968	622.946	ug/l	95
26) 2,2-Dichloropropane	7.165	77	120707	124.258	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	125446	141.085	ug/l	99
28) Bromochloromethane	7.513	49	80251	130.812	ug/l	98
29) Tetrahydrofuran	7.531	42	98923	625.758	ug/l	99
30) Chloroform	7.677	83	204328	130.970	ug/l	100
31) Cyclohexane	7.952	56	165808	112.623	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	171501	130.361	ug/l	99
36) 1,1-Dichloropropene	8.086	75	155204	122.737	ug/l	99
37) Ethyl Acetate	7.250	43	70183	122.908	ug/l	98
38) Carbon Tetrachloride	8.067	117	166891	130.727	ug/l	88
39) Methylcyclohexane	9.335	83	197234	132.539	ug/l	98
40) Benzene	8.323	78	434717	124.889	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	39186	117.878	ug/l	94
42) 1,2-Dichloroethane	8.397	62	136499	122.564	ug/l	99
43) Isopropyl Acetate	8.421	43	144054	133.463	ug/l	99
44) Trichloroethene	9.092	130	125730	130.968	ug/l	97
45) 1,2-Dichloropropane	9.366	63	102582	123.329	ug/l	97
46) Dibromomethane	9.457	93	64874	136.810	ug/l	99
47) Bromodichloromethane	9.646	83	156307	133.987	ug/l	95
48) Methyl methacrylate	9.433	41	67455	131.563	ug/l	93
49) 1,4-Dioxane	9.451	88	18891	3003.533	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	362627	629.064	ug/l	100
52) Toluene	10.384	92	285252	129.872	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	161538	137.131	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	176471	132.109	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	85866	130.742	ug/l	96
56) Ethyl methacrylate	10.646	69	116545	140.272	ug/l	99
57) 1,3-Dichloropropane	10.933	76	146582	129.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	288529	758.102	ug/l	97
59) 2-Hexanone	10.969	43	261055	643.275	ug/l	99
60) Dibromochloromethane	11.128	129	116764	148.599	ug/l	99
61) 1,2-Dibromoethane	11.231	107	86476	134.884	ug/l	95
64) Tetrachloroethene	10.860	164	119902	137.695	ug/l	90
65) Chlorobenzene	11.658	112	317787	132.396	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	123968	142.141	ug/l	98
67) Ethyl Benzene	11.731	91	569294	132.733	ug/l	100
68) m/p-Xylenes	11.841	106	457781	273.904	ug/l	100
69) o-Xylene	12.164	106	217025	139.997	ug/l	97
70) Styrene	12.183	104	367765	139.301	ug/l	96
71) Bromoform	12.347	173	74175	146.391	ug/l #	98
73) Isopropylbenzene	12.463	105	587843	141.591	ug/l	97
74) N-amyl acetate	12.268	43	146775	147.590	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	101212	131.739	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	80548m	129.024	ug/l	
77) Bromobenzene	12.743	156	138068	138.179	ug/l	97
78) n-propylbenzene	12.804	91	692780	136.697	ug/l	98
79) 2-Chlorotoluene	12.890	91	393828	134.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	499124	138.702	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	34790	142.951	ug/l	98
82) 4-Chlorotoluene	12.987	91	416475	134.943	ug/l	99
83) tert-Butylbenzene	13.207	119	448963	144.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	500482	140.251	ug/l	100
85) sec-Butylbenzene	13.384	105	645803	138.903	ug/l	99
86) p-Isopropyltoluene	13.493	119	569386	143.474	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	289155	140.543	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	282985	136.168	ug/l	98
89) n-Butylbenzene	13.822	91	515347	140.106	ug/l	98
90) Hexachloroethane	14.091	117	109277	155.048	ug/l	92
91) 1,2-Dichlorobenzene	13.865	146	254305	139.025	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	18569	134.446	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	176339	142.539	ug/l	94
94) Hexachlorobutadiene	15.237	225	94112	120.045	ug/l	97
95) Naphthalene	15.365	128	342968	156.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	157112	140.828	ug/l	97

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ClientSampleId :
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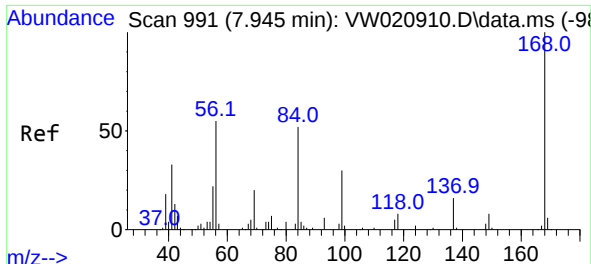
Manual Integrations
APPROVED

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QLast Update : Thu Nov 18 04:21:42 2021
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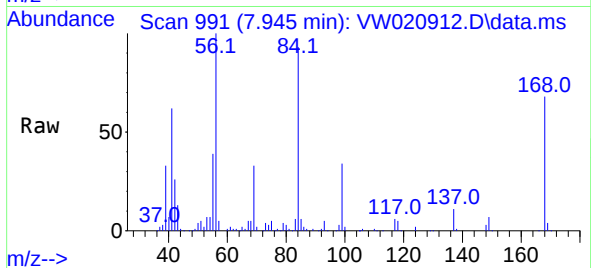
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

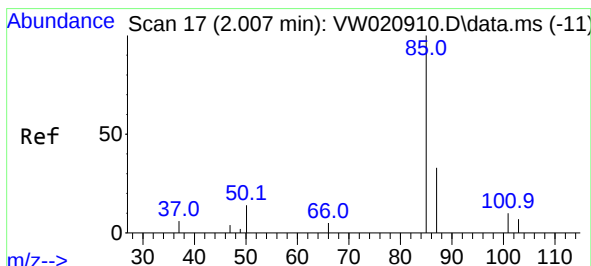
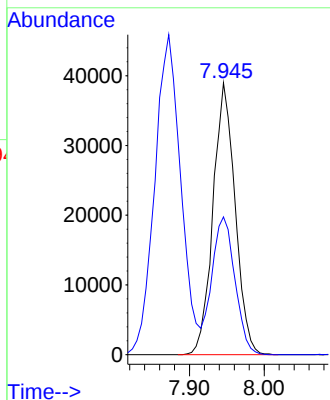
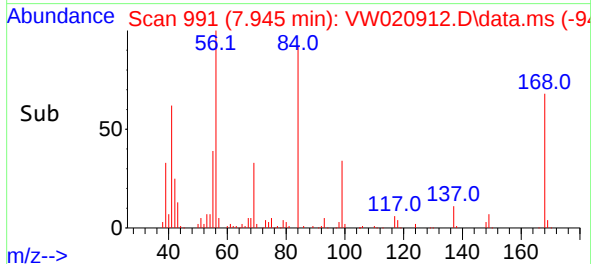
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



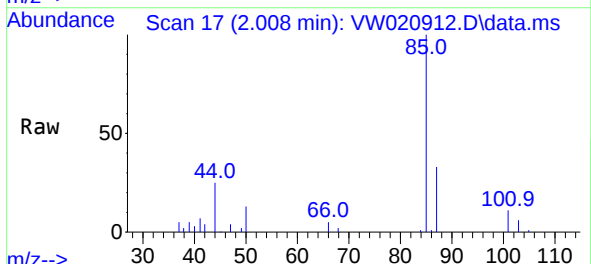
Tgt Ion:168 Resp: 80074
Ion Ratio Lower Upper
168 100
99 50.7 41.6 62.4

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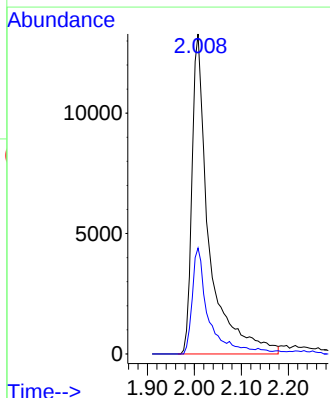
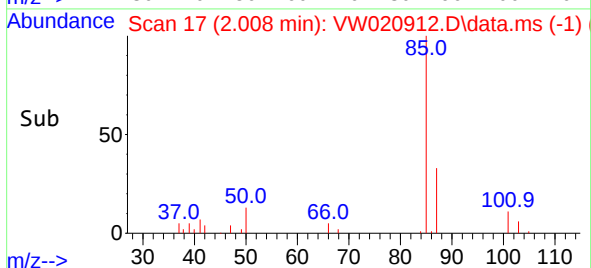
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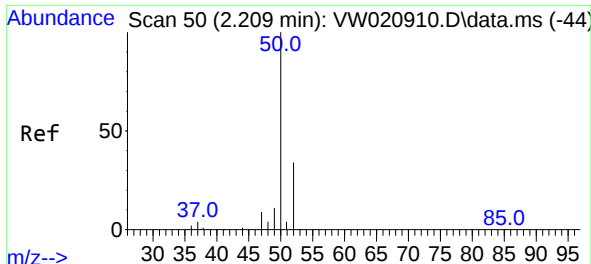


#2
Dichlorodifluoromethane
Concen: 163.235 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion: 85 Resp: 33624
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.3





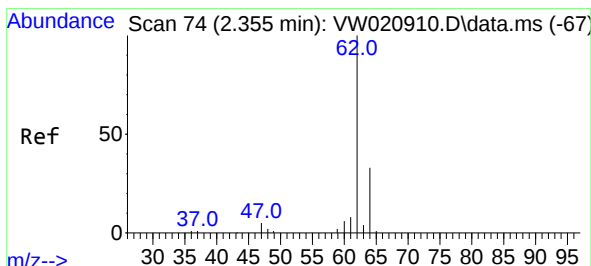
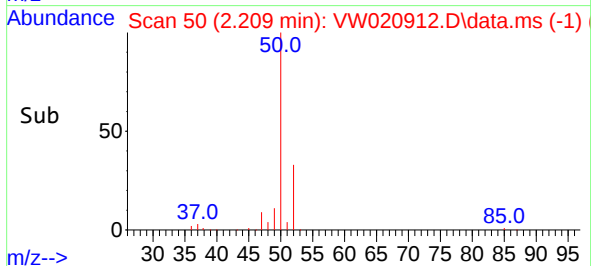
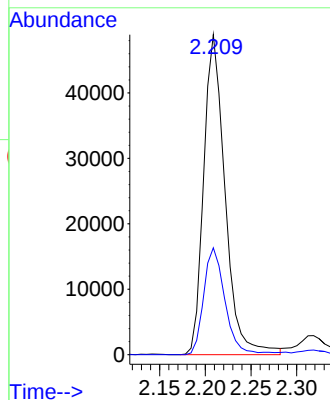
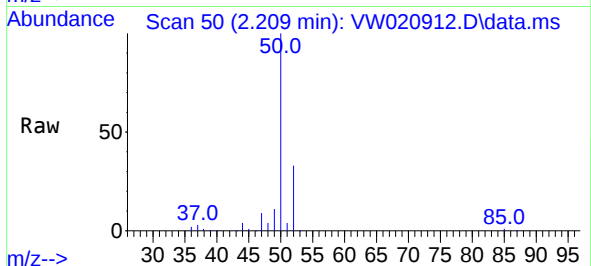
#3
Chloromethane
Concen: 152.696 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 79670
Ion Ratio Lower Upper
50 100
52 33.4 27.2 40.8

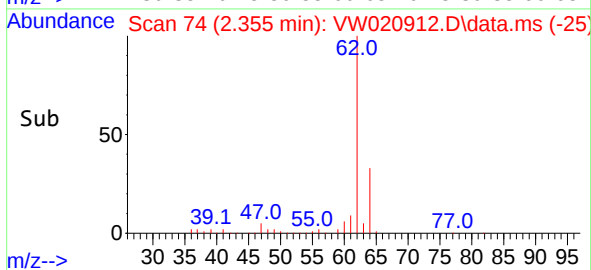
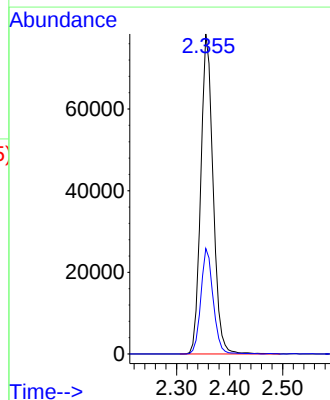
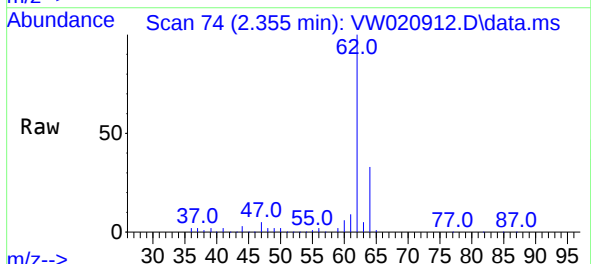
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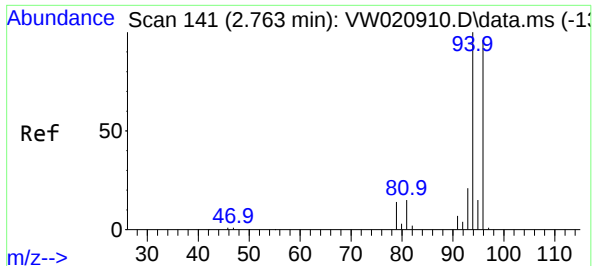
Reviewed By :Vimala Arumugam 11/18/2021
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#4
Vinyl Chloride
Concen: 177.850 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 62 Resp: 126771
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.4





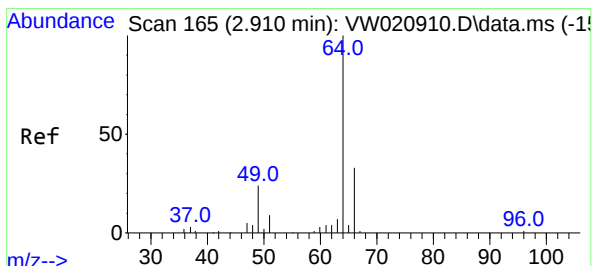
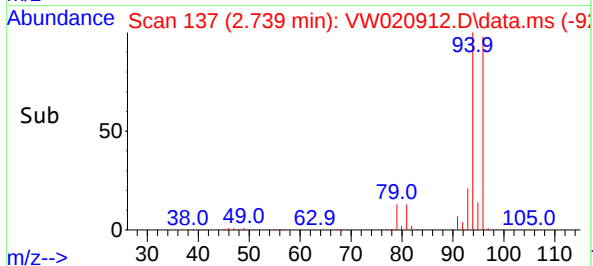
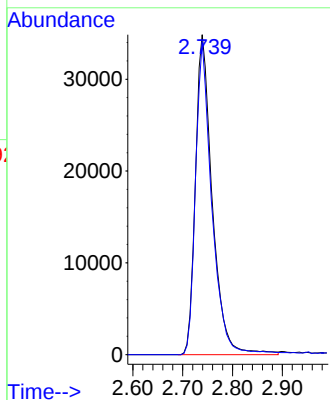
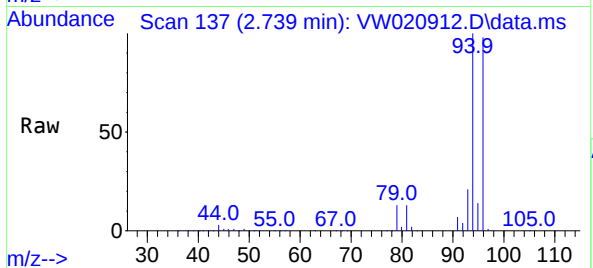
#5
Bromomethane
Concen: 187.133 ug/l
RT: 2.739 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8167
Ion Ratio Lower Upper
94 100
96 97.8 76.4 114.6

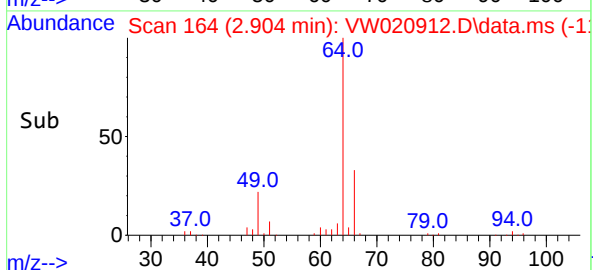
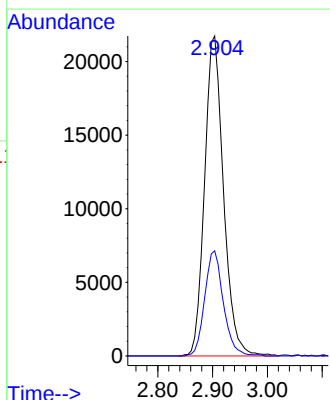
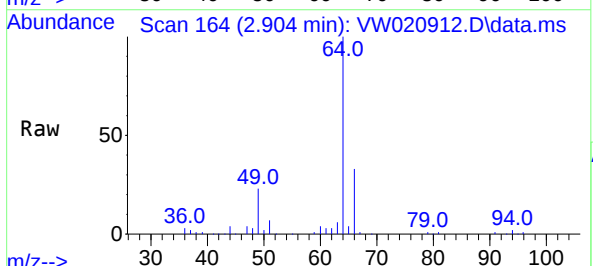
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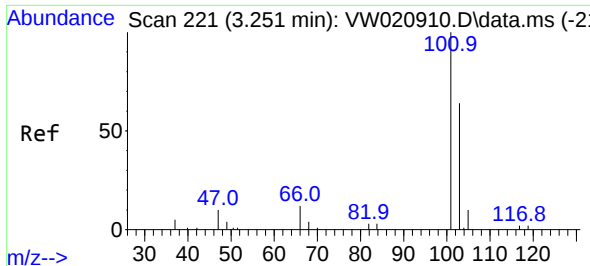
Reviewed By :Vimala Arumugam 11/18/2021
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#6
Chloroethane
Concen: 166.854 ug/l
RT: 2.904 min Scan# 164
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 64 Resp: 52121
Ion Ratio Lower Upper
64 100
66 32.8 26.7 40.1





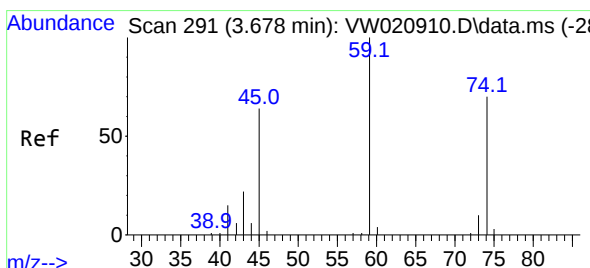
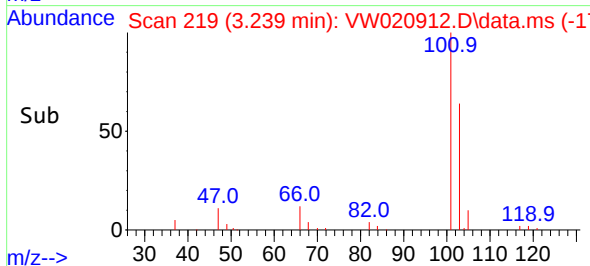
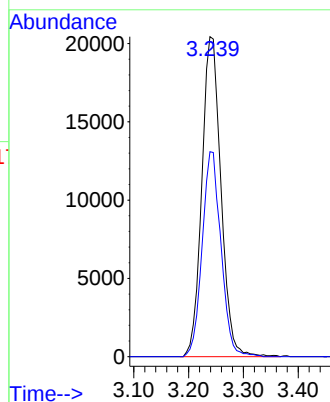
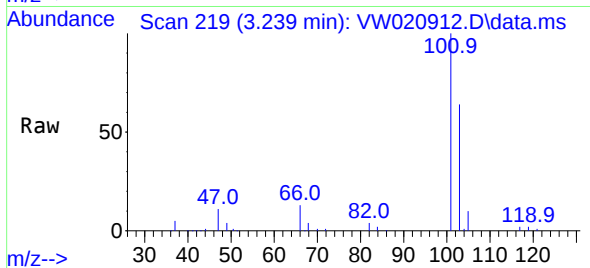
#7
Trichlorofluoromethane
Concen: 106.112 ug/l
RT: 3.239 min Scan# 219
Delta R.T. -0.012 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 4952
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

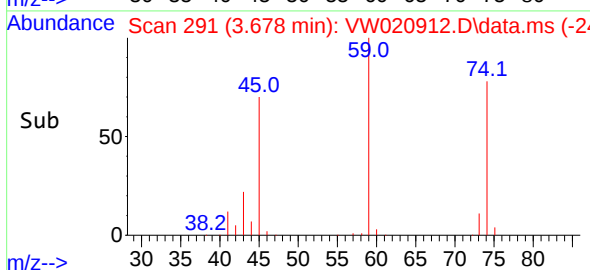
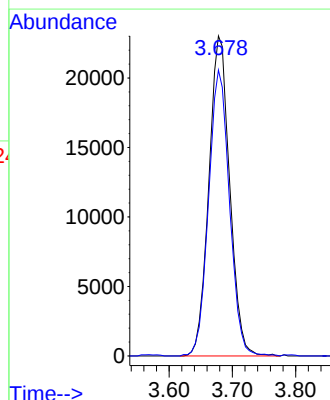
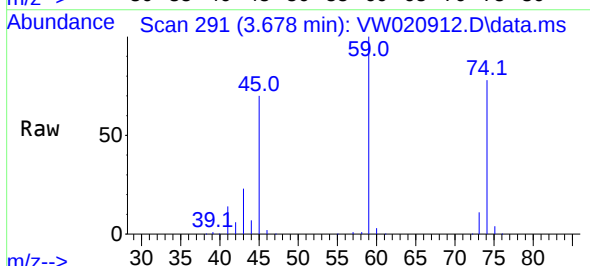
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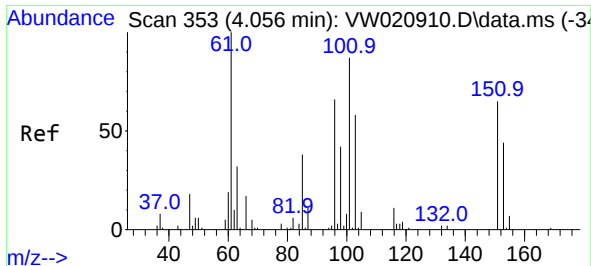
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#8
Diethyl Ether
Concen: 137.692 ug/l
RT: 3.678 min Scan# 291
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 74 Resp: 52609
Ion Ratio Lower Upper
74 100
45 89.7 45.3 135.8





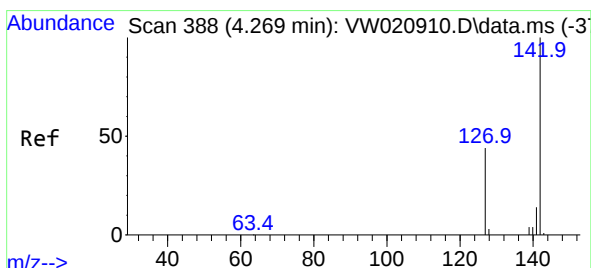
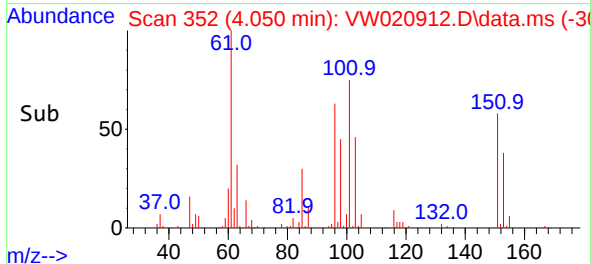
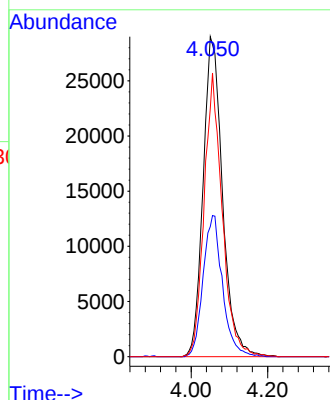
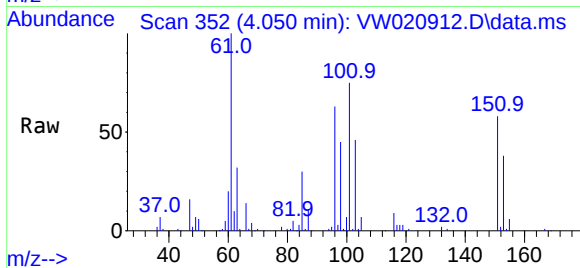
#9
1,1,2-Trichlorotrifluoroethane
Concen: 129.349 ug/l
RT: 4.050 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 102389
Ion Ratio Lower Upper
101 100
85 44.0 36.6 54.8
151 82.5 66.3 99.5

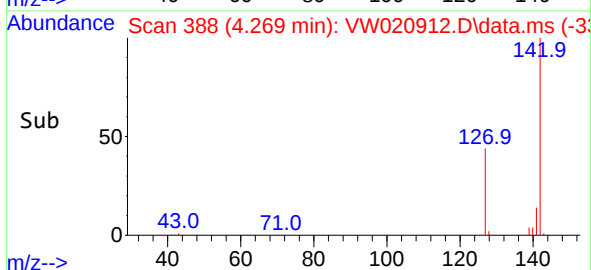
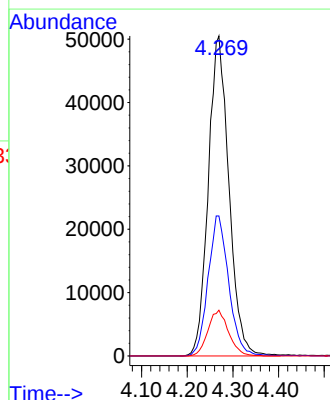
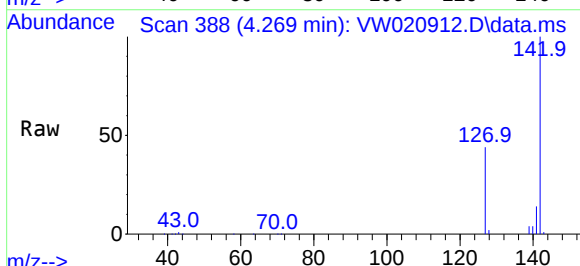
Manual Integrations
APPROVED

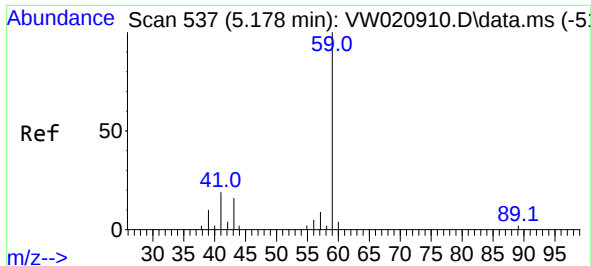
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 156.502 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

