

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020913.D
 Acq On : 17 Nov 2021 19:46
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111721

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 05:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	85491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	125449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	113678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	62503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	39897	50.381	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.885	113	39435	50.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.323	98	141622	49.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.615	95	54910	51.017	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	10470	51.454	ug/l	95
3) Chloromethane	2.209	50	25371	51.552	ug/l	99
4) Vinyl Chloride	2.355	62	44143	50.938	ug/l	99
5) Bromomethane	2.764	94	30795	55.208	ug/l	97
6) Chloroethane	2.910	64	17448	52.235	ug/l	100
7) Trichlorofluoromethane	3.251	101	17081	47.524	ug/l	96
8) Diethyl Ether	3.684	74	19941	52.825	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	37673	50.809	ug/l	98
10) Methyl Iodide	4.263	142	55505	49.631	ug/l	100
11) Tert butyl alcohol	5.172	59	20466	293.345	ug/l #	93
12) 1,1-Dichloroethene	4.038	96	35743	49.195	ug/l	97
13) Acrolein	3.891	56	3416	268.465	ug/l	93
14) Allyl chloride	4.666	41	52779	50.597	ug/l	99
15) Acrylonitrile	5.361	53	42551	260.533	ug/l	99
16) Acetone	4.117	43	42569	258.599	ug/l	99
17) Carbon Disulfide	4.379	76	101633	50.904	ug/l	99
18) Methyl Acetate	4.666	43	29594	51.522	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	64588	51.586	ug/l	94
20) Methylene Chloride	4.916	84	40284	50.611	ug/l	96
21) trans-1,2-Dichloroethene	5.422	96	42124	50.930	ug/l	96
22) Diisopropyl ether	6.312	45	110509	51.633	ug/l	99
23) Vinyl Acetate	6.251	43	329511	263.088	ug/l	100
24) 1,1-Dichloroethane	6.214	63	69766	51.236	ug/l	99
25) 2-Butanone	7.171	43	59492	254.461	ug/l	93
26) 2,2-Dichloropropane	7.165	77	44871	46.441	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	47517	51.427	ug/l	99
28) Bromochloromethane	7.513	49	29570	51.319	ug/l	98
29) Tetrahydrofuran	7.531	42	37802	266.617	ug/l	99
30) Chloroform	7.677	83	77175	51.517	ug/l	98
31) Cyclohexane	7.952	56	61271	46.379	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	64574	51.050	ug/l	100
36) 1,1-Dichloropropene	8.080	75	57676	51.177	ug/l	99
37) Ethyl Acetate	7.251	43	26259	51.082	ug/l	99
38) Carbon Tetrachloride	8.067	117	61359	51.182	ug/l	97
39) Methylcyclohexane	9.336	83	71691	50.666	ug/l	98
40) Benzene	8.324	78	163135	50.768	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	13014	47.482	ug/l #	82
42) 1,2-Dichloroethane	8.397	62	50827	52.144	ug/l	100
43) Isopropyl Acetate	8.421	43	54243	53.768	ug/l	99
44) Trichloroethene	9.092	130	47877	51.066	ug/l	92
45) 1,2-Dichloropropane	9.366	63	38824	52.463	ug/l	95
46) Dibromomethane	9.457	93	25240	53.833	ug/l	94
47) Bromodichloromethane	9.646	83	58148	52.420	ug/l	98
48) Methyl methacrylate	9.433	41	23554	52.485	ug/l	99
49) 1,4-Dioxane	9.445	88	7214	1067.792	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	136876	266.479	ug/l	99
52) Toluene	10.384	92	106161	51.396	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	58462	53.080	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	65755	52.757	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	32975	52.459	ug/l	94
56) Ethyl methacrylate	10.646	69	43134	53.889	ug/l	99
57) 1,3-Dichloropropane	10.933	76	54576	51.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	106080	263.338	ug/l	99
59) 2-Hexanone	10.963	43	96588	270.315	ug/l	100
60) Dibromochloromethane	11.128	129	42367	53.462	ug/l	98
61) 1,2-Dibromoethane	11.232	107	33040	52.977	ug/l	97
64) Tetrachloroethene	10.866	164	43195	51.145	ug/l #	83
65) Chlorobenzene	11.658	112	116440	50.947	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.731	131	43801	51.542	ug/l	96
67) Ethyl Benzene	11.731	91	211465	52.724	ug/l	95
68) m/p-Xylenes	11.835	106	165195	101.878	ug/l	99
69) o-Xylene	12.164	106	79638	52.376	ug/l	97
70) Styrene	12.177	104	134120	52.520	ug/l	98
71) Bromoform	12.347	173	25563	52.040	ug/l #	97
73) Isopropylbenzene	12.463	105	212795	49.821	ug/l	98
74) N-amyl acetate	12.268	43	53684	52.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	37748	50.658	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	28934m	51.523	ug/l	
77) Bromobenzene	12.743	156	51786	49.917	ug/l	99
78) n-propylbenzene	12.804	91	249583	49.612	ug/l	100
79) 2-Chlorotoluene	12.890	91	145544	50.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	181854	49.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	12241	51.275	ug/l	99
82) 4-Chlorotoluene	12.987	91	152674	49.515	ug/l	98
83) tert-Butylbenzene	13.207	119	165644	50.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	178906	49.464	ug/l	97
85) sec-Butylbenzene	13.378	105	231661	49.173	ug/l	99
86) p-Isopropyltoluene	13.493	119	199699	49.170	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	106147	50.484	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	103871	49.161	ug/l	98
89) n-Butylbenzene	13.823	91	188256	51.623	ug/l	98
90) Hexachloroethane	14.091	117	38379	50.176	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	93284	50.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6924	52.914	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	68209	51.820	ug/l	98
94) Hexachlorobutadiene	15.237	225	34703	46.491	ug/l	98
95) Naphthalene	15.359	128	123673	50.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	58085	50.044	ug/l	98

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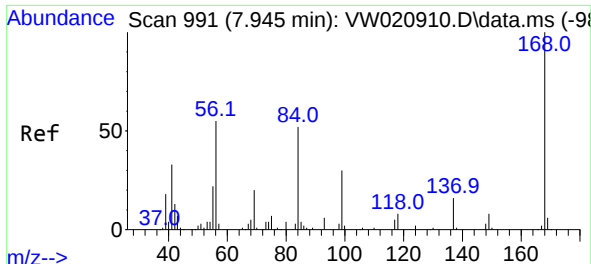
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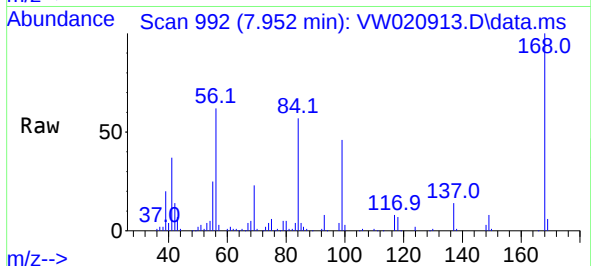
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
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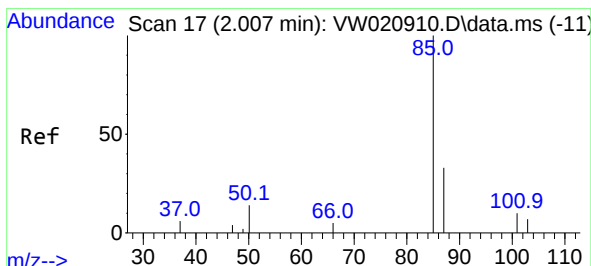