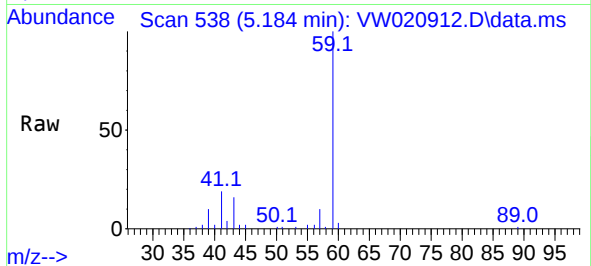
Tgt Ion:142 Resp: 158194
Ion Ratio Lower Upper
142 100
127 43.9 35.5 53.3
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 798.217 ug/l
RT: 5.184 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

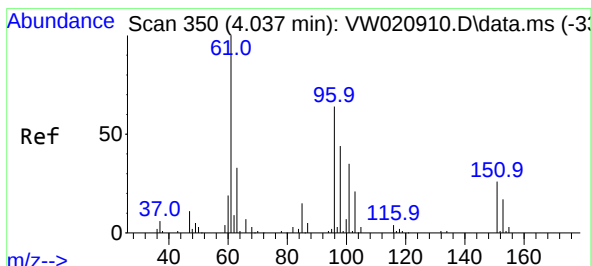
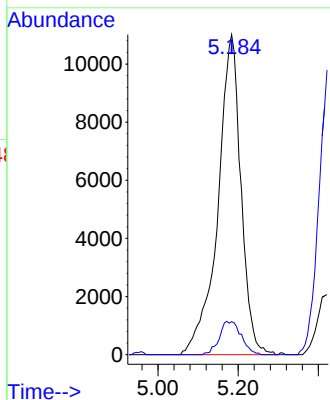
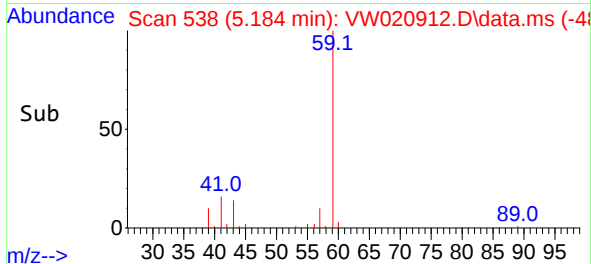
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



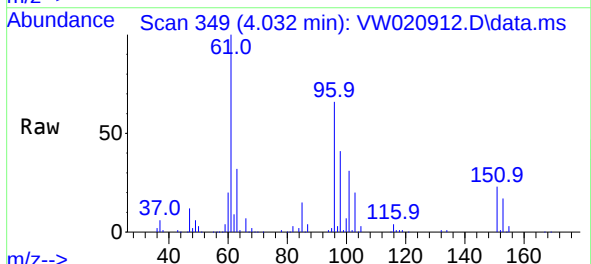
Tgt Ion: 59 Resp: 43989
Ion Ratio Lower Upper
59 100
57 9.9 4.3 6.5

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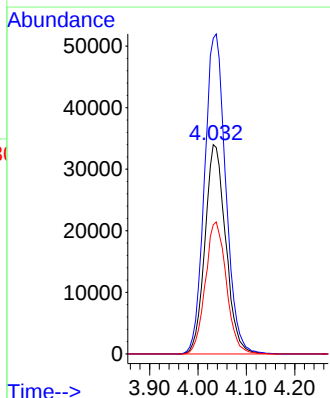
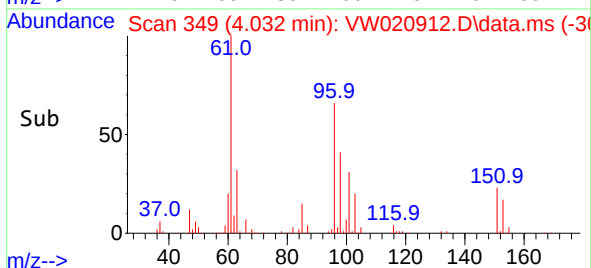
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

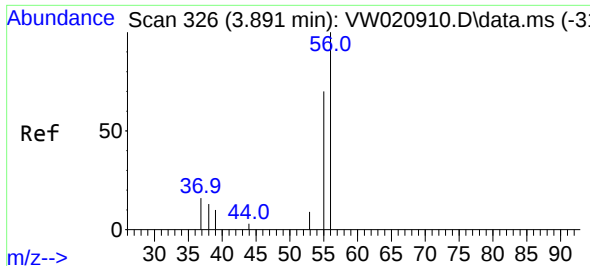


#12
1,1-Dichloroethene
Concen: 137.192 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



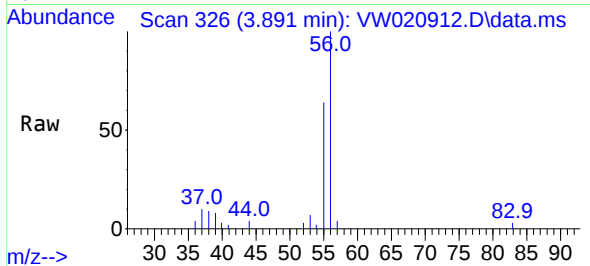
Tgt Ion: 96 Resp: 101329
Ion Ratio Lower Upper
96 100
61 150.9 124.4 186.6
98 61.7 54.2 81.2





#13
Acrolein
Concen: 222.227 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

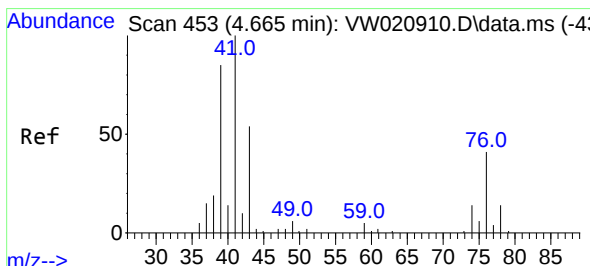
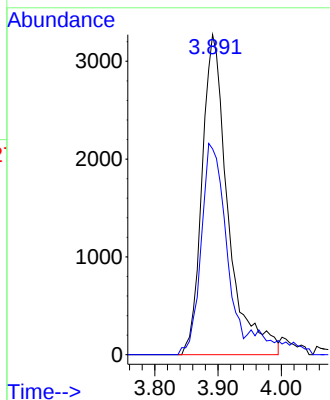
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 936
Ion Ratio Lower Upper
56 100
55 63.2 61.2 91.8

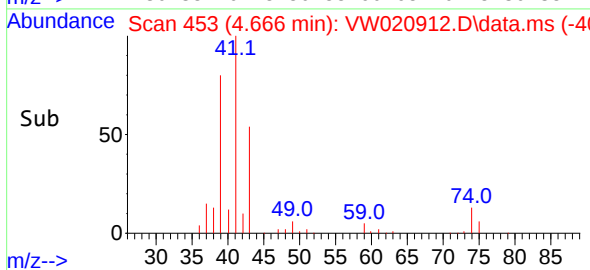
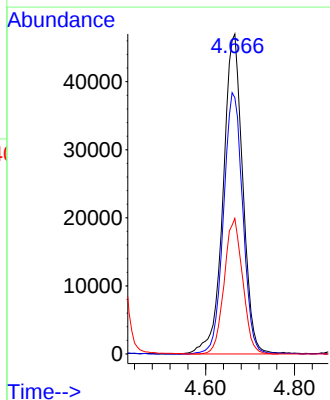
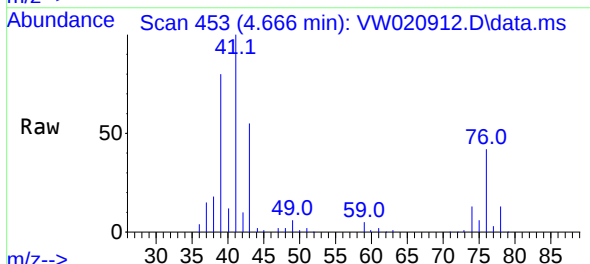
Manual Integrations
APPROVED

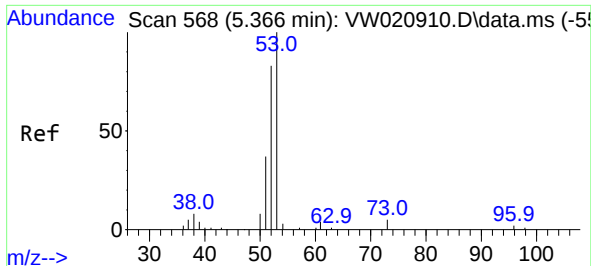
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 123.152 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

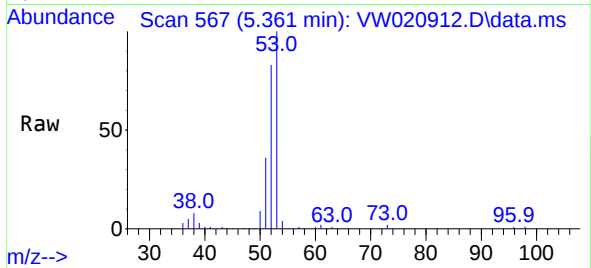
Tgt Ion: 41 Resp: 143640
Ion Ratio Lower Upper
41 100
39 80.2 63.4 95.2
76 39.7 32.2 48.4





#15
Acrylonitrile
Concen: 598.870 ug/l
RT: 5.361 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

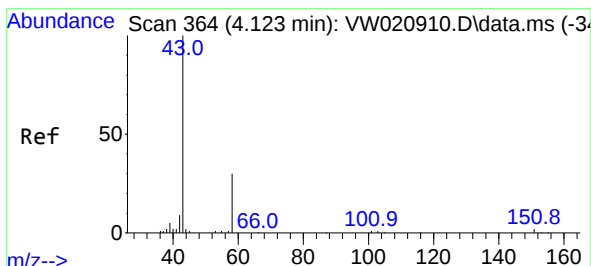
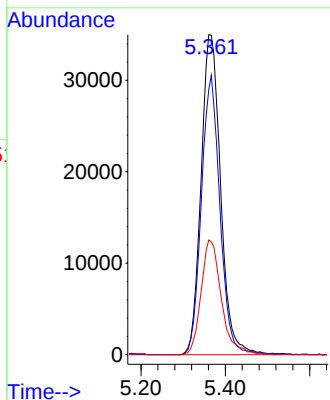
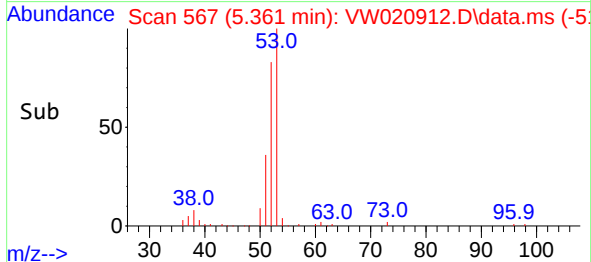
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



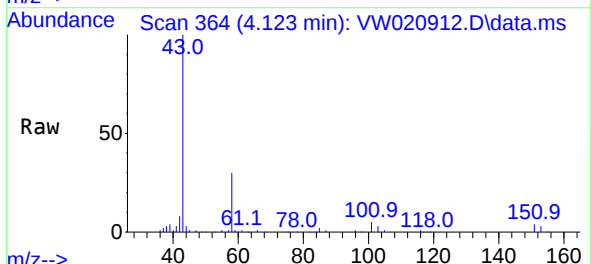
Tgt Ion: 53 Resp: 113110
Ion Ratio Lower Upper
53 100
52 82.9 65.9 98.9
51 37.1 29.8 44.6

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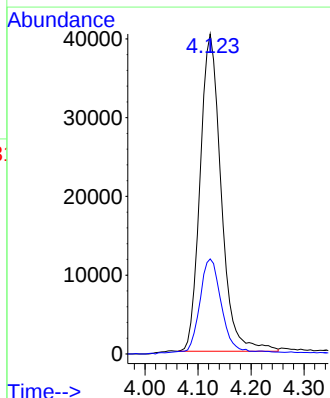
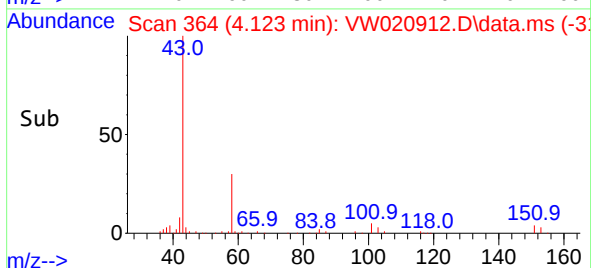
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

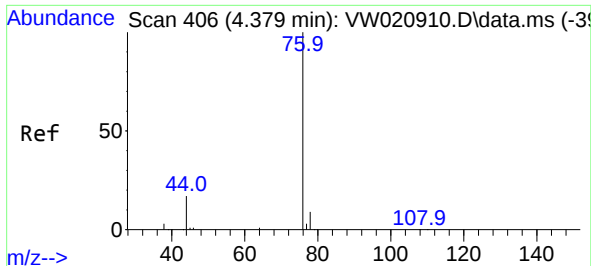


#16
Acetone
Concen: 544.495 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



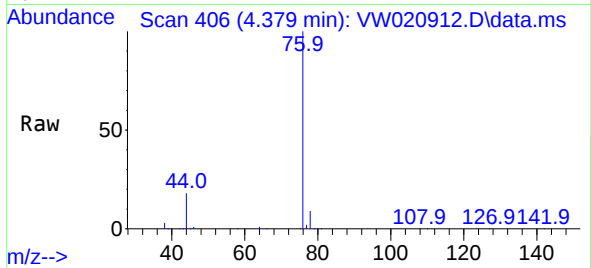
Tgt Ion: 43 Resp: 110942
Ion Ratio Lower Upper
43 100
58 29.3 24.2 36.2





#17
Carbon Disulfide
Concen: 134.949 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

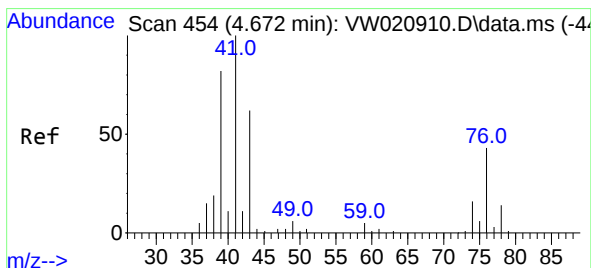
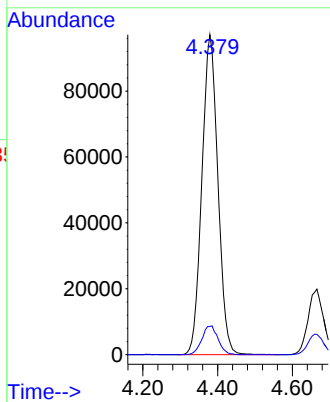
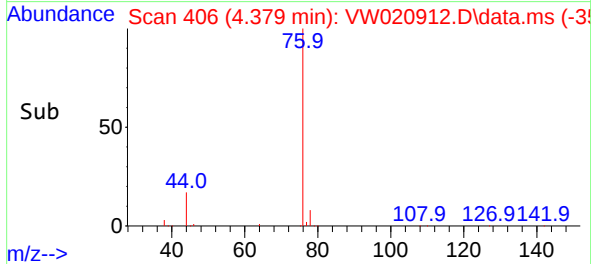
Instrument :
MSVOA_W
Client Sample Id :
VSTDIC150



Tgt Ion: 76 Resp: 28783
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

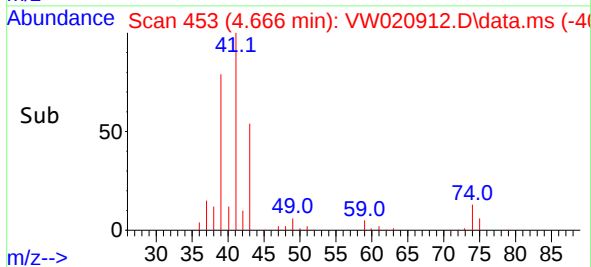
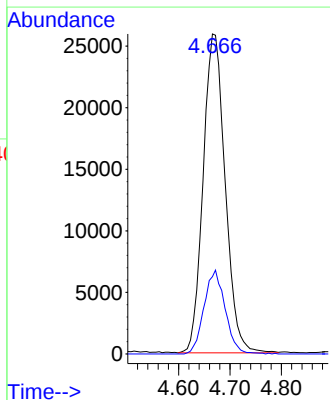
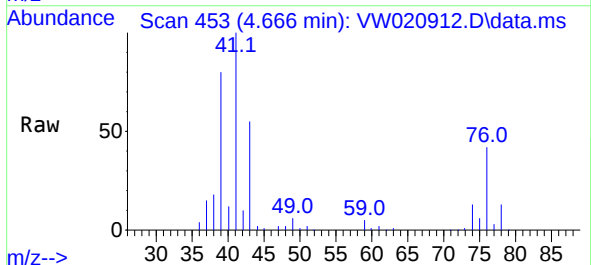
Manual Integrations
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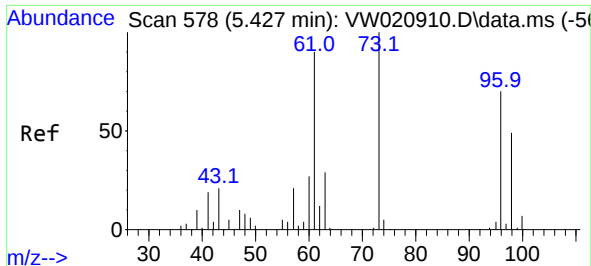
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 119.580 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 43 Resp: 77264
Ion Ratio Lower Upper
43 100
74 25.1 19.7 29.5





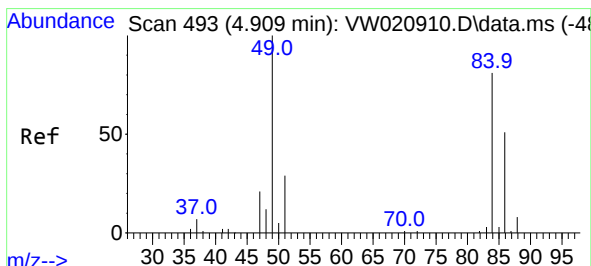
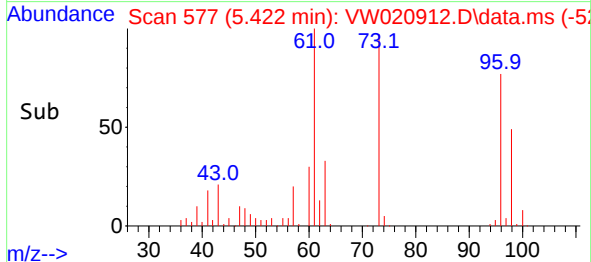
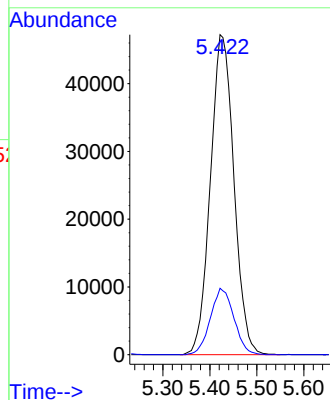
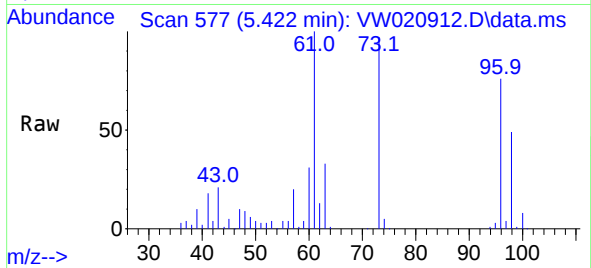
#19
Methyl tert-butyl Ether
Concen: 130.075 ug/l
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 164128
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.6

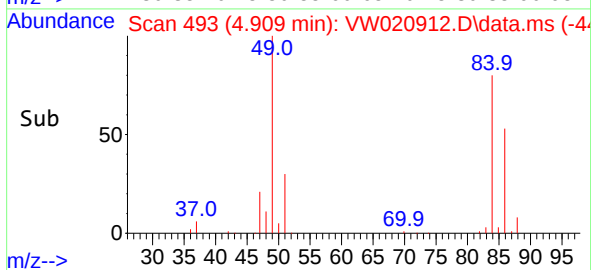
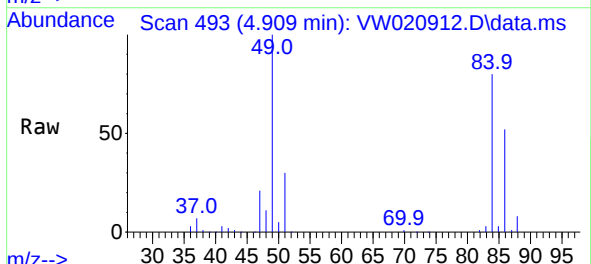
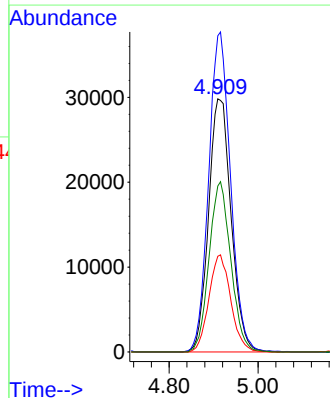
Manual Integrations
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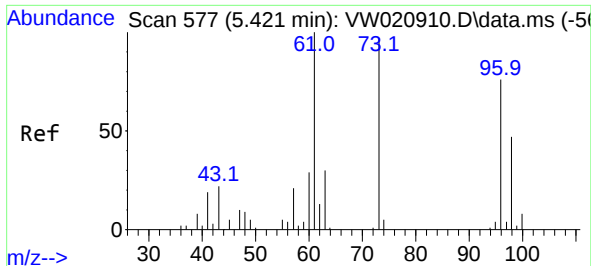
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 97.277 ug/l
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

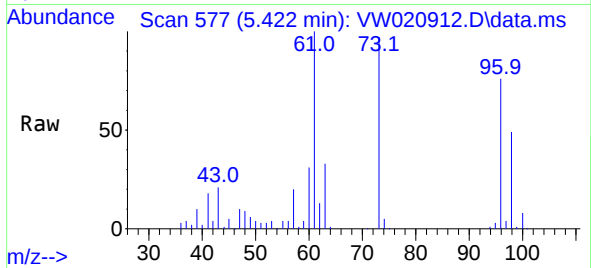
Tgt Ion: 84 Resp: 105465
Ion Ratio Lower Upper
84 100
49 124.9 99.1 148.7
51 37.8 28.8 43.2
86 65.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 135.689 ug/l
RT: 5.422 min Scan# 511
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

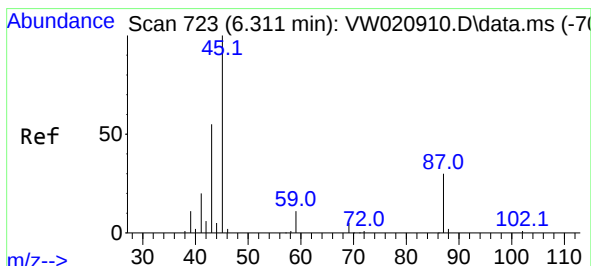
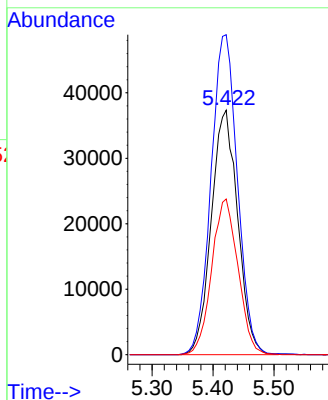
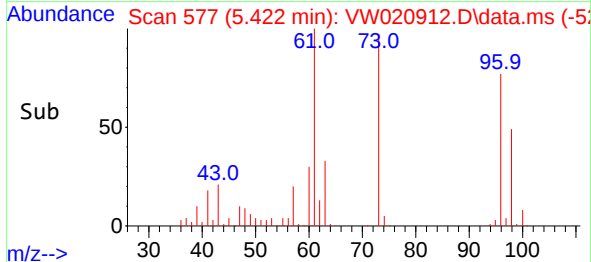
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



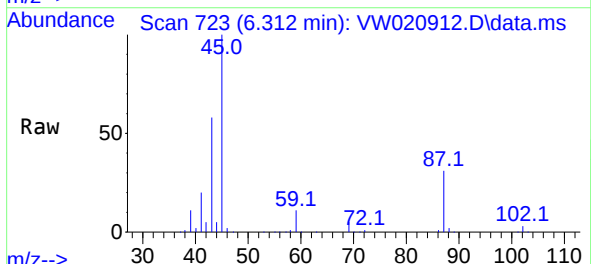
Tgt Ion: 96 Resp: 11245
Ion Ratio Lower Upper
96 100
61 130.9 105.7 158.5
98 63.7 49.7 74.5

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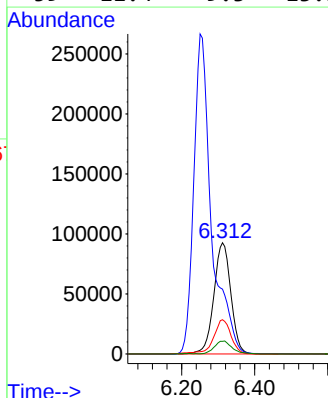
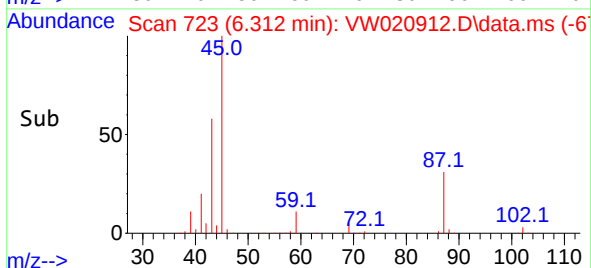
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

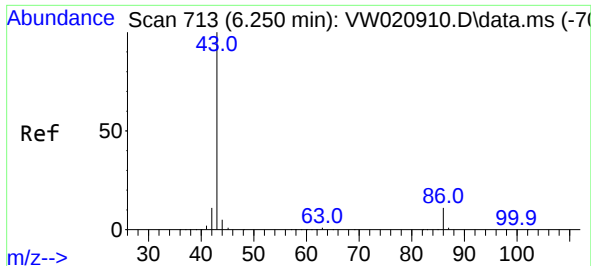


#22
Diisopropyl ether
Concen: 130.058 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion: 45 Resp: 299340
Ion Ratio Lower Upper
45 100
43 58.1 46.2 69.4
87 30.9 25.0 37.6
59 11.4 9.3 13.9





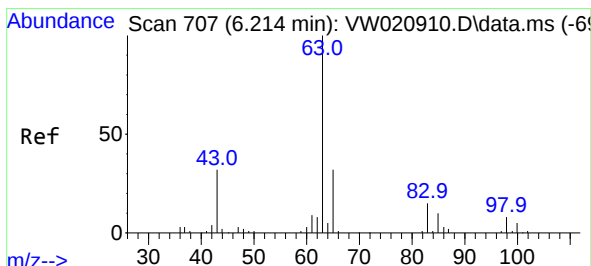
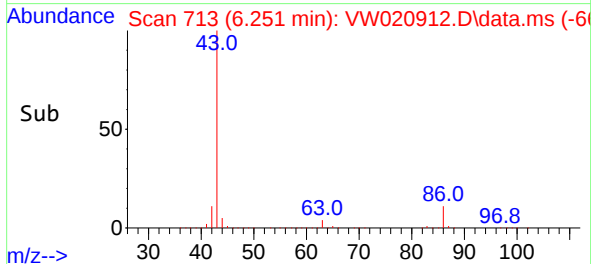
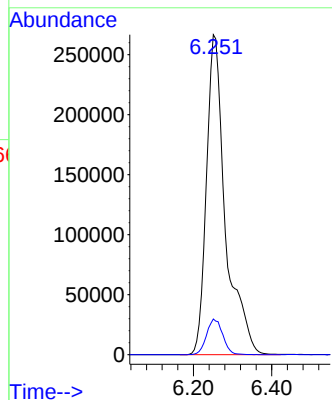
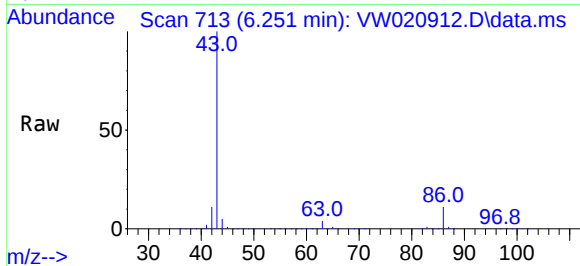
#23
 Vinyl Acetate
 Concen: 671.888 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW020912.D
 Acq: 17 Nov 2021 17:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 896810
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8

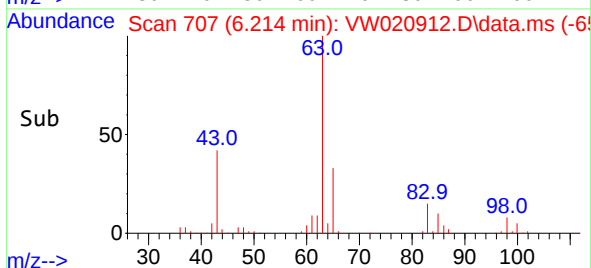
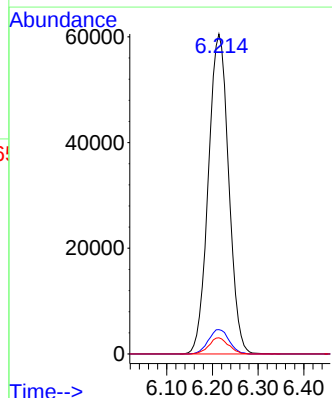
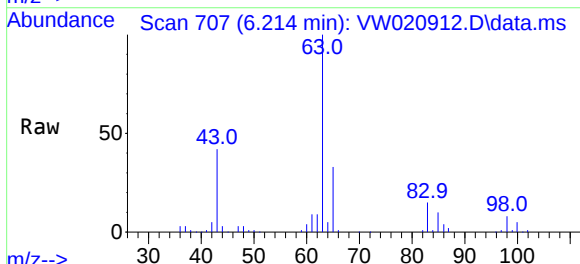
Manual Integrations
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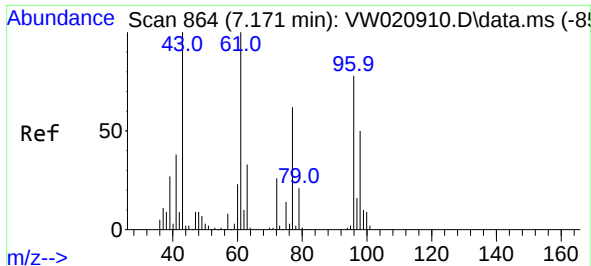
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 126.296 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020912.D
 Acq: 17 Nov 2021 17:46

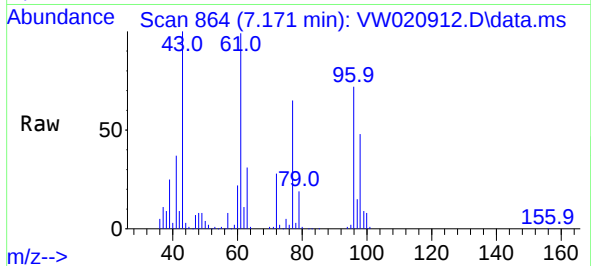
Tgt Ion: 63 Resp: 186942
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.0 2.6 8.0





#25
2-Butanone
Concen: 622.946 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

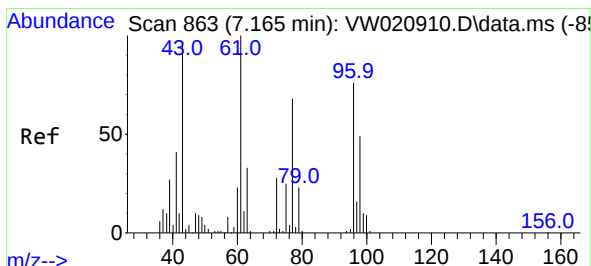
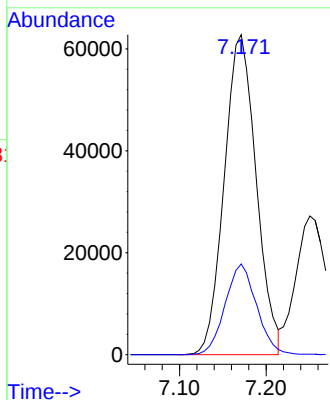
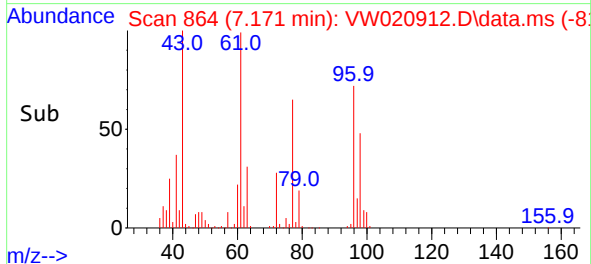
Instrument :
MSVOA_W
Client Sample Id :
VSTDIC150



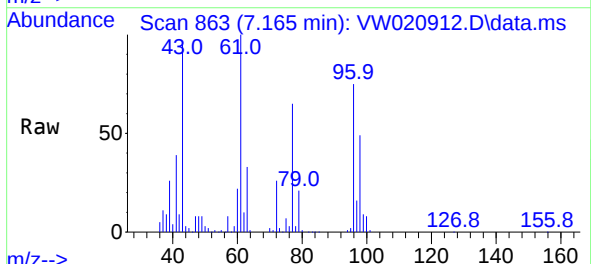
Tgt Ion: 43 Resp: 160968
Ion Ratio Lower Upper
43 100
72 28.4 20.7 31.1

Manual Integrations
APPROVED

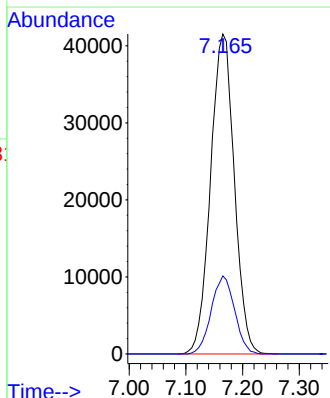
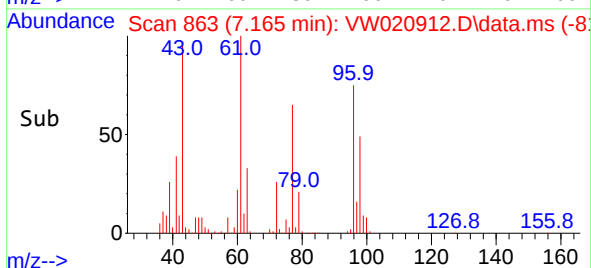
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

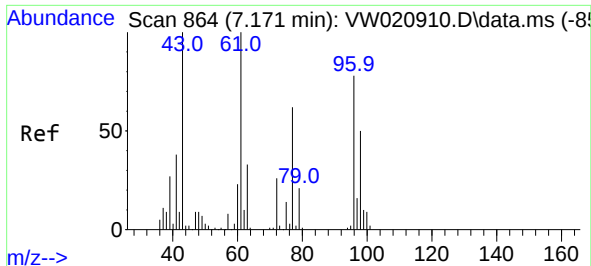


#26
2,2-Dichloropropane
Concen: 124.258 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion: 77 Resp: 120707
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 141.085 ug/l

RT: 7.165 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 12544

Ion Ratio Lower Upper

96 100

61 135.6 0.0 266.6

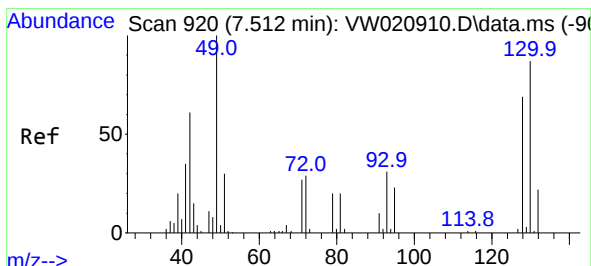
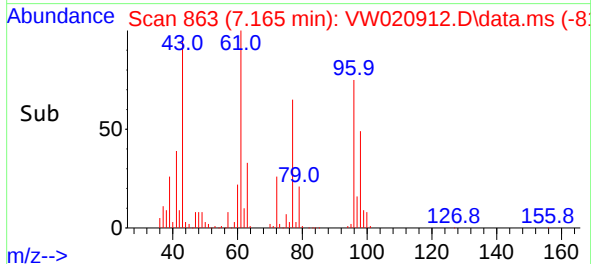
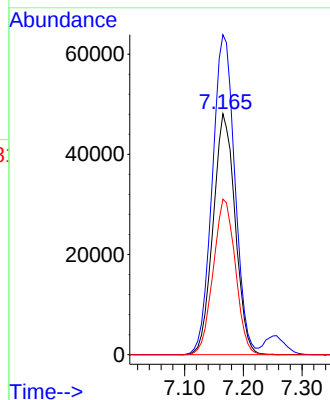
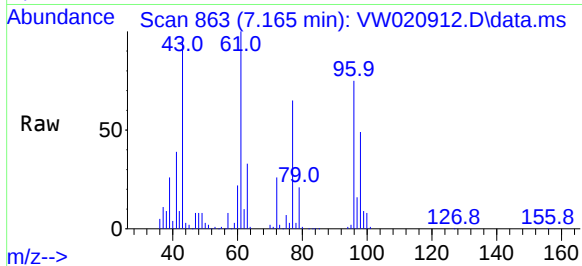
98 64.9 0.0 129.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 130.812 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

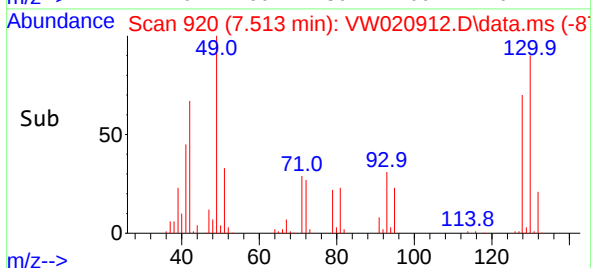
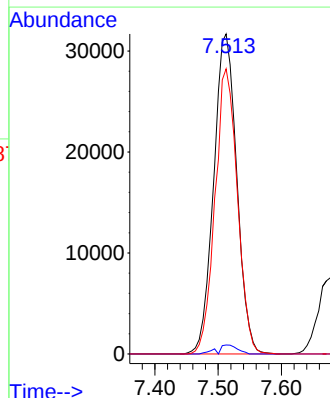
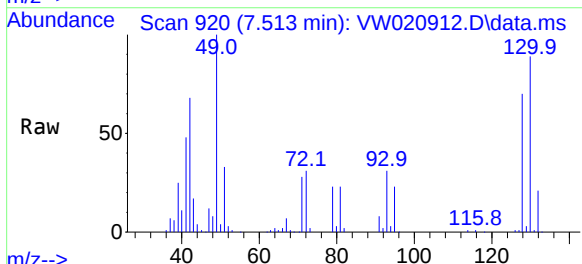
Tgt Ion: 49 Resp: 80251

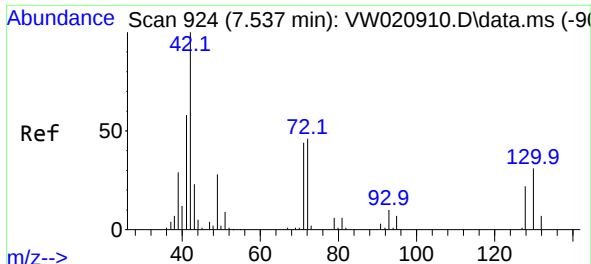
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

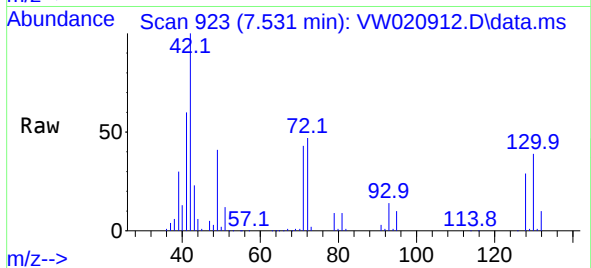
130 86.2 70.8 106.2





#29
Tetrahydrofuran
Concen: 625.758 ug/l
RT: 7.531 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

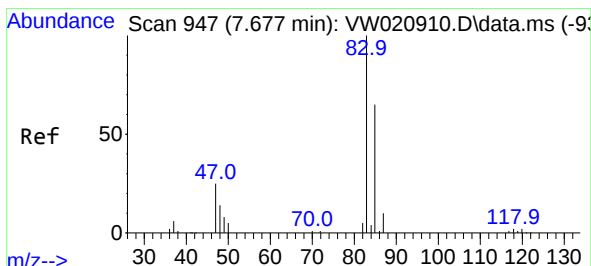
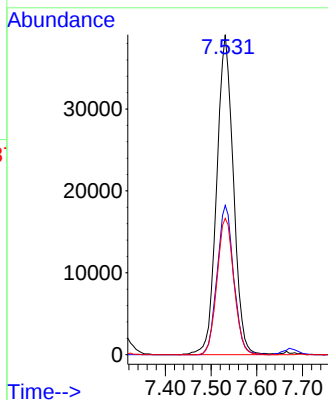
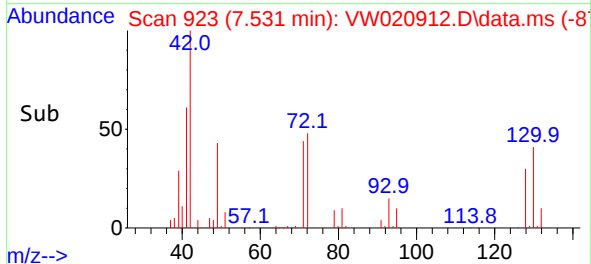
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



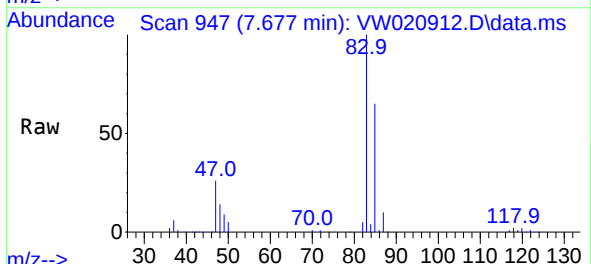
Tgt Ion: 42 Resp: 98923
Ion Ratio Lower Upper
42 100
72 46.1 37.4 56.0
71 43.1 34.7 52.1

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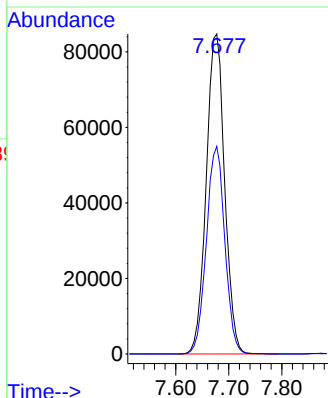
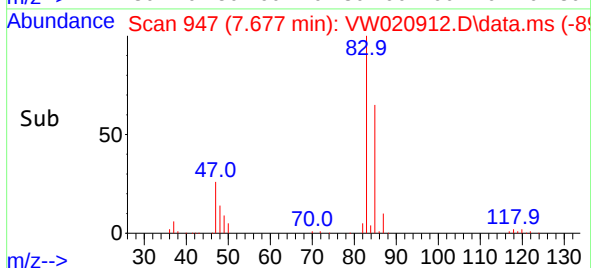
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

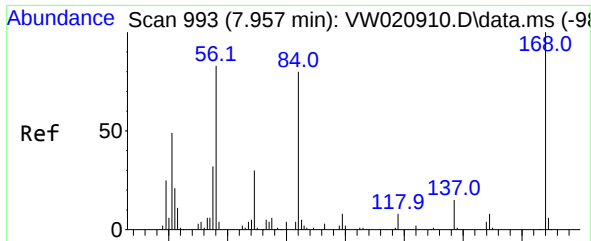


#30
Chloroform
Concen: 130.970 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



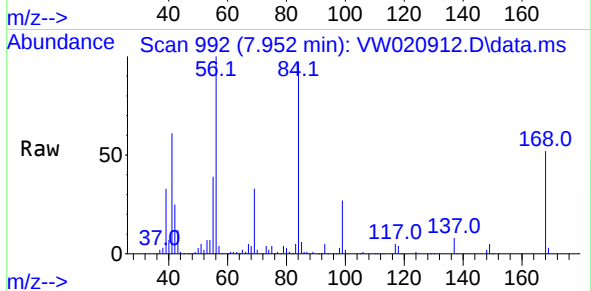
Tgt Ion: 83 Resp: 204328
Ion Ratio Lower Upper
83 100
85 64.8 51.7 77.5





#31
Cyclohexane
Concen: 112.623 ug/l
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

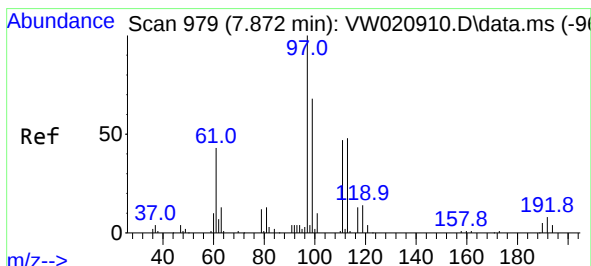
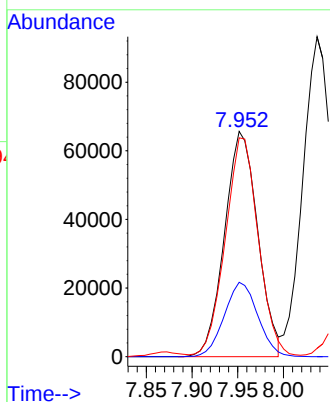
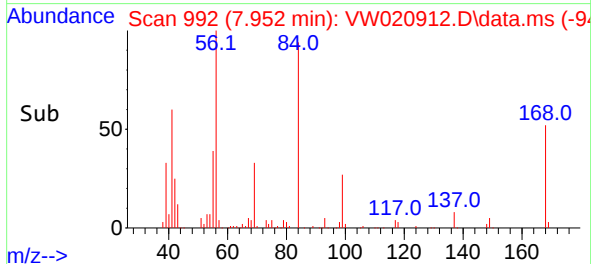
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



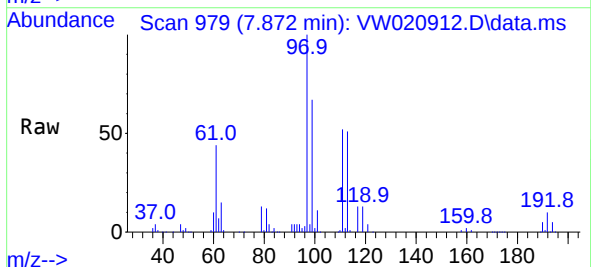
Tgt Ion: 56 Resp: 165808
Ion Ratio Lower Upper
56 100
69 33.0 28.7 43.1
84 95.8 77.6 116.4

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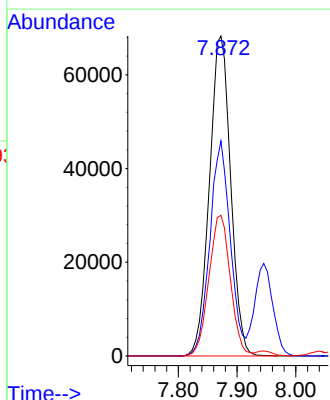
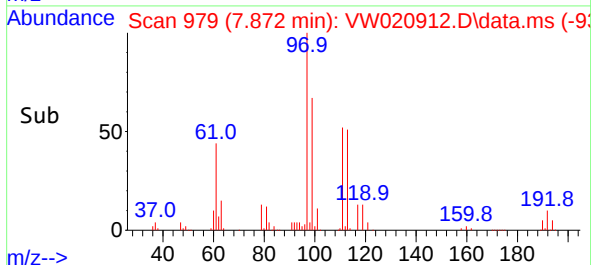
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

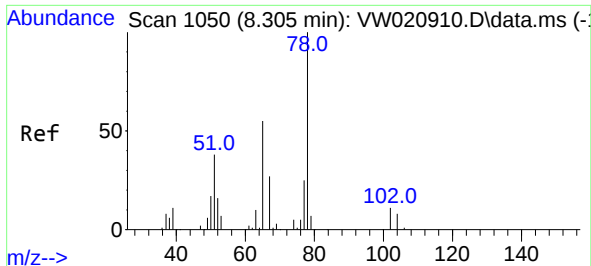


#32
1,1,1-Trichloroethane
Concen: 130.361 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



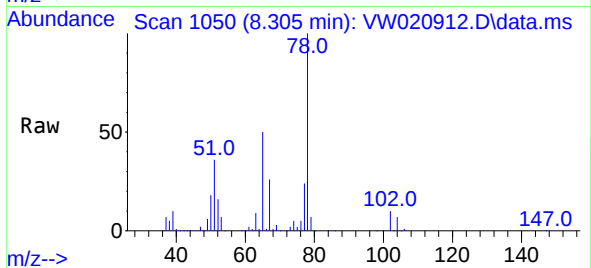
Tgt Ion: 97 Resp: 171501
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 44.6 34.2 51.2





#33
1,2-Dichloroethane-d4
Concen: 121.886 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

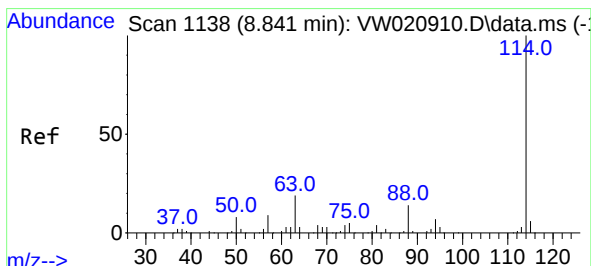
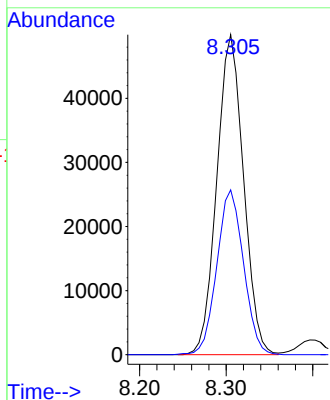
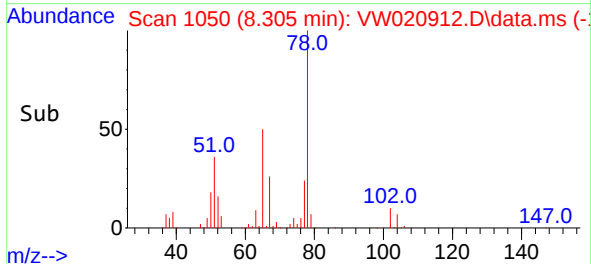
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



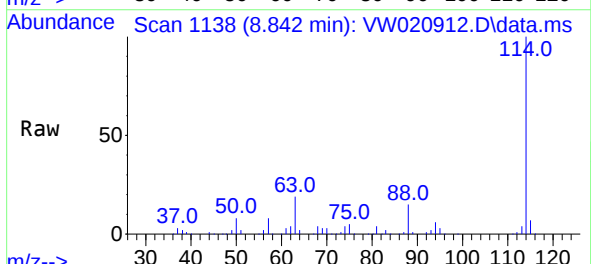
Tgt Ion: 65 Resp: 107010
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

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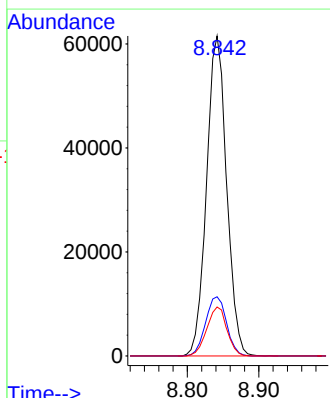
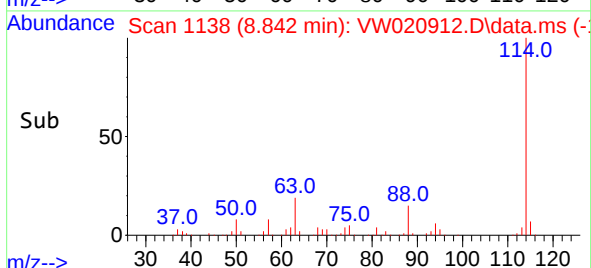
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

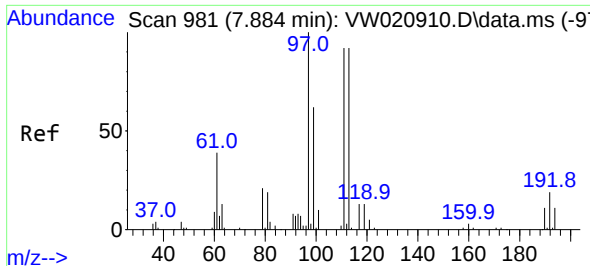


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



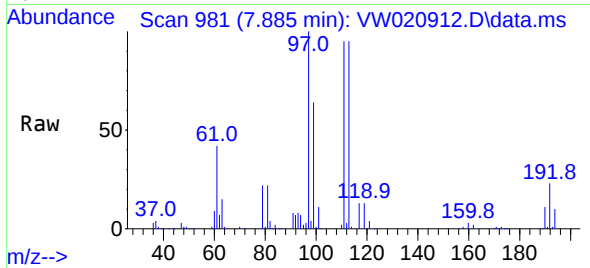
Tgt Ion:114 Resp: 119826
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.2
88 15.3 0.0 28.8





#35
Dibromofluoromethane
Concen: 132.459 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

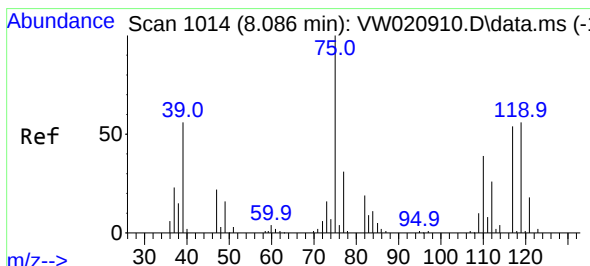
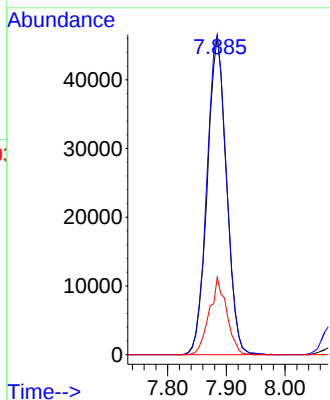
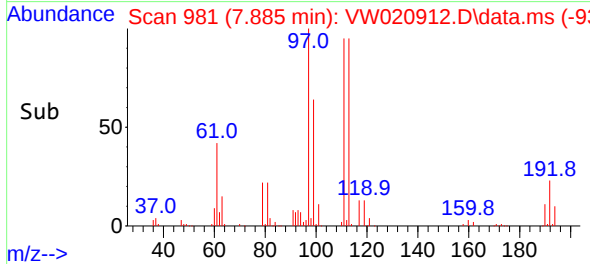
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



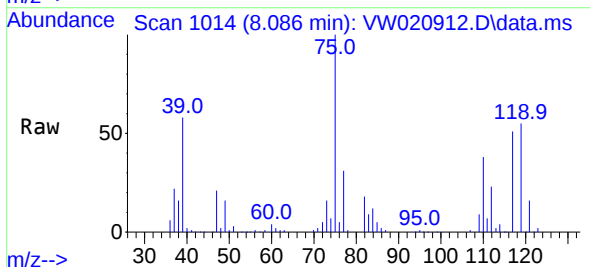
Tgt Ion: 113 Resp: 104780
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 22.0 16.8 25.2

Manual Integrations
APPROVED

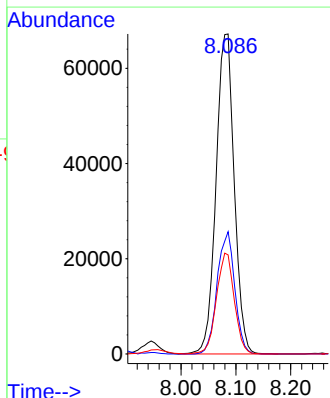
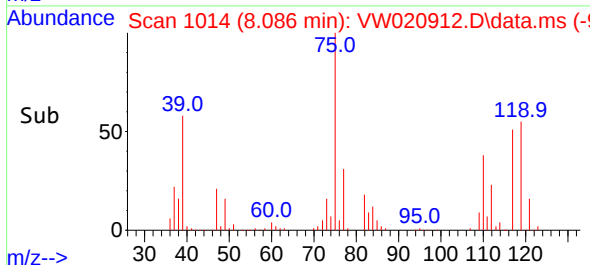
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

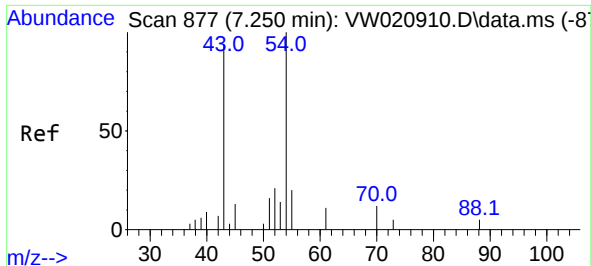


#36
1,1-Dichloropropene
Concen: 122.737 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



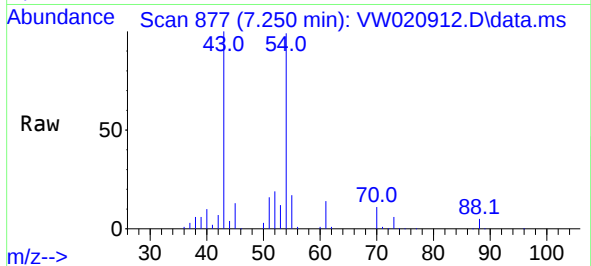
Tgt Ion: 75 Resp: 155204
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.5
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 122.908 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

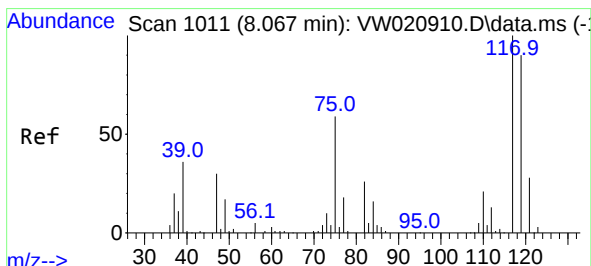
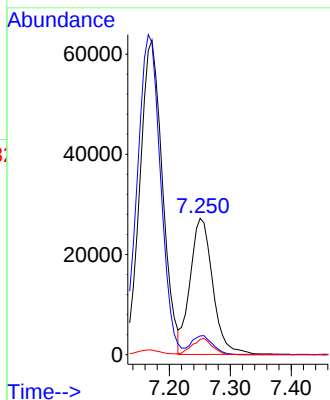
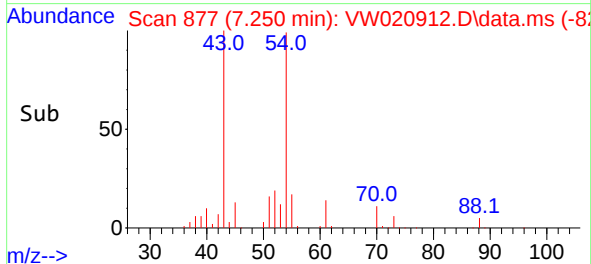
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



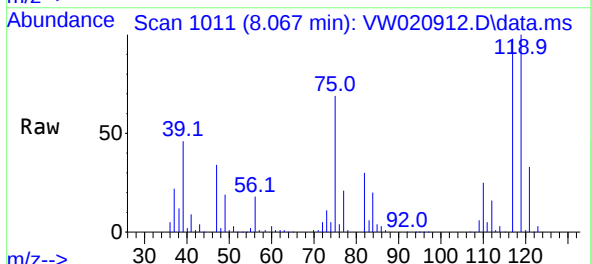
Tgt Ion: 43 Resp: 7018
Ion Ratio Lower Upper
43 100
61 12.9 11.3 16.9
70 10.7 9.2 13.8

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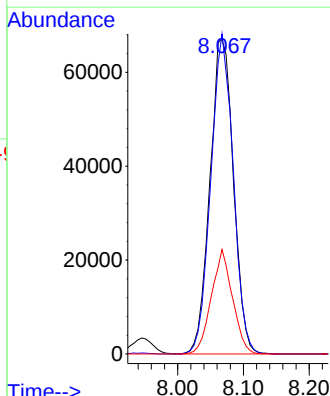
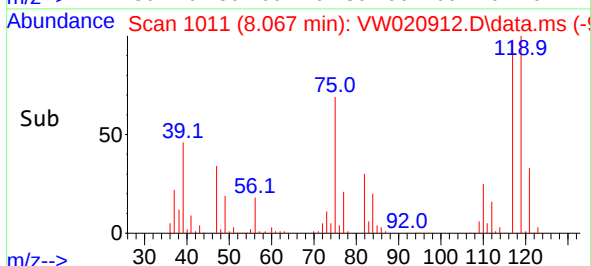
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

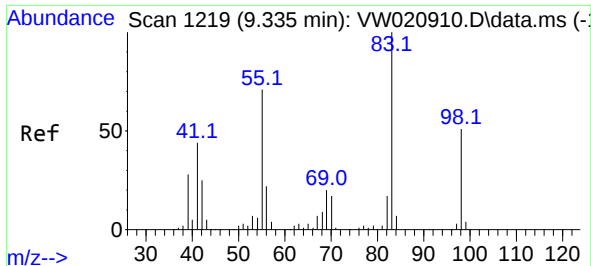


#38
Carbon Tetrachloride
Concen: 130.727 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:117 Resp: 166891
Ion Ratio Lower Upper
117 100
119 101.7 72.0 108.0
121 33.2 22.6 33.8





#39

Methylcyclohexane

Concen: 132.539 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 197234

Ion Ratio Lower Upper

83 100

55 72.3 56.6 85.0

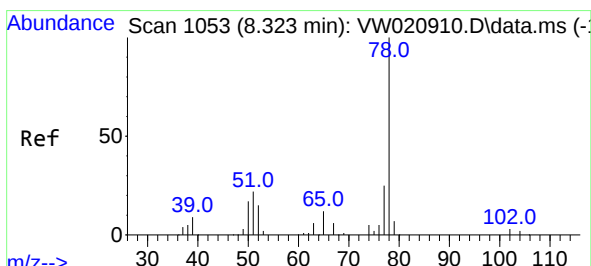
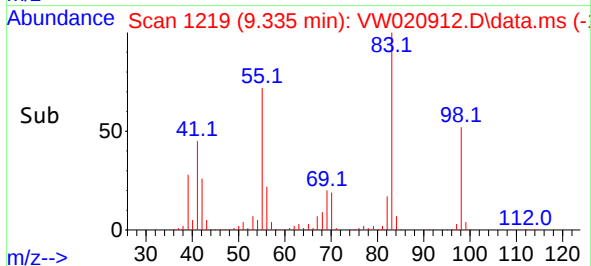
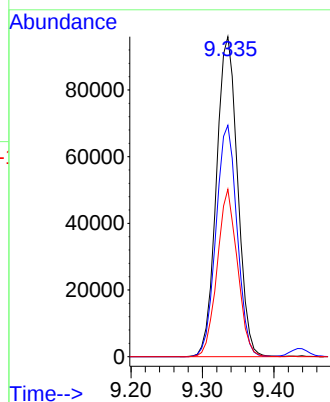
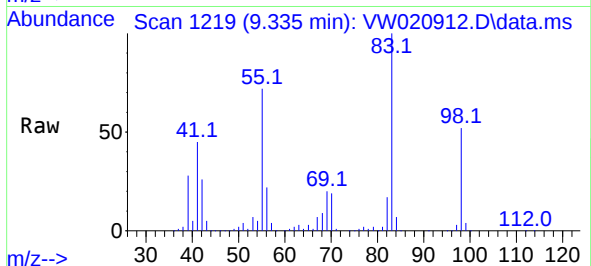
98 52.3 41.0 61.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 124.889 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020912.D

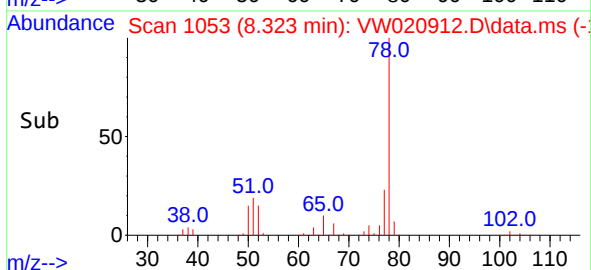
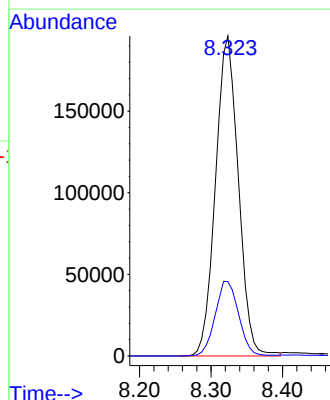
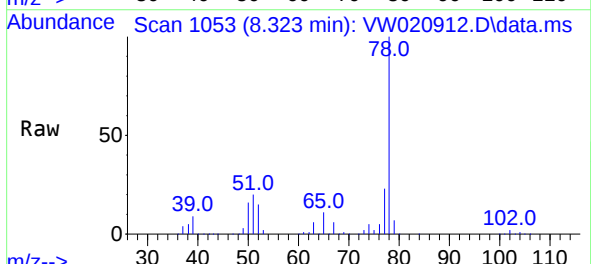
Acq: 17 Nov 2021 17:46

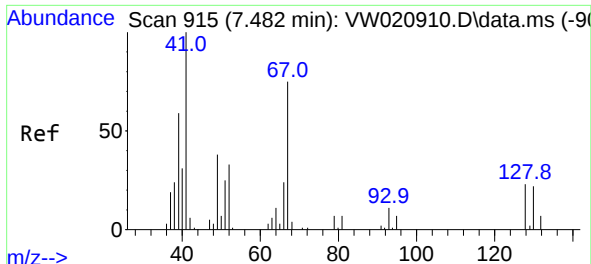
Tgt Ion: 78 Resp: 434717

Ion Ratio Lower Upper

78 100

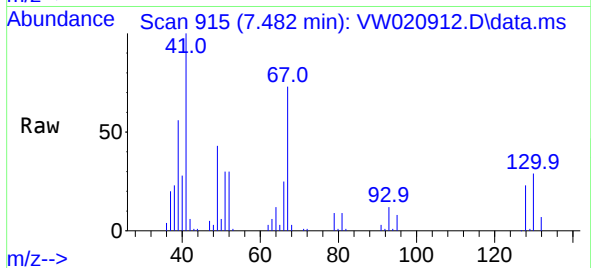
77 23.3 20.0 30.0





#41
Methacrylonitrile
Concen: 117.878 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

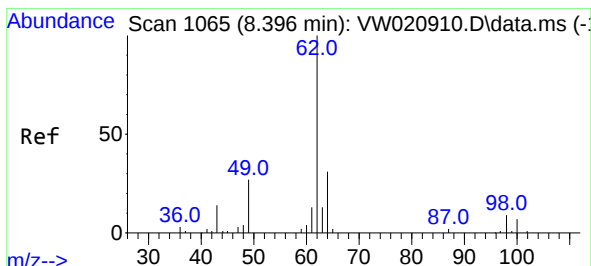
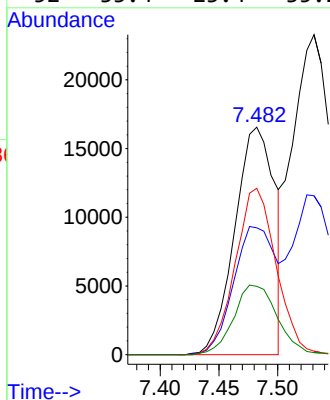
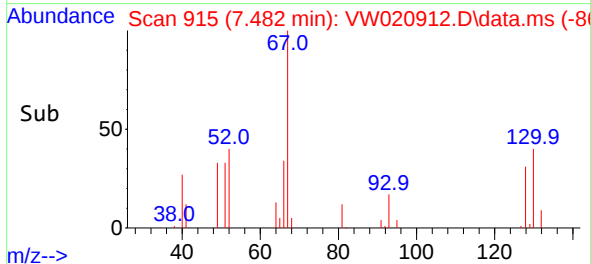
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



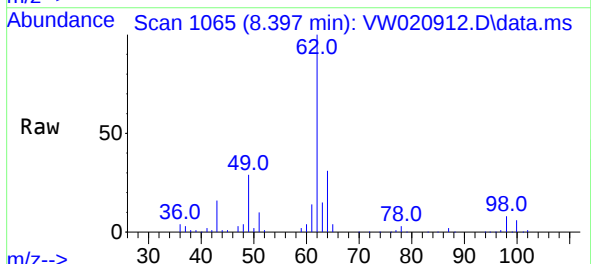
Tgt Ion: 41 Resp: 39180
Ion Ratio Lower Upper
41 100
39 58.4 42.9 64.3
67 75.0 56.2 84.4
52 33.4 23.4 35.2

Manual Integrations
APPROVED

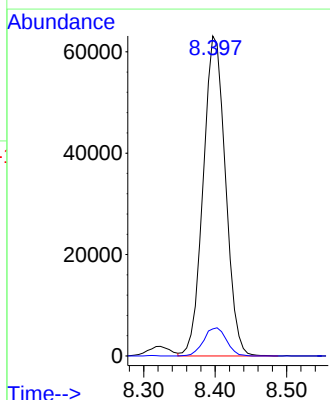
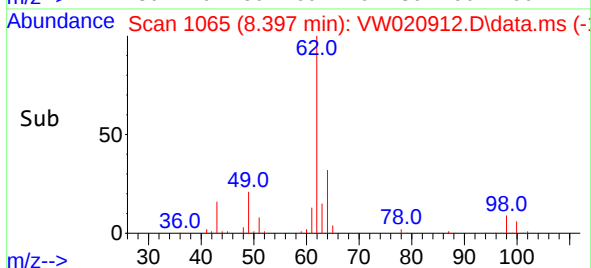
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

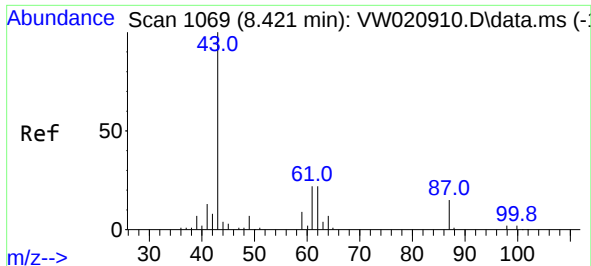


#42
1,2-Dichloroethane
Concen: 122.564 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



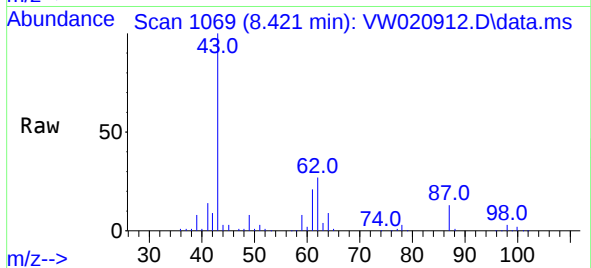
Tgt Ion: 62 Resp: 136499
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.0





#43
Isopropyl Acetate
Concen: 133.463 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

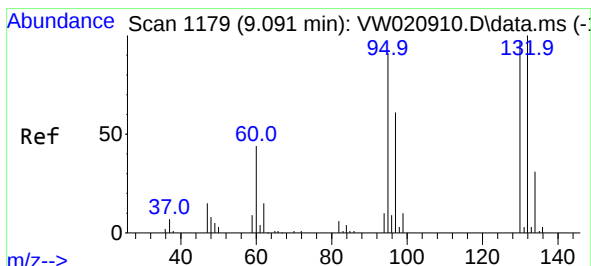
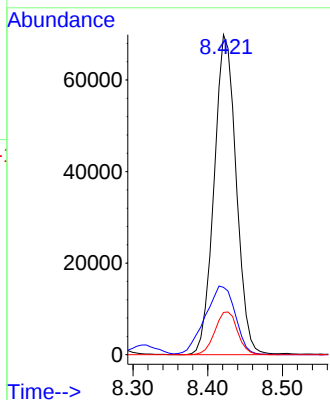
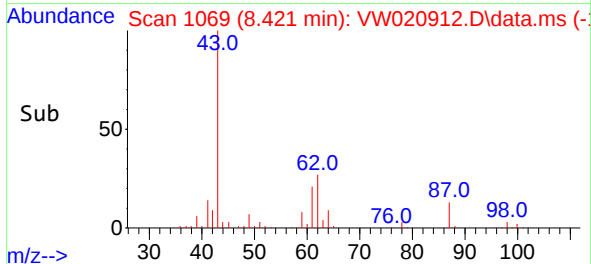
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



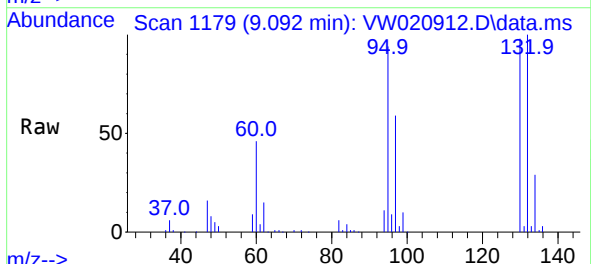
Tgt Ion: 43 Resp: 144054
Ion Ratio Lower Upper
43 100
61 29.3 23.7 35.5
87 13.7 11.5 17.3

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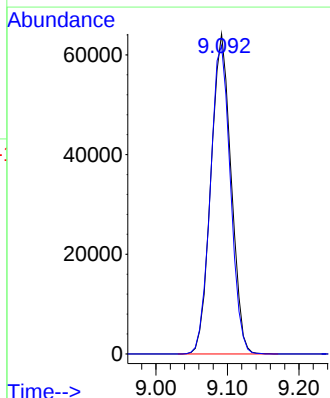
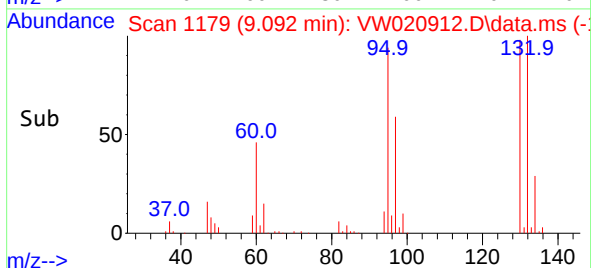
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

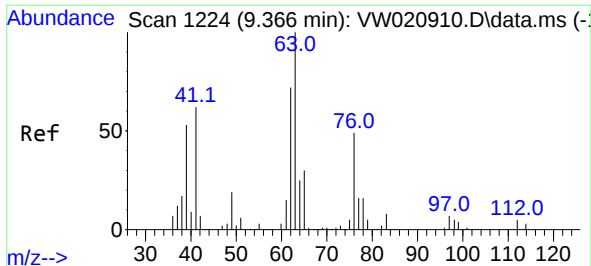


#44
Trichloroethene
Concen: 130.968 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:130 Resp: 125730
Ion Ratio Lower Upper
130 100
95 96.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 123.329 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 10258

Ion Ratio Lower Upper

63 100

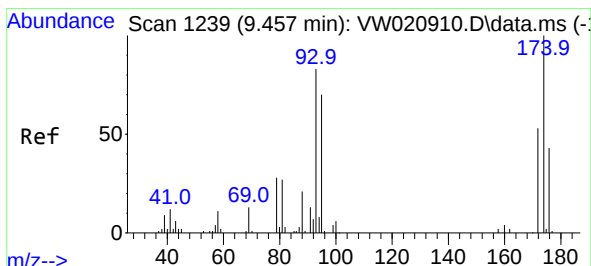
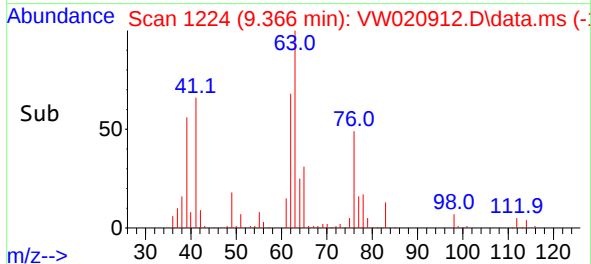
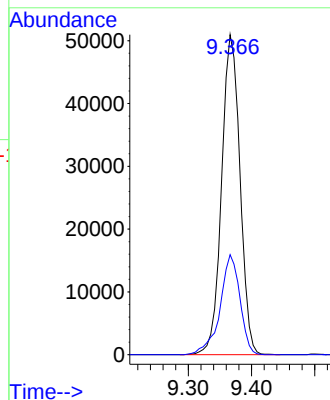
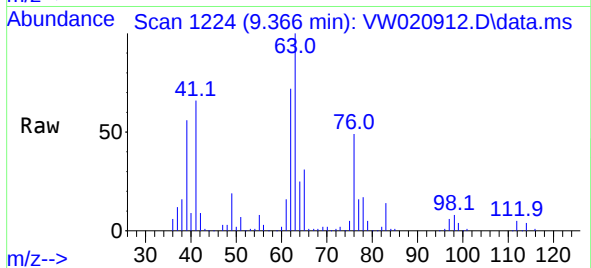
65 31.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 136.810 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

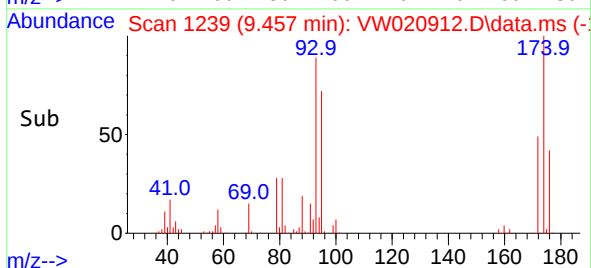
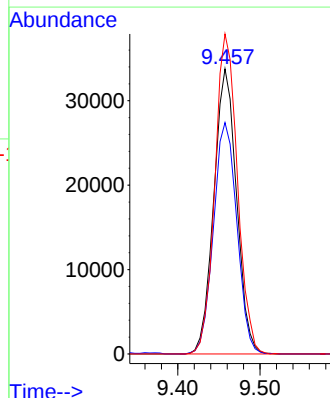
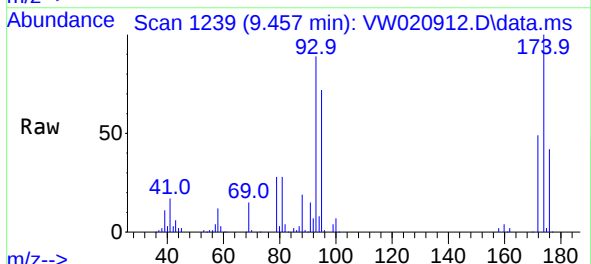
Tgt Ion: 93 Resp: 64874

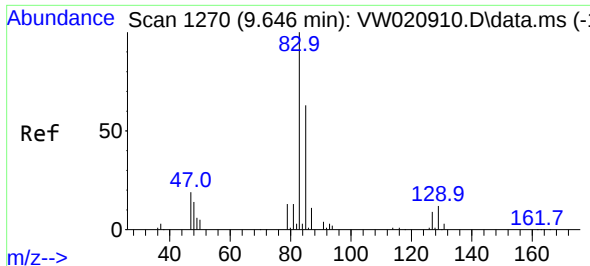
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 111.2 91.1 136.7





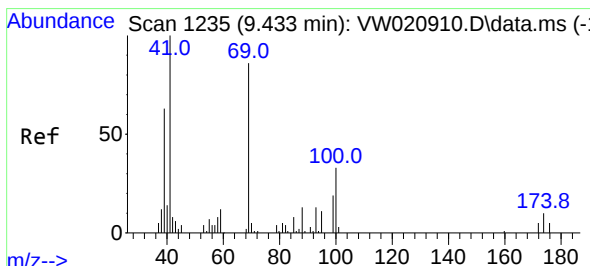
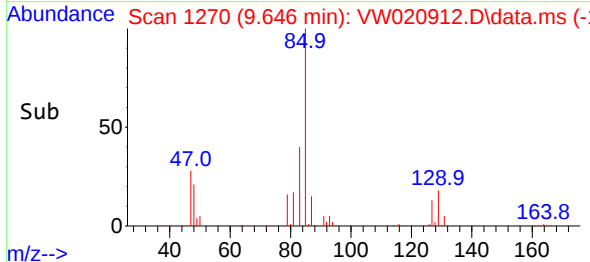
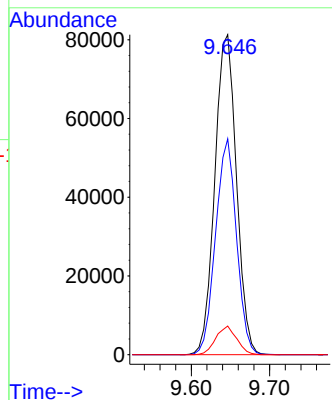
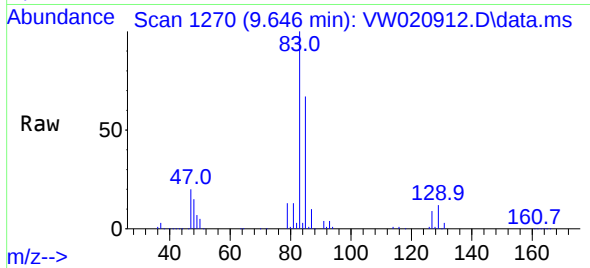
#47
Bromodichloromethane
Concen: 133.987 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 15630
Ion Ratio Lower Upper
83 100
85 67.5 50.3 75.5
127 9.0 7.1 10.7

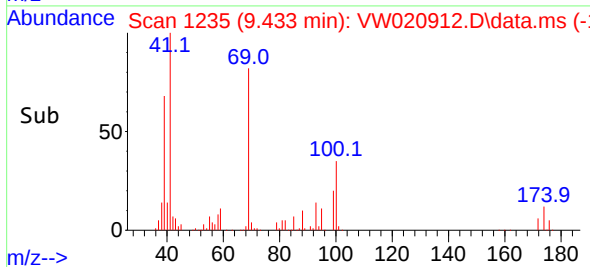
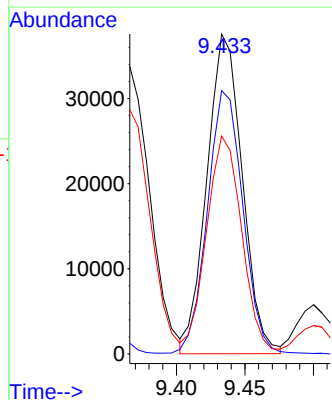
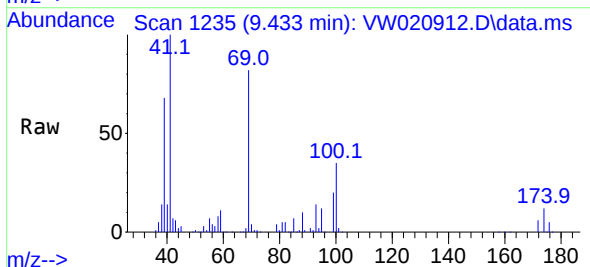
Manual Integrations
APPROVED

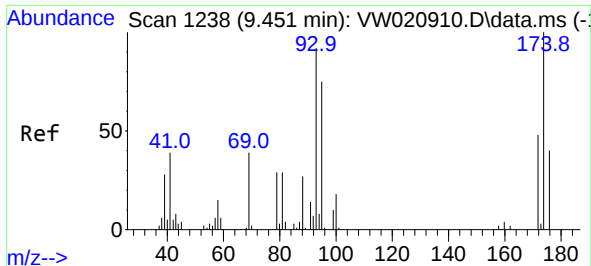
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 131.563 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 41 Resp: 67455
Ion Ratio Lower Upper
41 100
69 83.1 72.9 109.3
39 64.7 54.2 81.4





#49

1,4-Dioxane

Concen: 3003.533 ug/l

RT: 9.451 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 1889

Ion Ratio Lower Upper

88 100

43 31.1 26.6 39.8

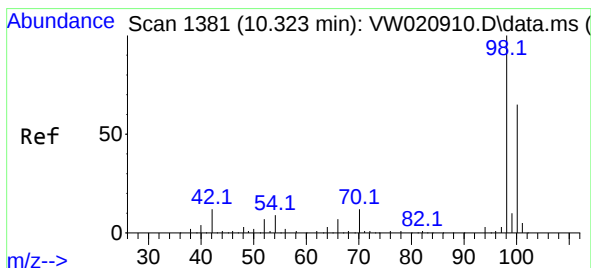
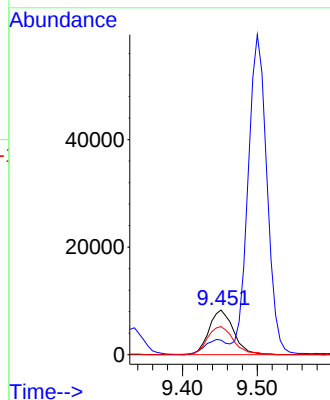
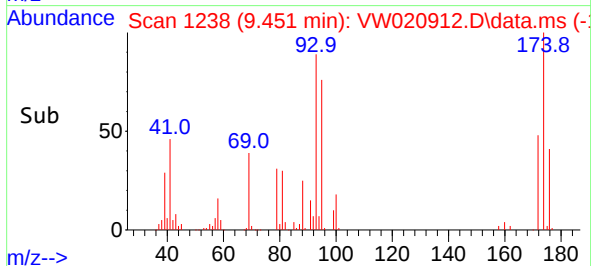
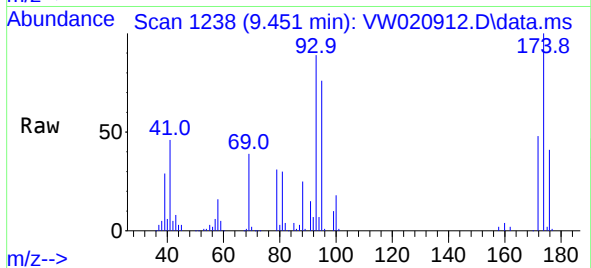
58 68.3 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 129.811 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020912.D

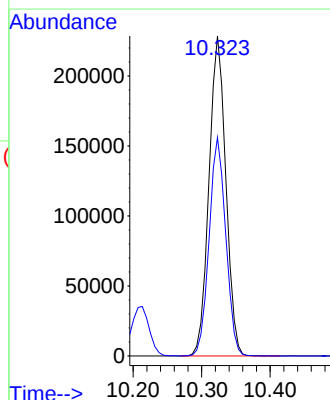
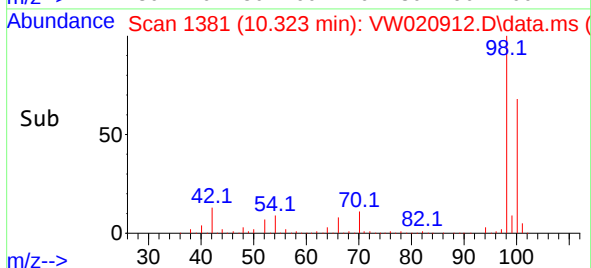
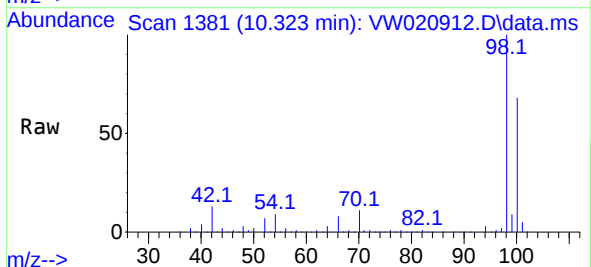
Acq: 17 Nov 2021 17:46

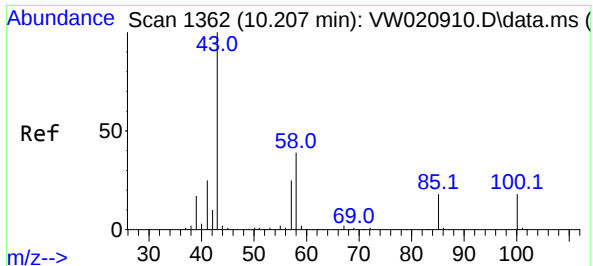
Tgt Ion: 98 Resp: 390085

Ion Ratio Lower Upper

98 100

100 67.5 52.6 79.0





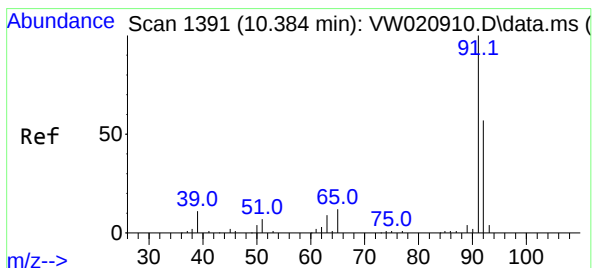
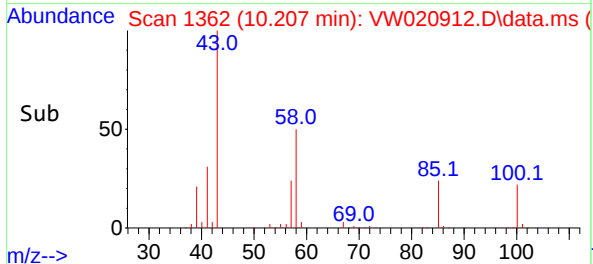
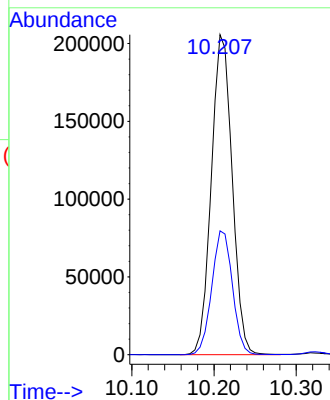
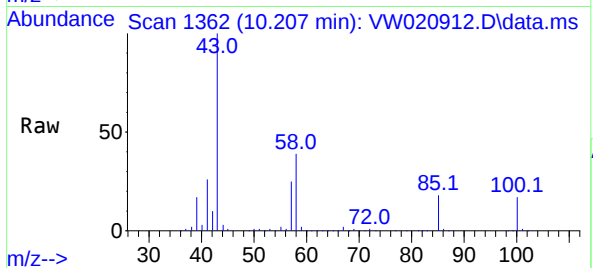
#51
4-Methyl-2-Pentanone
Concen: 629.064 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 36262
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3

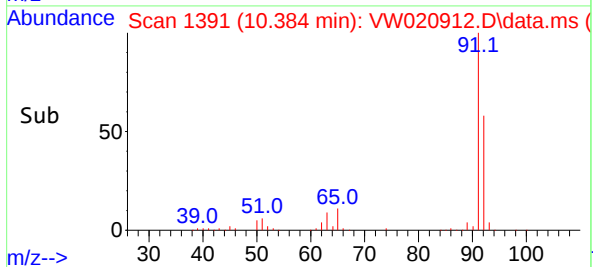
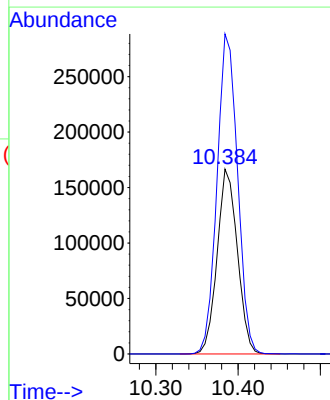
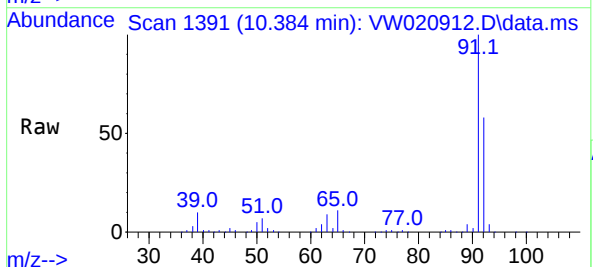
Manual Integrations
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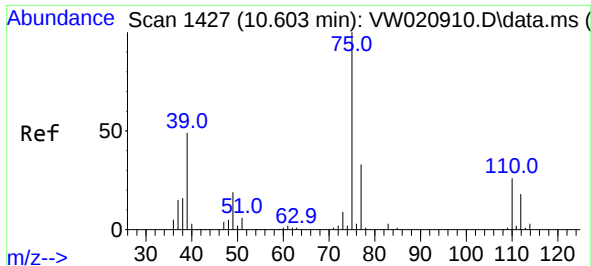
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 129.872 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 92 Resp: 285252
Ion Ratio Lower Upper
92 100
91 175.7 137.1 205.7





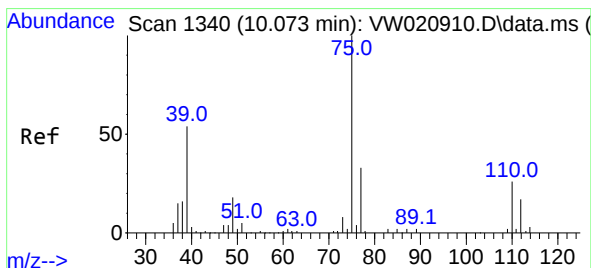
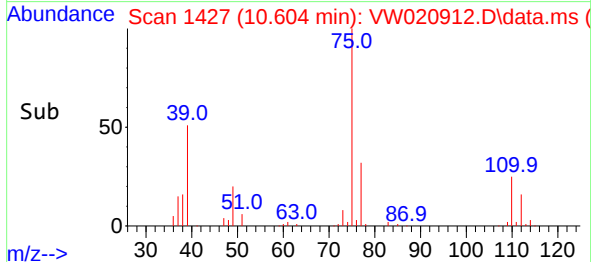
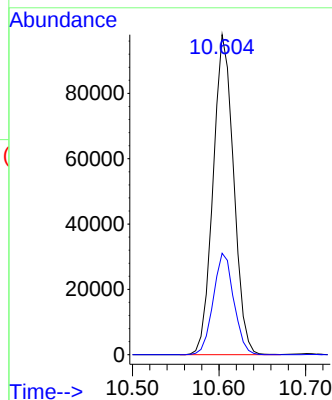
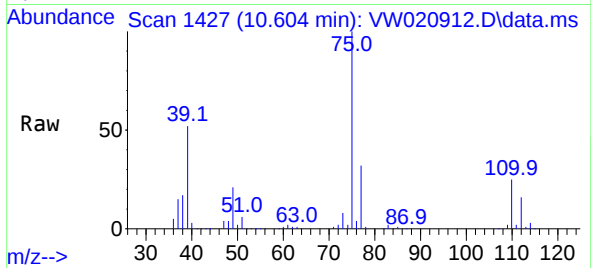
#53
t-1,3-Dichloropropene
Concen: 137.131 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 161538
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1

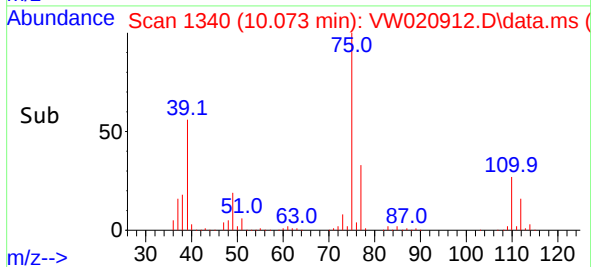
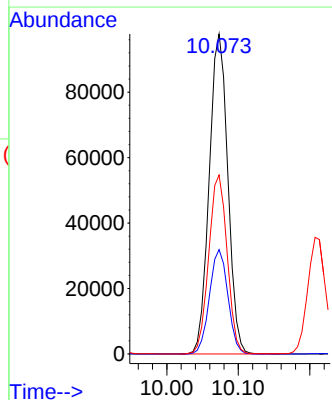
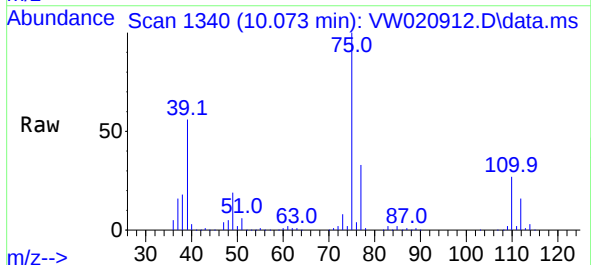
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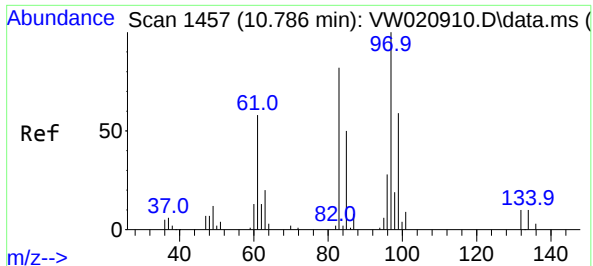
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 132.109 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 75 Resp: 176471
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4
39 55.9 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 130.742 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 8586

Ion Ratio Lower Upper

97 100

83 84.1 65.4 98.2

85 52.7 39.9 59.9

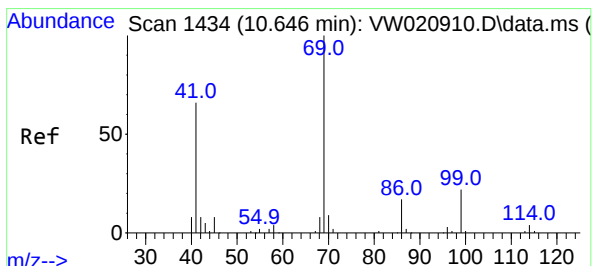
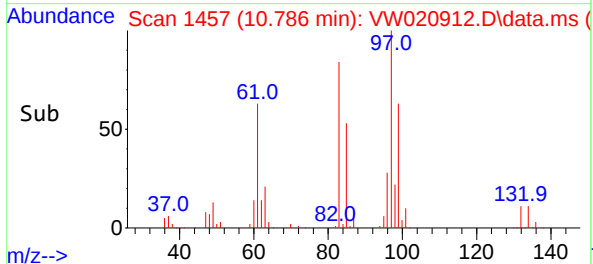
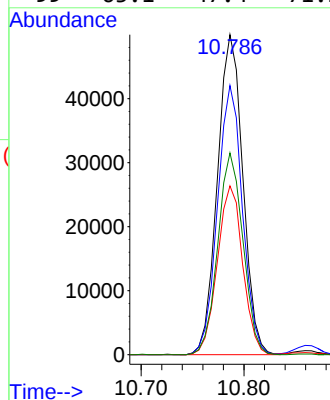
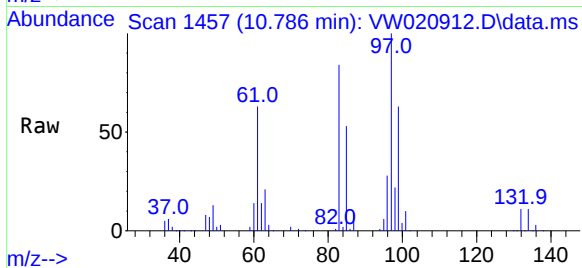
99 63.1 47.4 71.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#56

Ethyl methacrylate

Concen: 140.272 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

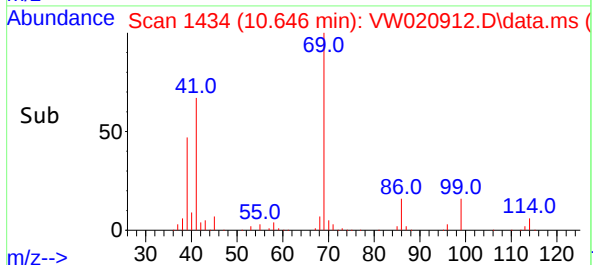
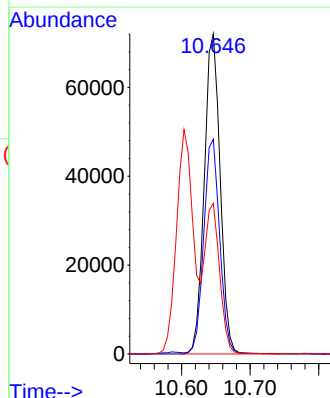
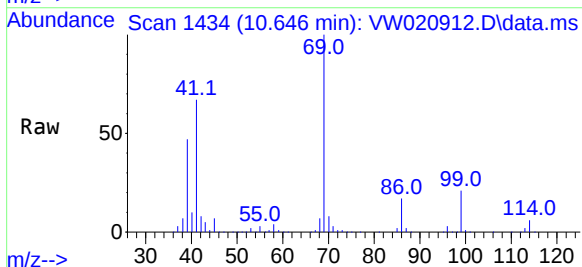
Tgt Ion: 69 Resp: 116545

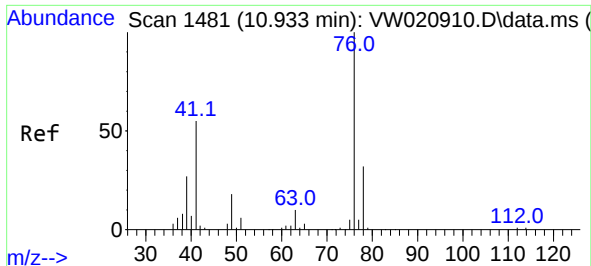
Ion Ratio Lower Upper

69 100

41 67.0 52.9 79.3

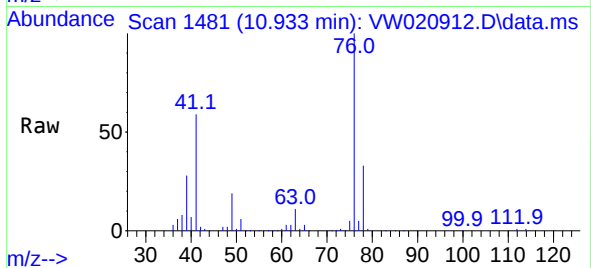
39 42.5 33.7 50.5





#57
1,3-Dichloropropane
Concen: 129.583 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

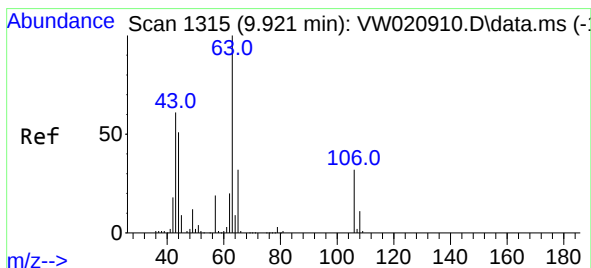
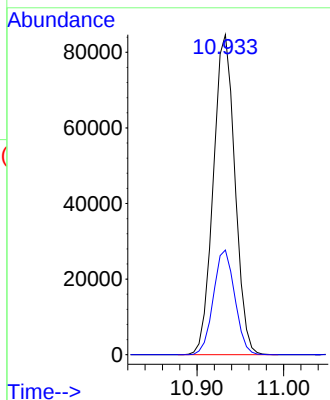
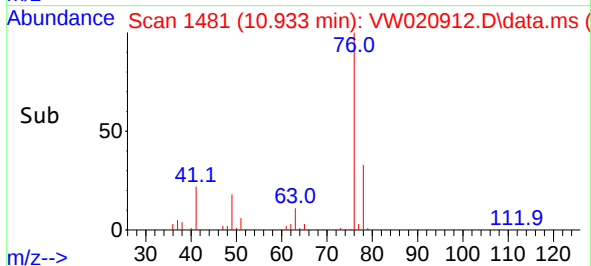
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



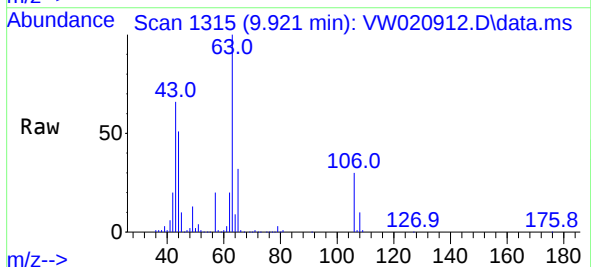
Tgt Ion: 76 Resp: 146582
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

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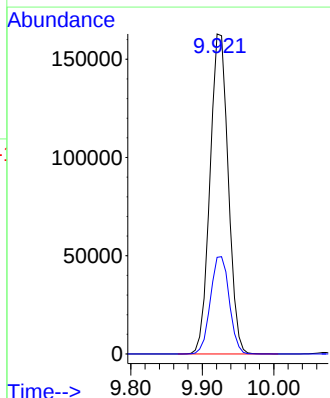
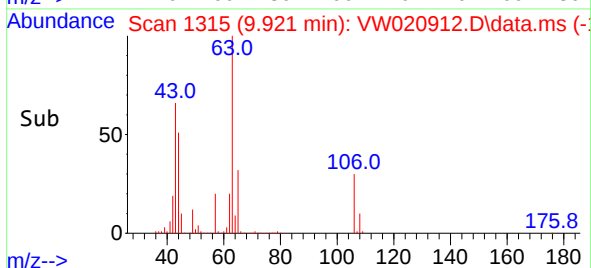
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

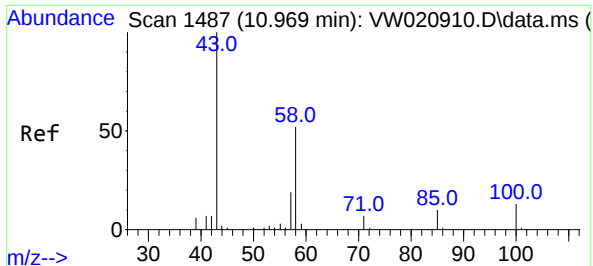


#58
2-Chloroethyl Vinyl ether
Concen: 758.102 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



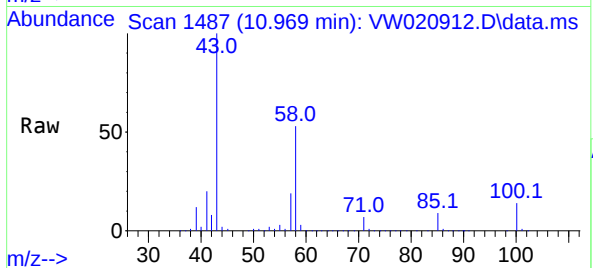
Tgt Ion: 63 Resp: 288529
Ion Ratio Lower Upper
63 100
106 31.3 26.3 39.5





#59
2-Hexanone
Concen: 643.275 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

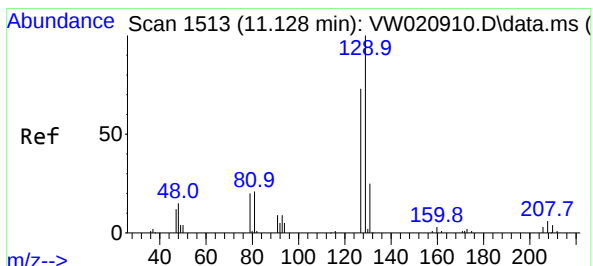
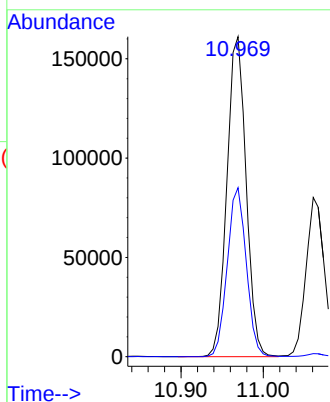
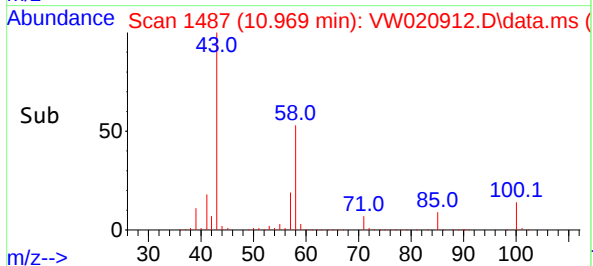
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



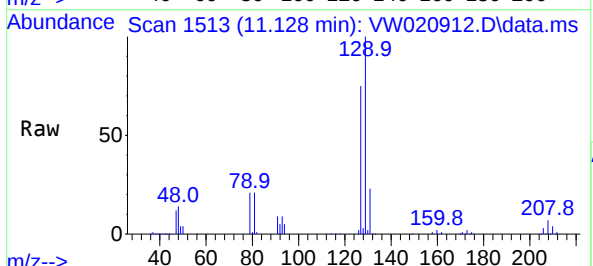
Tgt Ion: 43 Resp: 261058
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0

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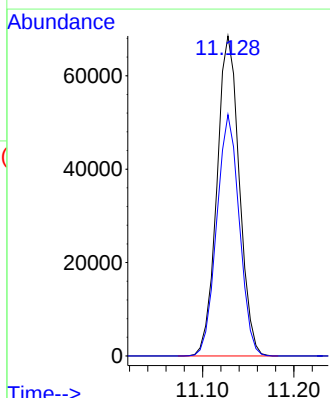
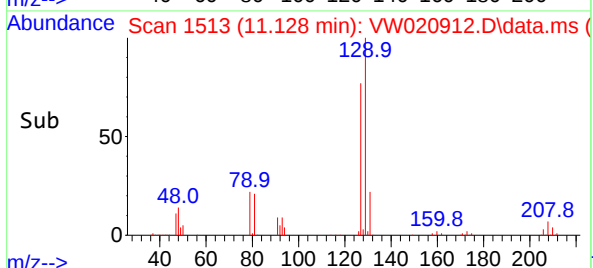
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

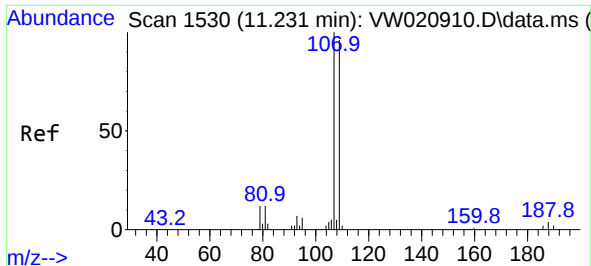


#60
Dibromochloromethane
Concen: 148.599 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:129 Resp: 116764
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





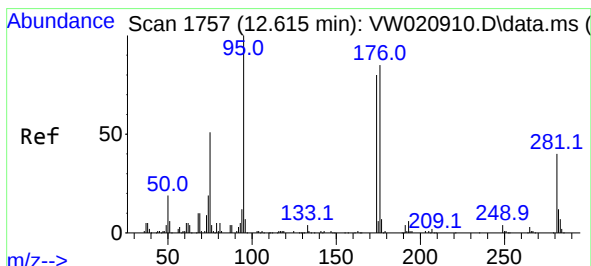
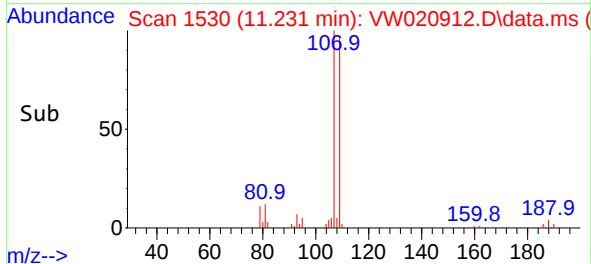
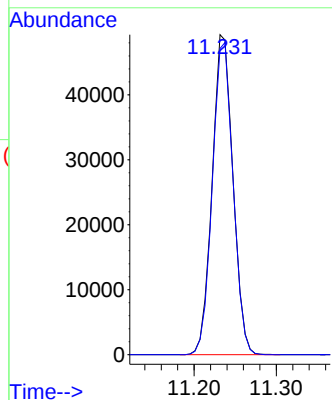
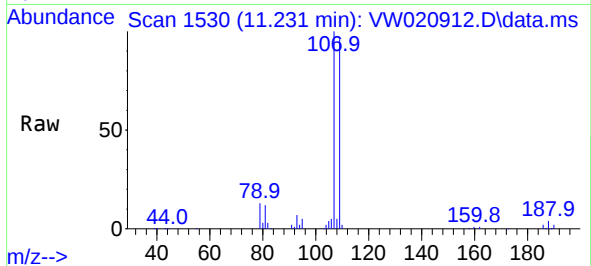
#61
1,2-Dibromoethane
Concen: 134.884 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 86470
Ion Ratio Lower Upper
107 100
109 97.4 74.1 111.1

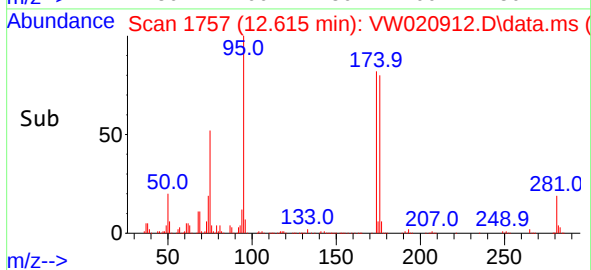
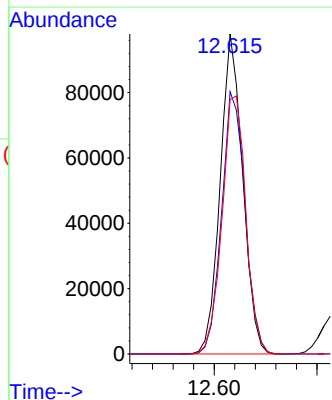
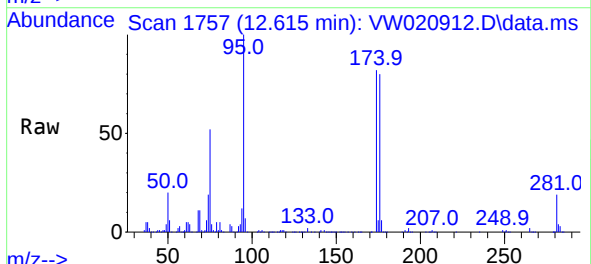
Manual Integrations
APPROVED

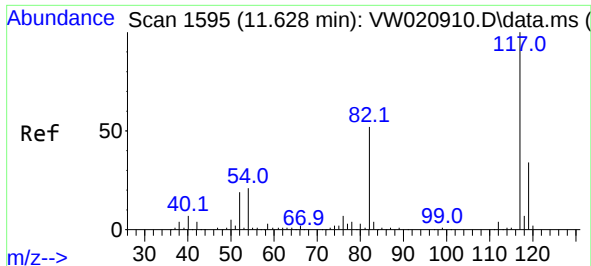
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 135.323 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 95 Resp: 148862
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.2
176 85.4 0.0 175.4





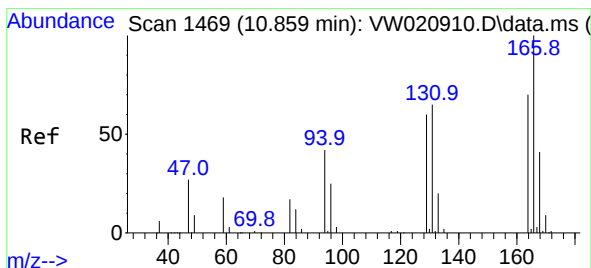
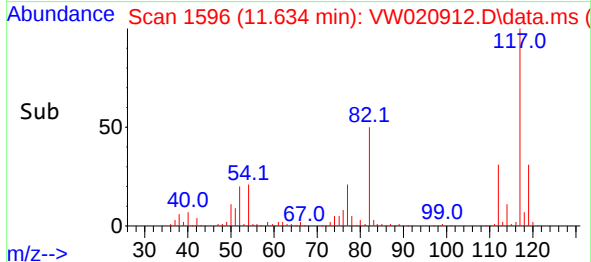
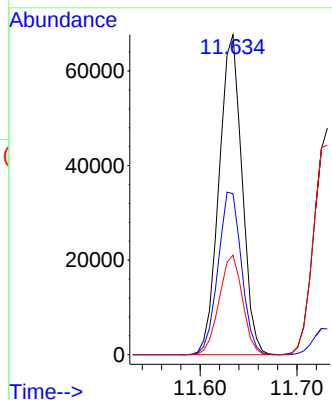
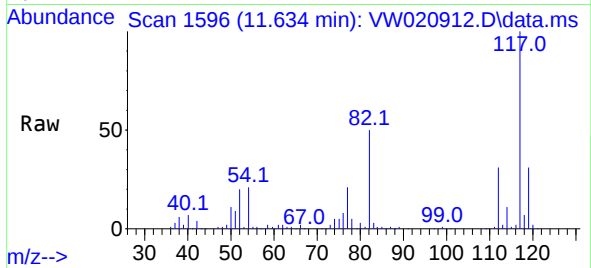
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11136
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 11136
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 31.1 27.2 40.8

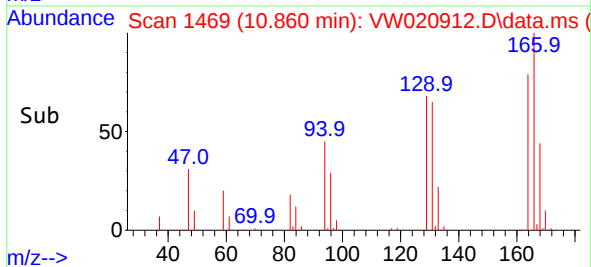
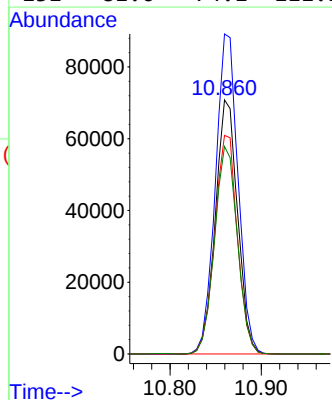
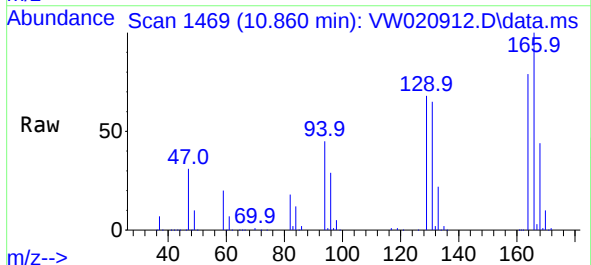
Manual Integrations
APPROVED

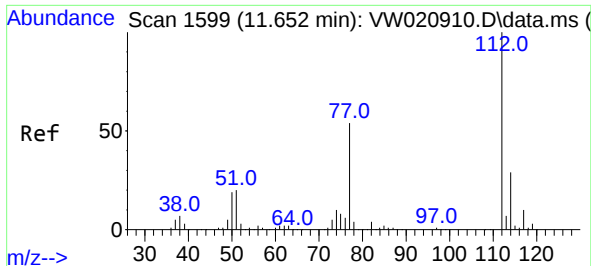
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 137.695 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

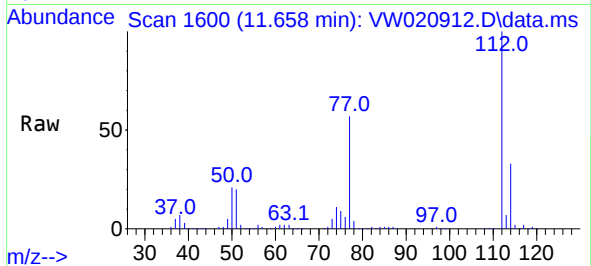
Tgt Ion:164 Resp: 119902
Ion Ratio Lower Upper
164 100
166 125.9 114.4 171.6
129 86.1 68.3 102.5
131 81.6 74.1 111.1





#65
Chlorobenzene
Concen: 132.396 ug/l
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

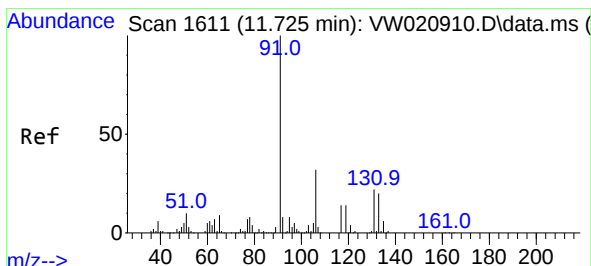
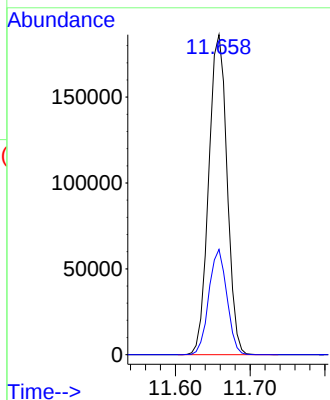
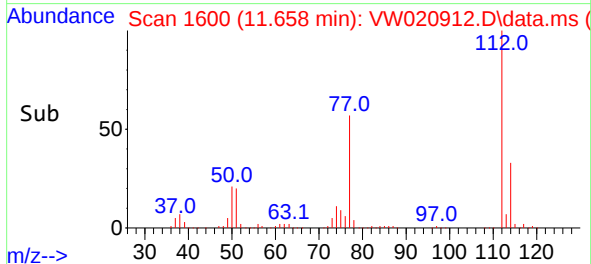
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



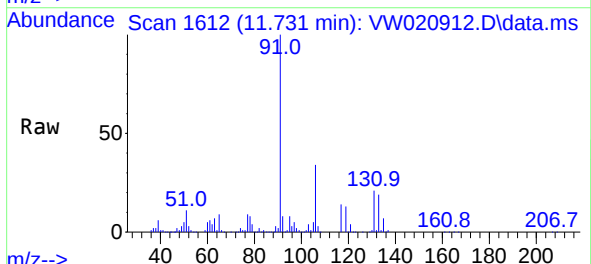
Tgt Ion:112 Resp: 31778
Ion Ratio Lower Upper
112 100
114 32.9 23.0 34.6

Manual Integrations
APPROVED

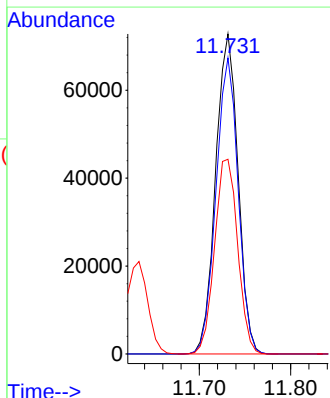
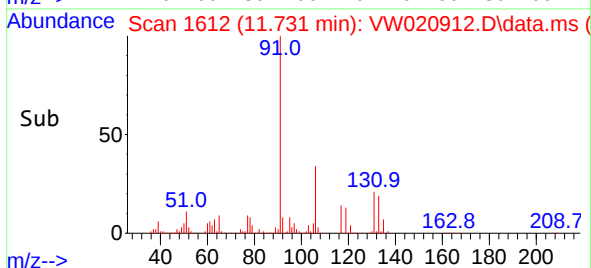
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

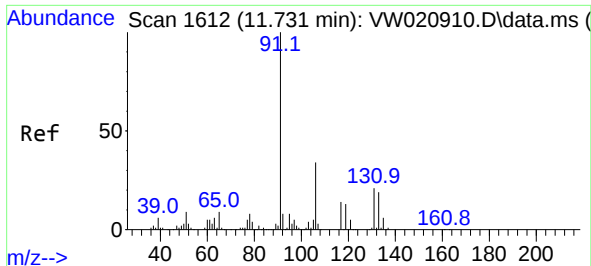


#66
1,1,1,2-Tetrachloroethane
Concen: 142.141 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:131 Resp: 123968
Ion Ratio Lower Upper
131 100
133 91.5 46.6 139.7
119 62.8 32.2 96.6





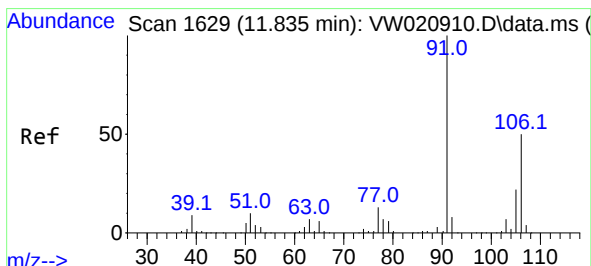
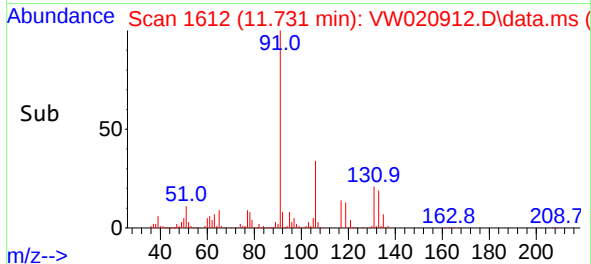
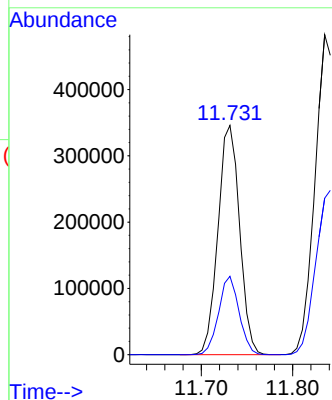
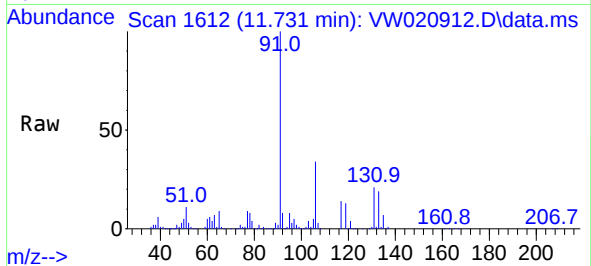
#67
Ethyl Benzene
Concen: 132.733 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 569294
Ion Ratio Lower Upper
91 100
106 34.2 27.3 40.9

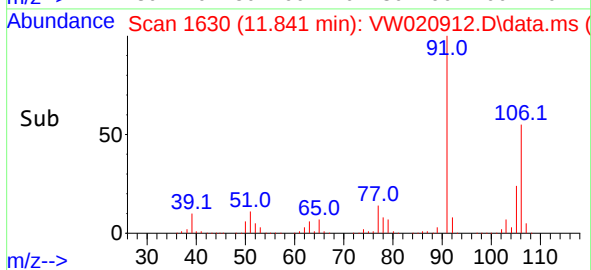
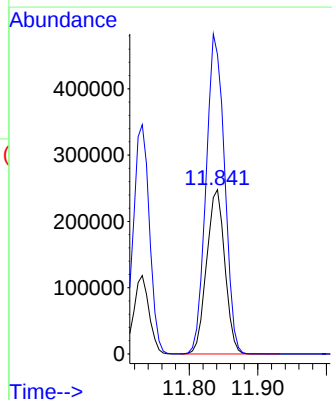
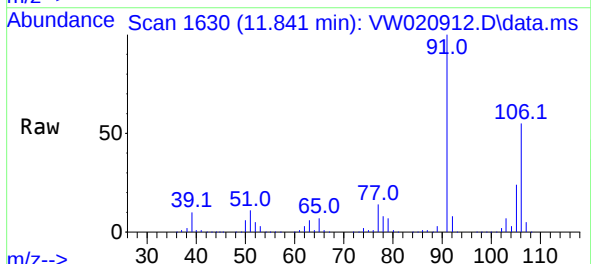
Manual Integrations
APPROVED

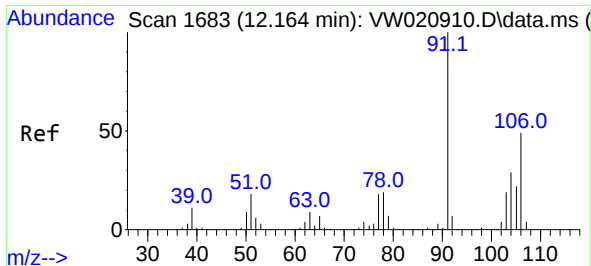
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 273.904 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion:106 Resp: 457781
Ion Ratio Lower Upper
106 100
91 197.5 157.8 236.8





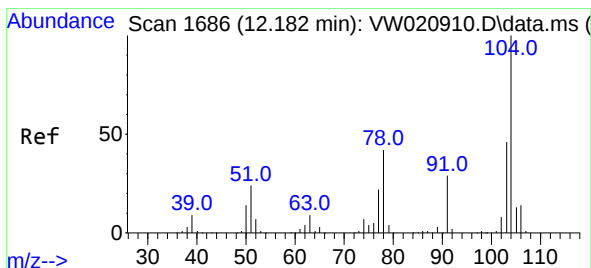
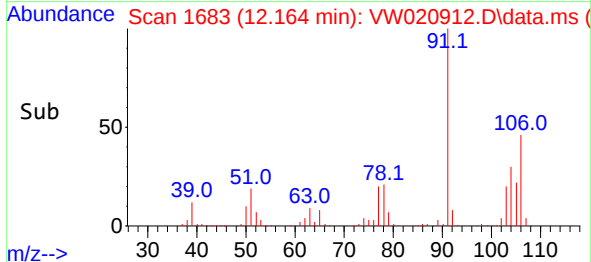
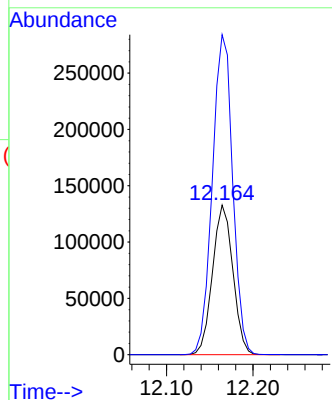
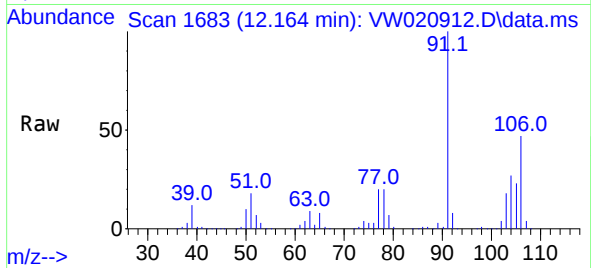
#69
o-Xylene
Concen: 139.997 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 217025
Ion Ratio Lower Upper
106 100
91 213.6 104.3 312.9

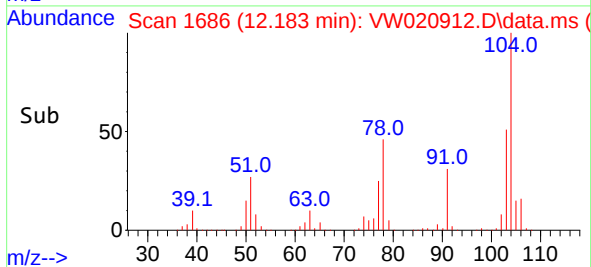
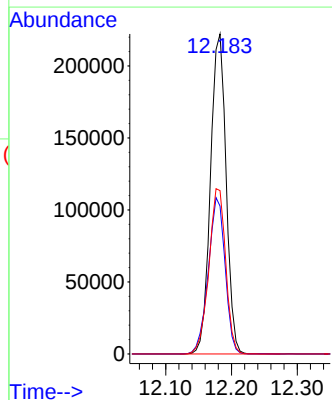
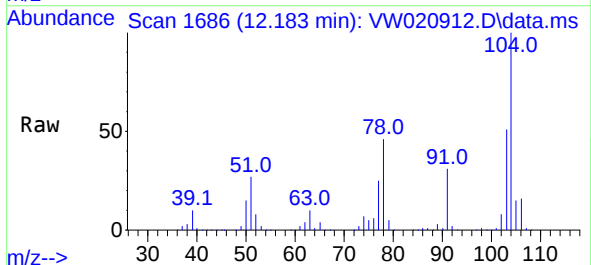
Manual Integrations
APPROVED

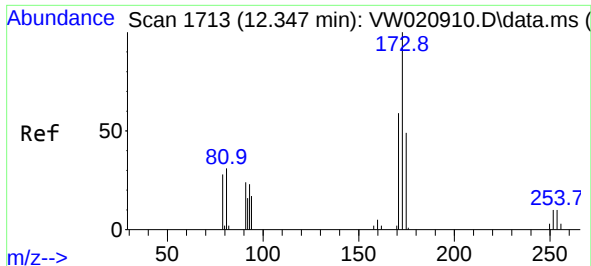
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 139.301 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

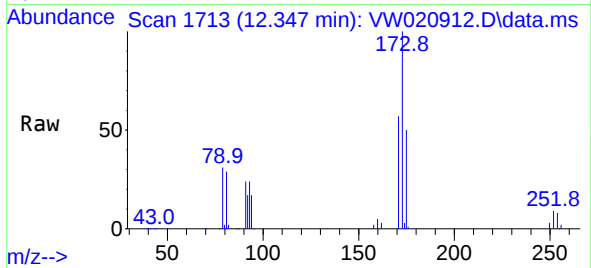
Tgt Ion:104 Resp: 367765
Ion Ratio Lower Upper
104 100
78 52.5 39.4 59.2
103 55.5 42.6 63.8





#71
Bromoform
Concen: 146.391 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

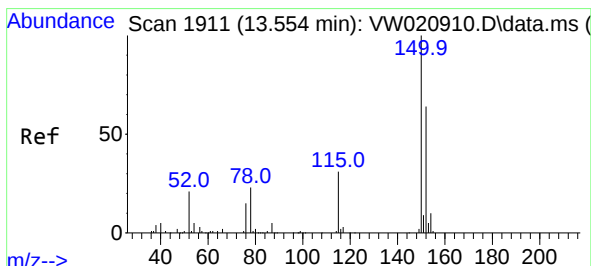
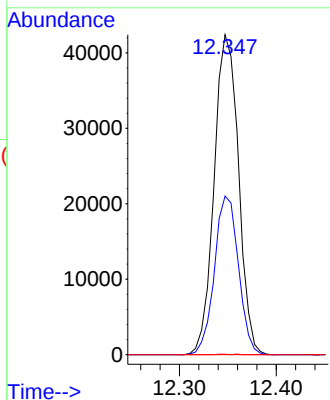
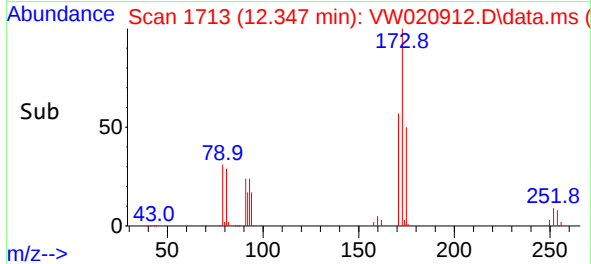
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



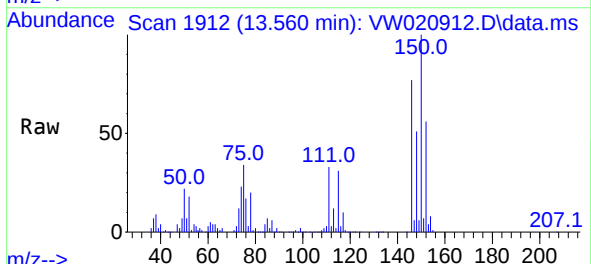
Tgt Ion:173 Resp: 74175
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.3
254 0.1 0.0 0.0

Manual Integrations
APPROVED

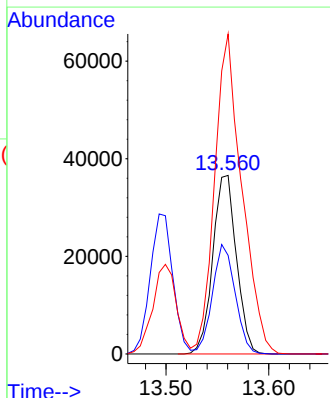
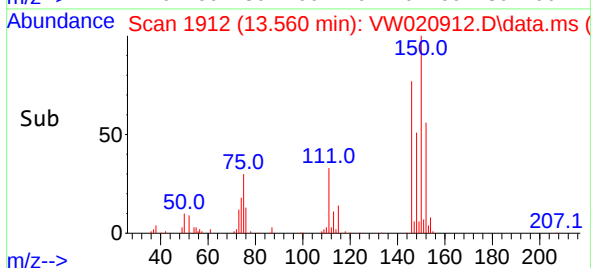
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

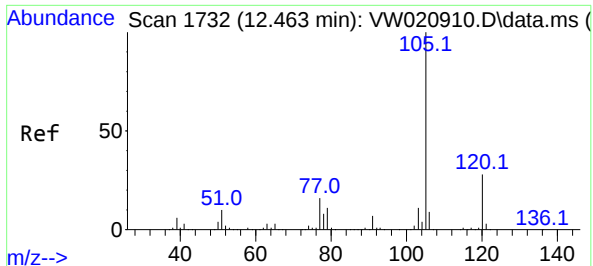


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:152 Resp: 58424
Ion Ratio Lower Upper
152 100
115 59.1 27.8 83.3
150 206.1 0.0 348.4





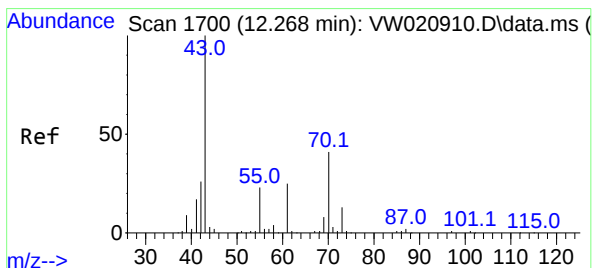
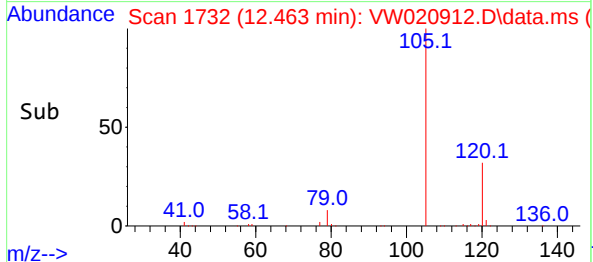
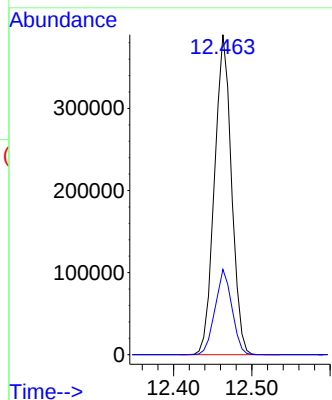
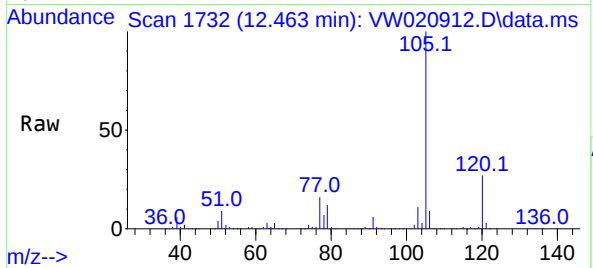
#73
Isopropylbenzene
Concen: 141.591 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 58784
Ion Ratio Lower Upper
105 100
120 26.4 13.9 41.7

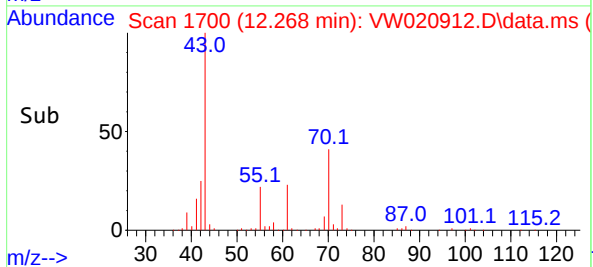
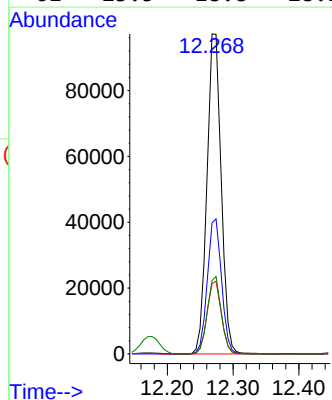
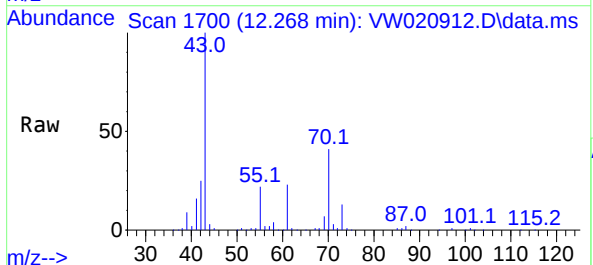
Manual Integrations
APPROVED

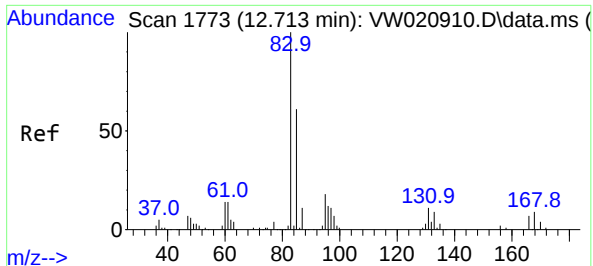
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 147.590 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion: 43 Resp: 146775
Ion Ratio Lower Upper
43 100
70 42.1 33.7 50.5
55 22.8 18.5 27.7
61 23.5 18.8 28.2





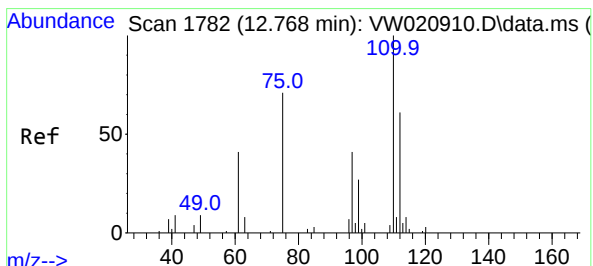
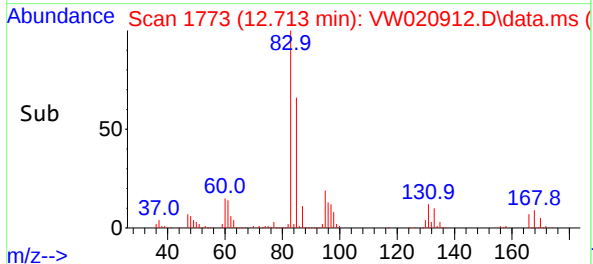
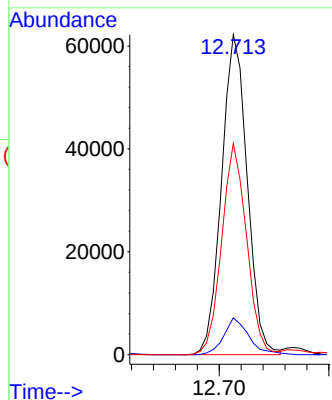
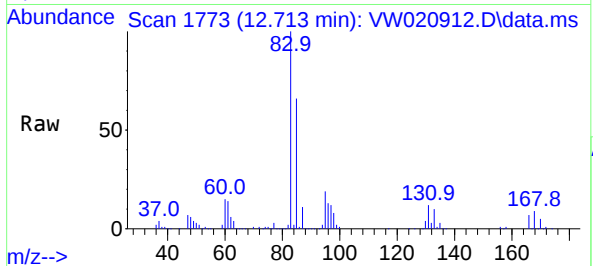
#75
1,1,2,2-Tetrachloroethane
Concen: 131.739 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 10121
Ion Ratio Lower Upper
83 100
131 11.3 5.9 17.6
85 64.0 32.0 96.0

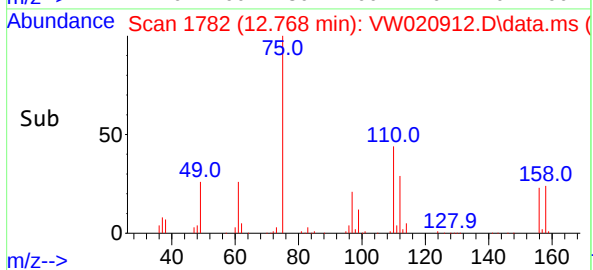
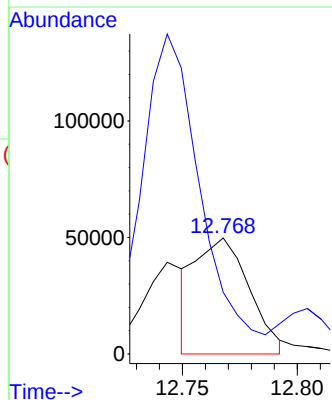
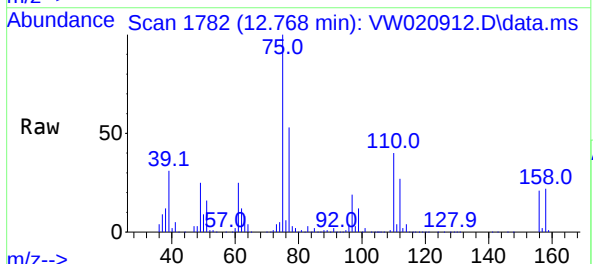
Manual Integrations
APPROVED

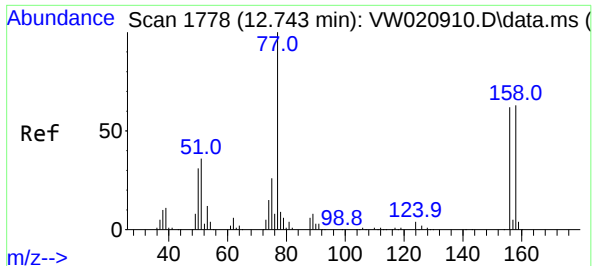
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 129.024 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

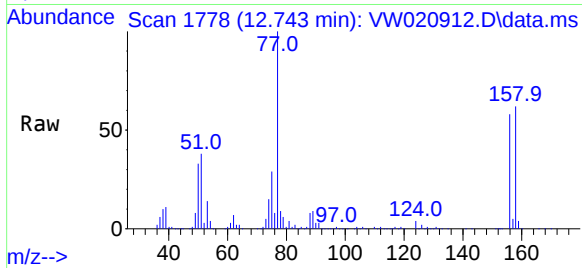
Tgt Ion: 75 Resp: 80548
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 138.179 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

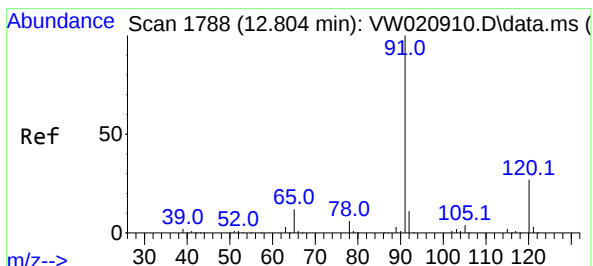
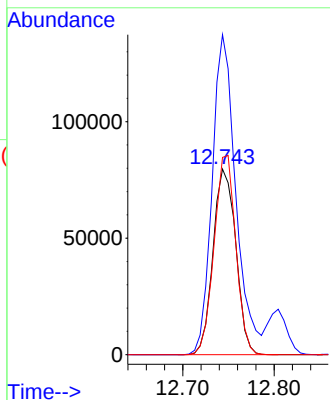
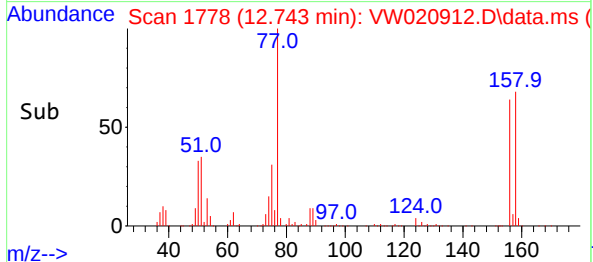
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



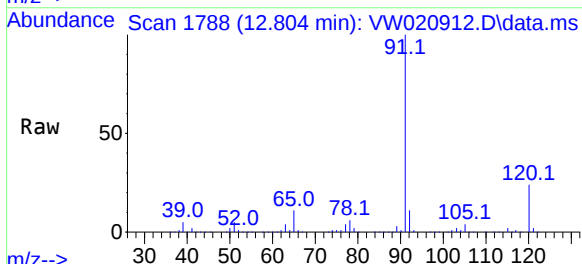
Tgt Ion:156 Resp: 138068
Ion Ratio Lower Upper
156 100
77 178.9 87.0 261.0
158 102.7 49.8 149.4

Manual Integrations
APPROVED

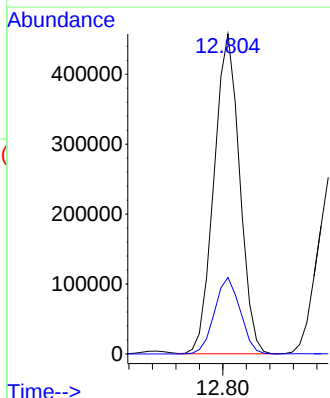
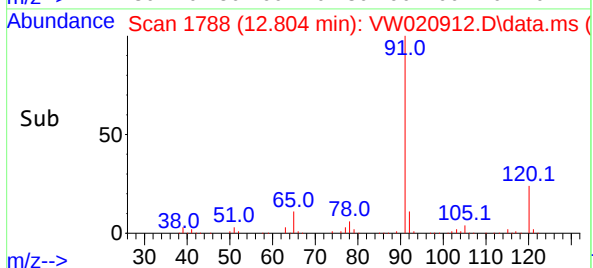
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

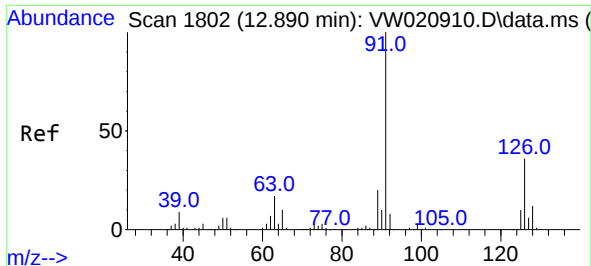


#78
n-propylbenzene
Concen: 136.697 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion: 91 Resp: 692780
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.4





#79

2-Chlorotoluene

Concen: 134.435 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 393828

Ion Ratio Lower Upper

91 100

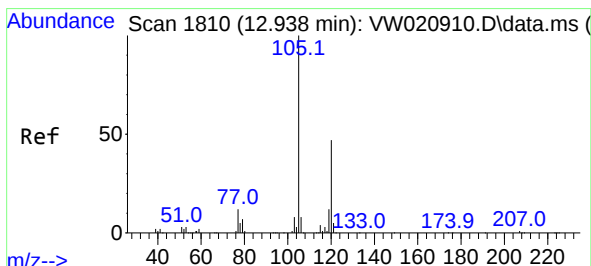
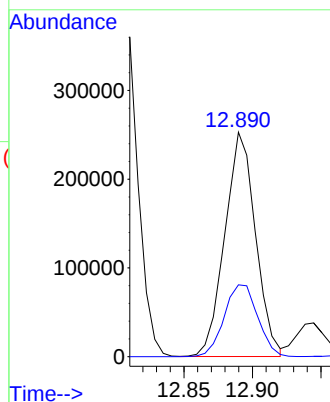
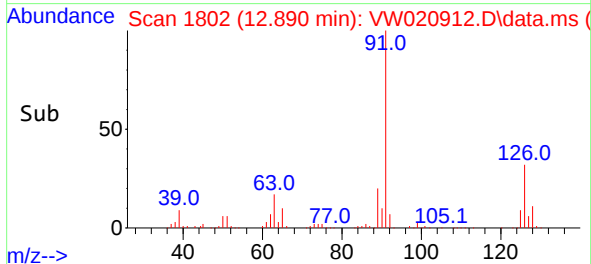
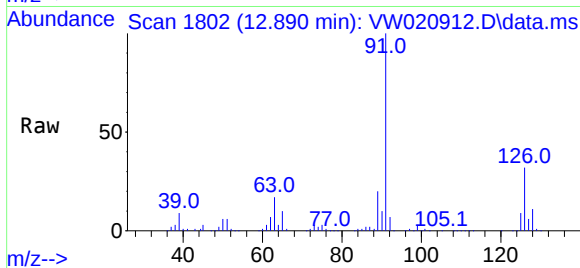
126 35.0 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#80

1,3,5-Trimethylbenzene

Concen: 138.702 ug/l

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020912.D

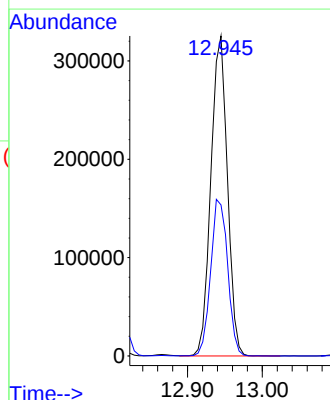
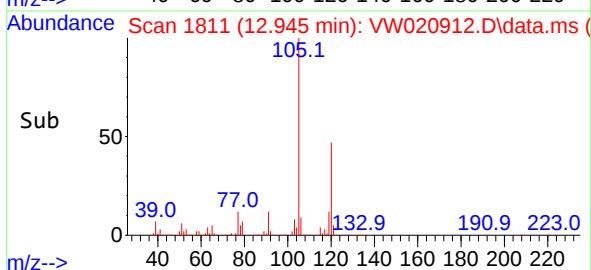
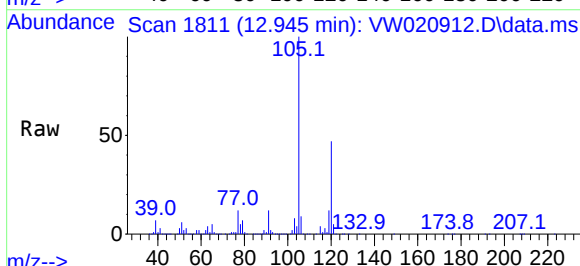
Acq: 17 Nov 2021 17:46

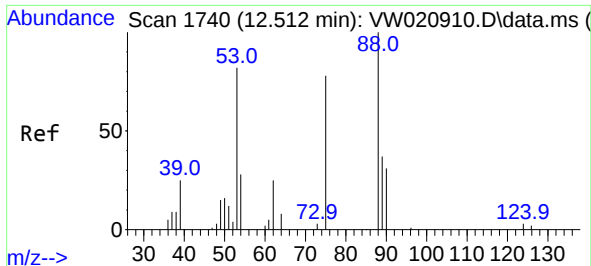
Tgt Ion:105 Resp: 499124

Ion Ratio Lower Upper

105 100

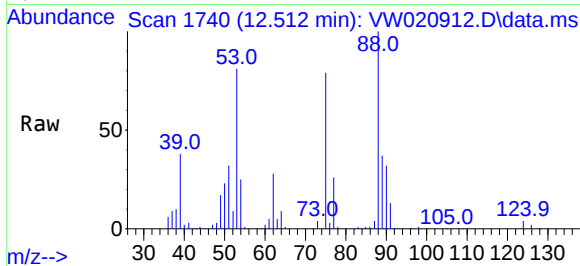
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 142.951 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

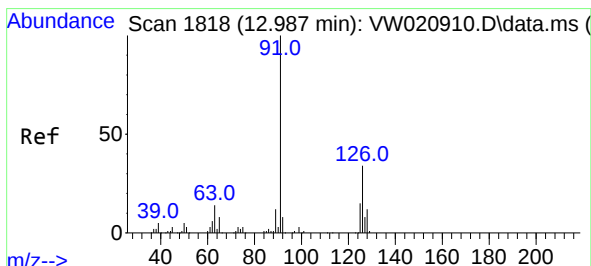
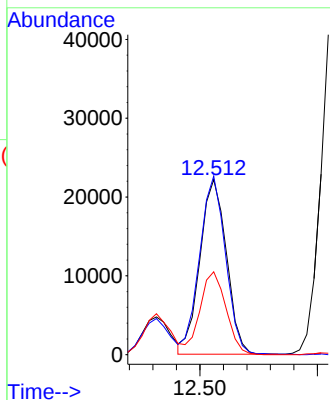
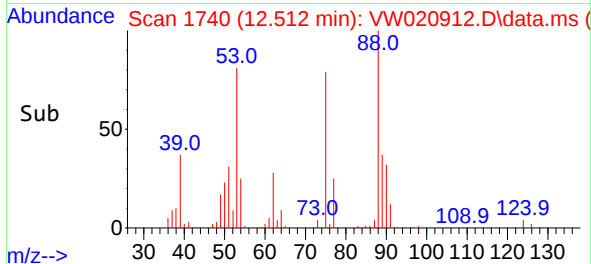
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



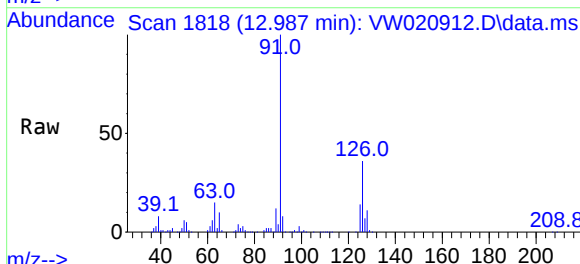
Tgt Ion: 75 Resp: 34790
Ion Ratio Lower Upper
75 100
53 101.0 81.8 122.8
89 46.0 38.6 57.8

Manual Integrations
APPROVED

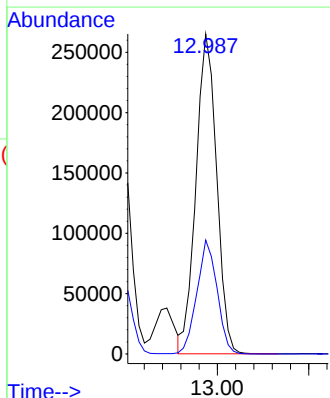
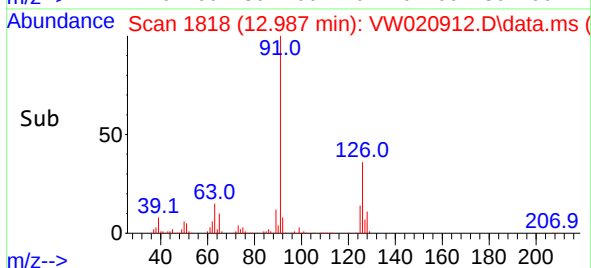
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

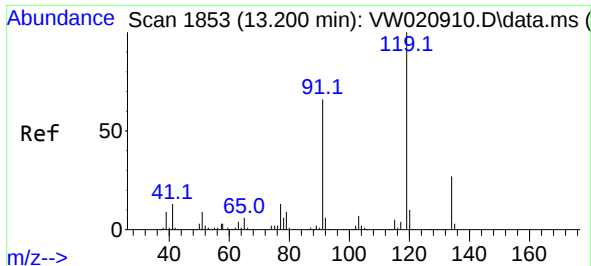


#82
4-Chlorotoluene
Concen: 134.943 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion: 91 Resp: 416475
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





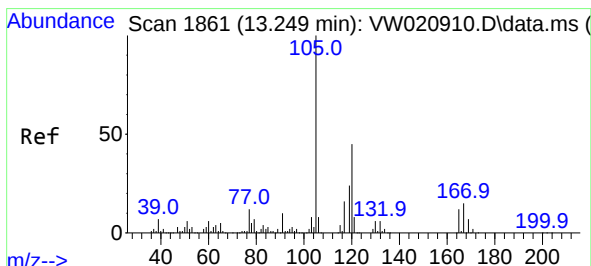
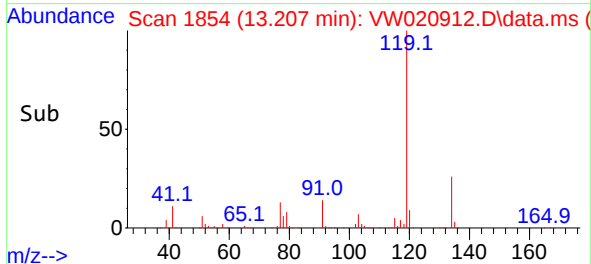
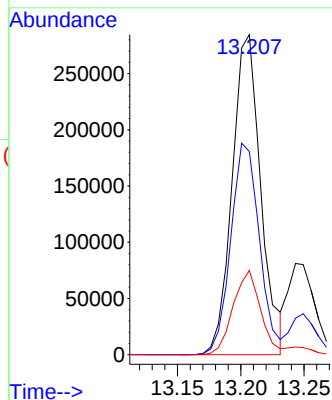
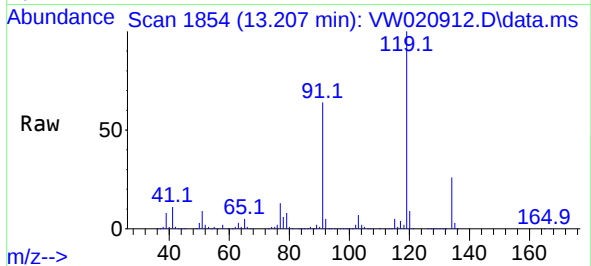
#83
tert-Butylbenzene
Concen: 144.438 ug/l
RT: 13.207 min Scan# 119
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 44896
Ion Ratio Lower Upper
119 100
91 66.0 32.6 97.8
134 25.6 13.2 39.5

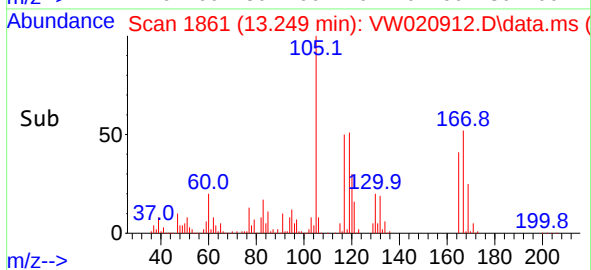
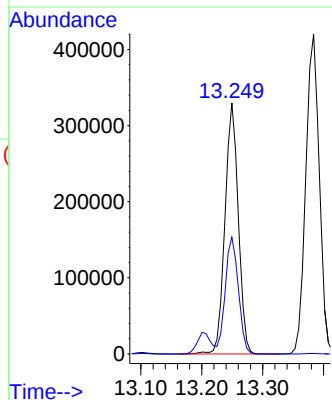
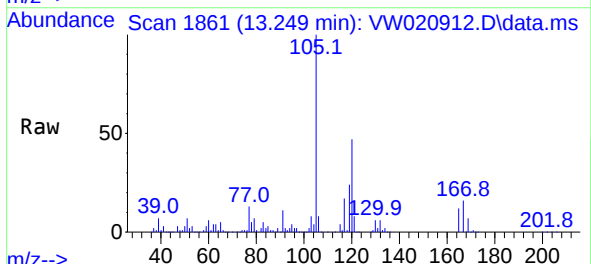
Manual Integrations
APPROVED

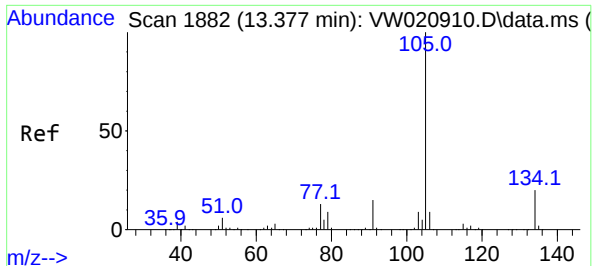
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 140.251 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

Tgt Ion:105 Resp: 500482
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





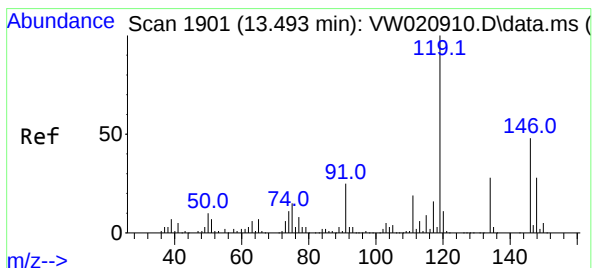
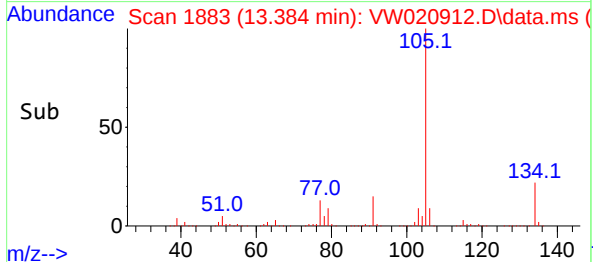
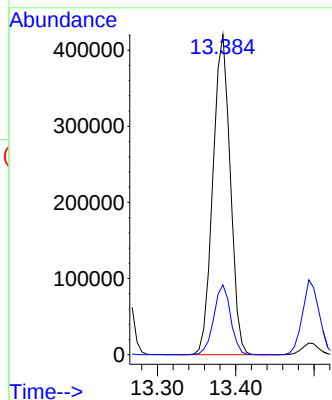
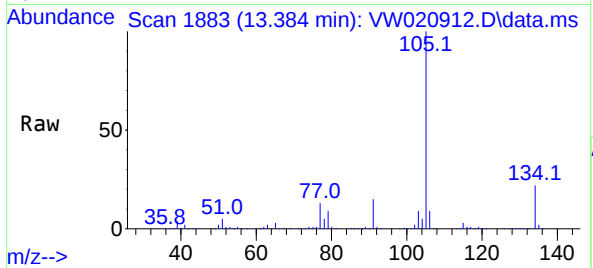
#85
 sec-Butylbenzene
 Concen: 138.903 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VW020912.D
 Acq: 17 Nov 2021 17:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 64580
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4

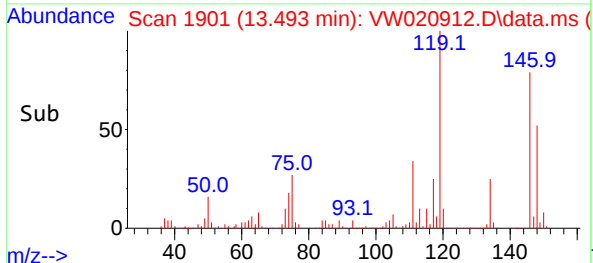
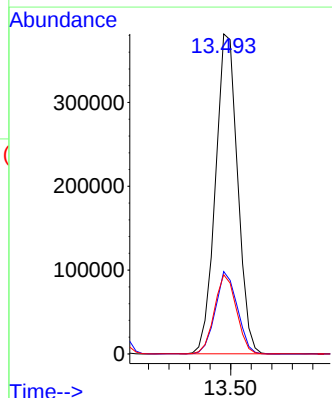
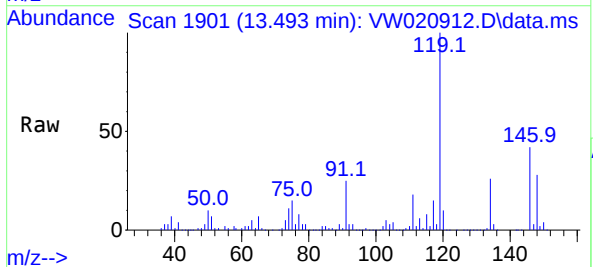
Manual Integrations
 APPROVED

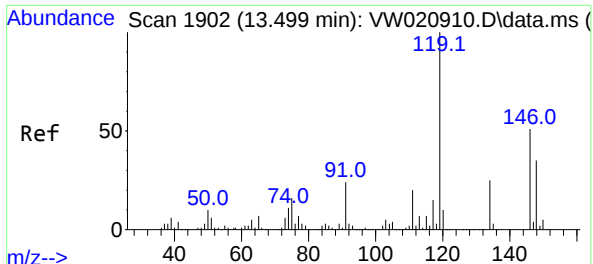
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 143.474 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020912.D
 Acq: 17 Nov 2021 17:46

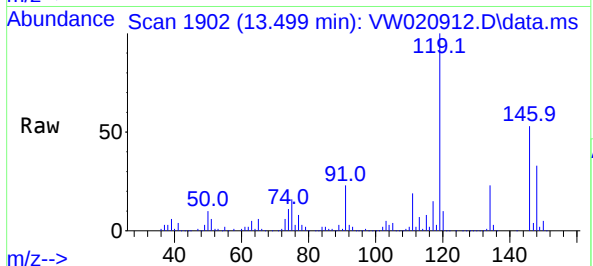
Tgt Ion:119 Resp: 569386
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.5 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 140.543 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

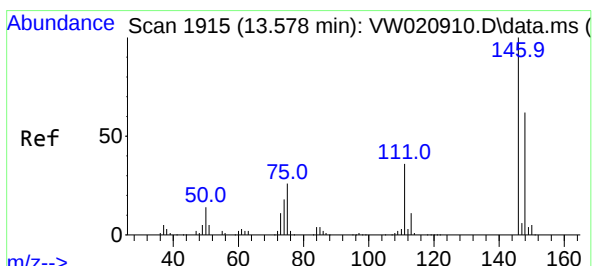
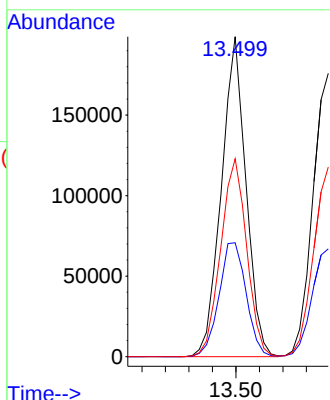
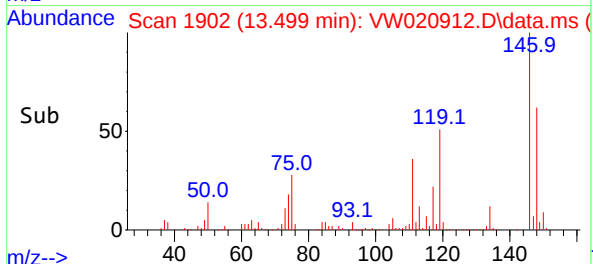
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



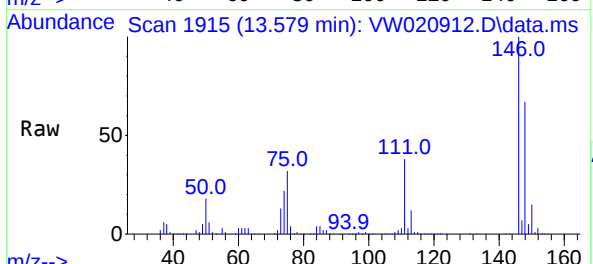
Tgt Ion:146 Resp: 28915
Ion Ratio Lower Upper
146 100
111 39.3 20.0 59.9
148 65.3 31.7 95.1

Manual Integrations
APPROVED

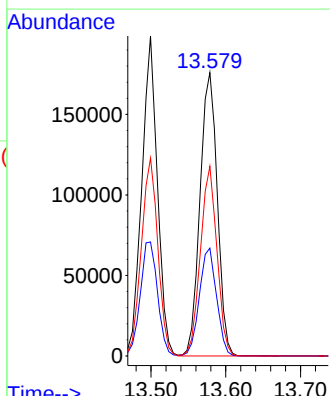
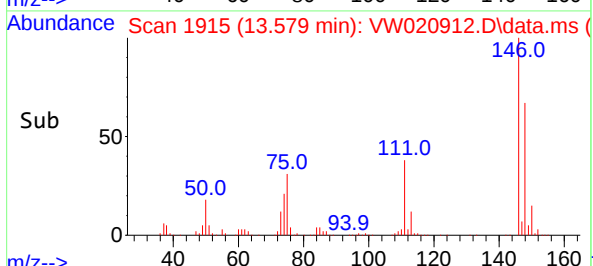
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

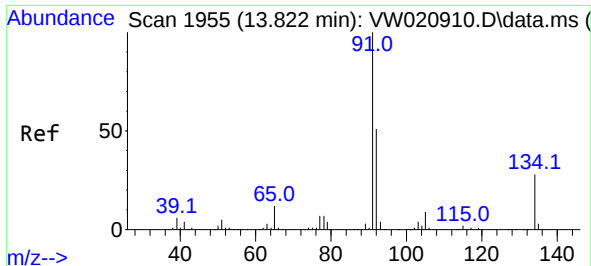


#88
1,4-Dichlorobenzene
Concen: 136.168 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:146 Resp: 282985
Ion Ratio Lower Upper
146 100
111 37.7 18.8 56.4
148 64.1 31.1 93.2





#89

n-Butylbenzene

Concen: 140.106 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

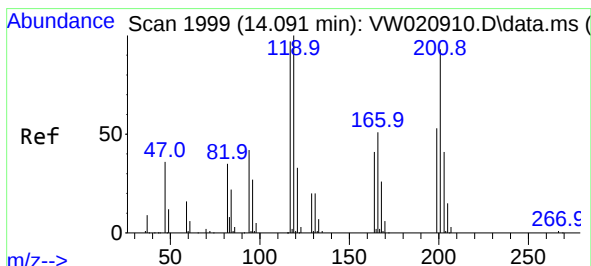
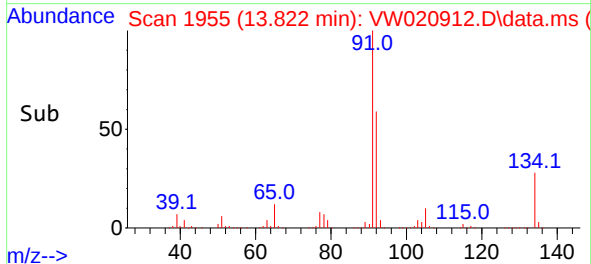
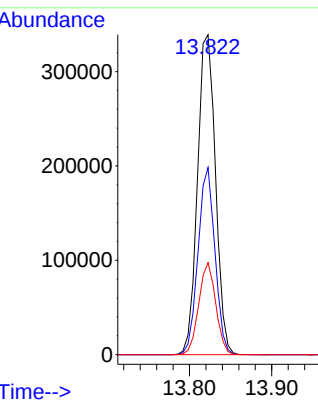
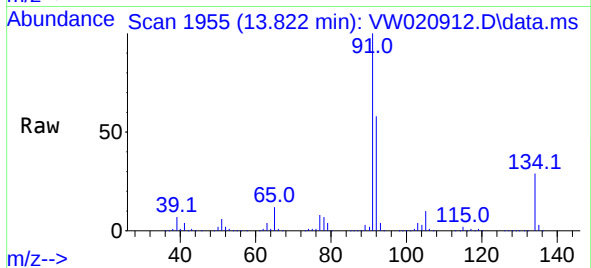
Tgt Ion: 91 Resp: 51534

Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.5	79.4
134	27.2	13.6	40.8

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 155.048 ug/l

RT: 14.091 min Scan# 1999

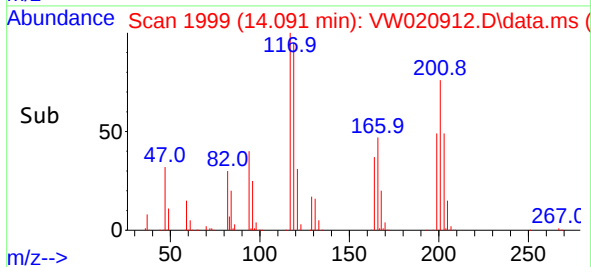
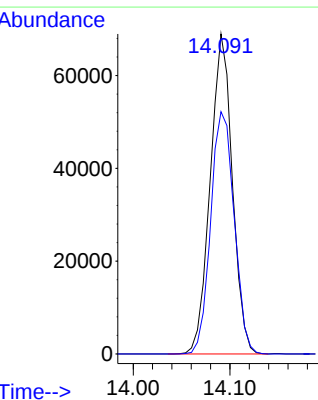
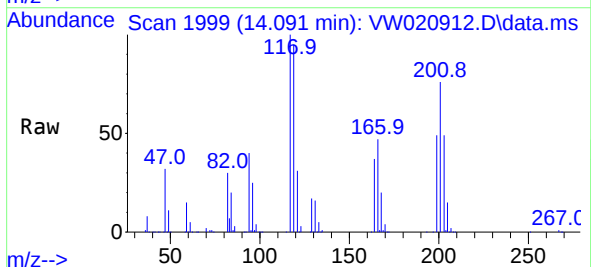
Delta R.T. 0.000 min

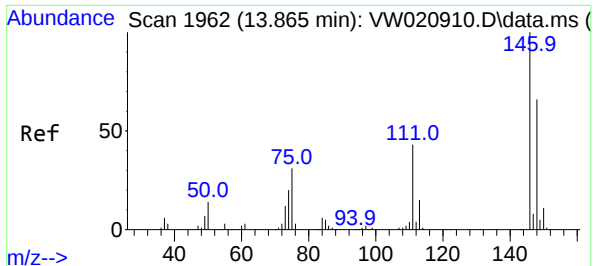
Lab File: VW020912.D

Acq: 17 Nov 2021 17:46

Tgt Ion:117 Resp: 109277

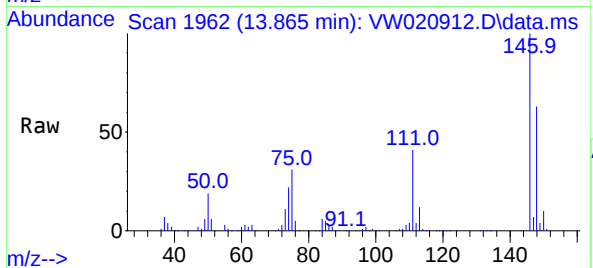
Ion	Ratio	Lower	Upper
117	100		
201	80.3	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 139.025 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

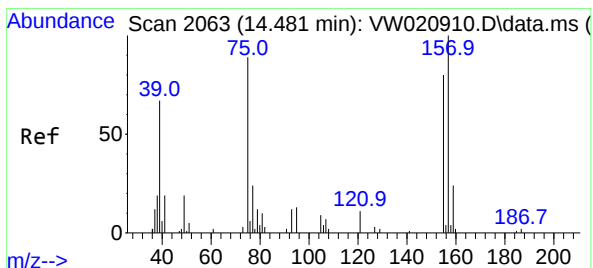
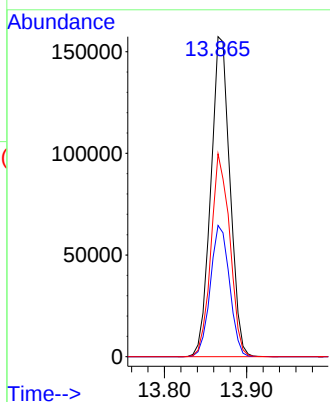
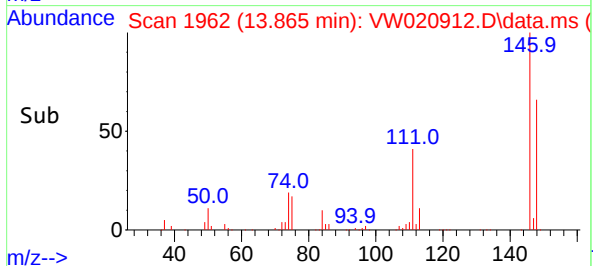
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



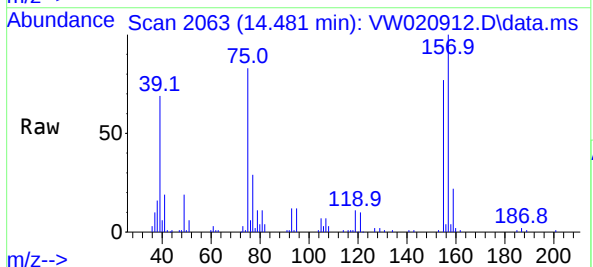
Tgt Ion:146 Resp: 25430
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 62.3 32.6 97.8

Manual Integrations
APPROVED

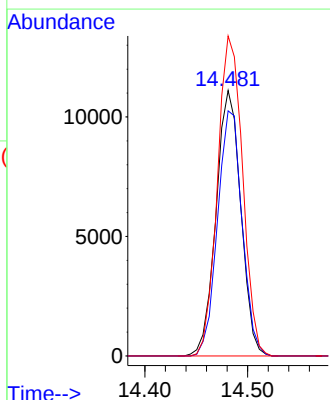
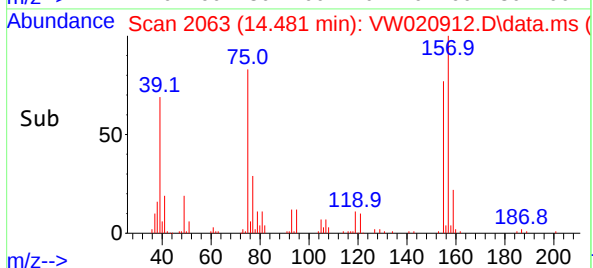
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

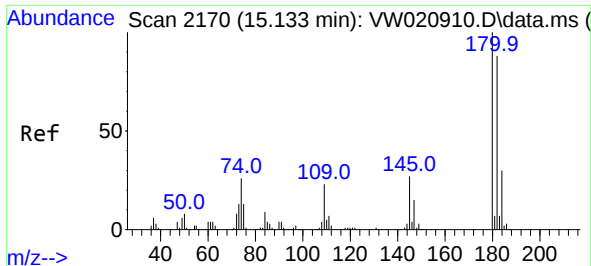


#92
1,2-Dibromo-3-Chloropropane
Concen: 134.446 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



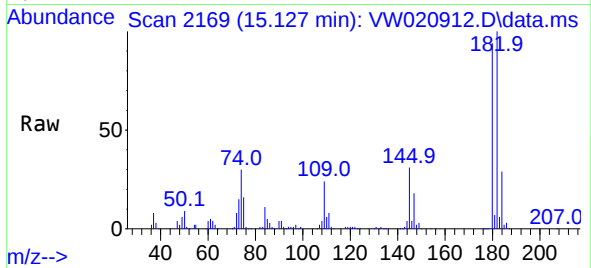
Tgt Ion: 75 Resp: 18569
Ion Ratio Lower Upper
75 100
155 91.5 45.9 137.6
157 122.1 57.8 173.4





#93
1,2,4-Trichlorobenzene
Concen: 142.539 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

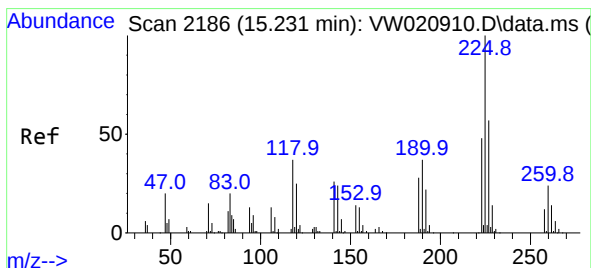
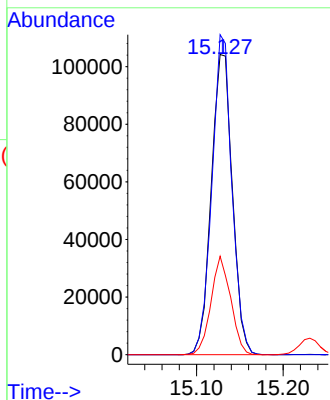
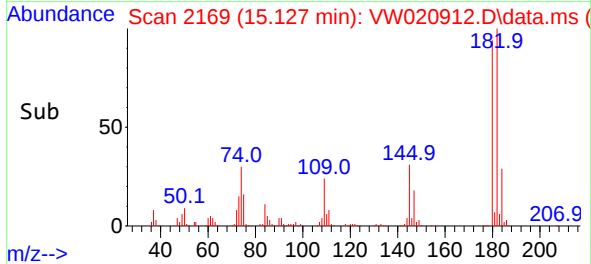
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



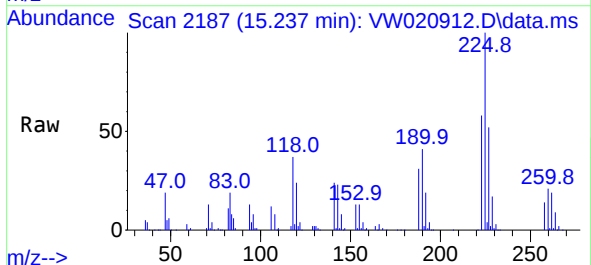
Tgt Ion:180 Resp: 176339
Ion Ratio Lower Upper
180 100
182 100.8 46.5 139.3
145 30.7 15.0 45.1

Manual Integrations
APPROVED

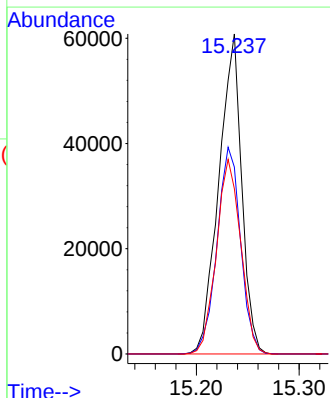
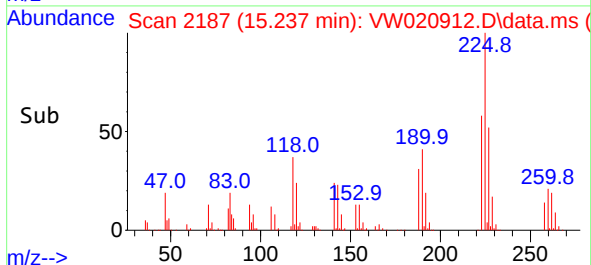
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

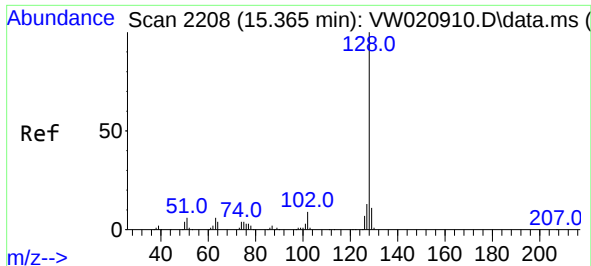


#94
Hexachlorobutadiene
Concen: 120.045 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



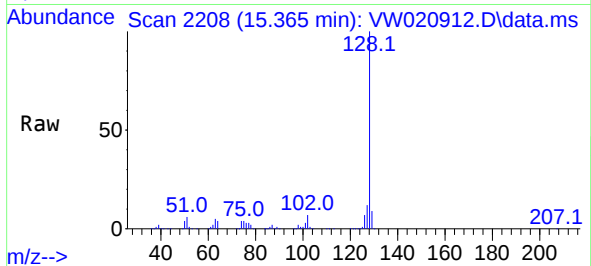
Tgt Ion:225 Resp: 94112
Ion Ratio Lower Upper
225 100
223 66.5 31.1 93.3
227 64.4 32.8 98.3





#95
Naphthalene
Concen: 156.742 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46

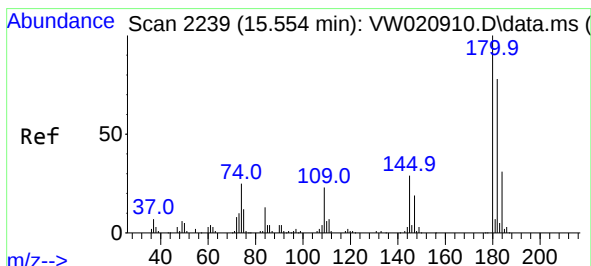
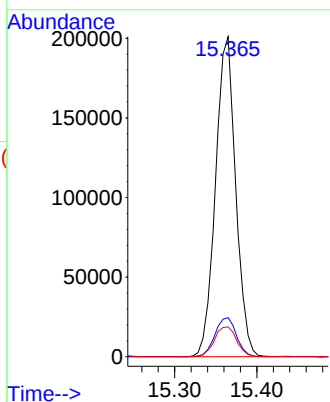
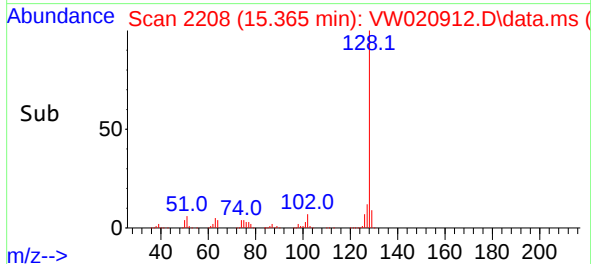
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



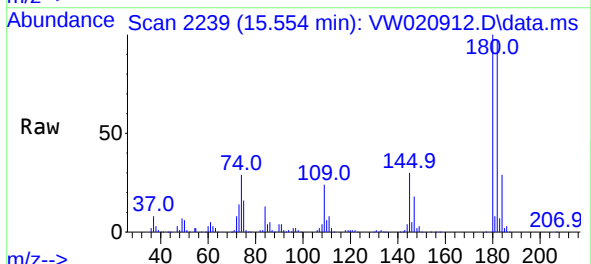
Tgt Ion:128 Resp: 342968
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.3 8.6 13.0

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 140.828 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020912.D
Acq: 17 Nov 2021 17:46



Tgt Ion:180 Resp: 157112
Ion Ratio Lower Upper
180 100
182 94.8 46.2 138.6
145 31.7 14.9 44.5

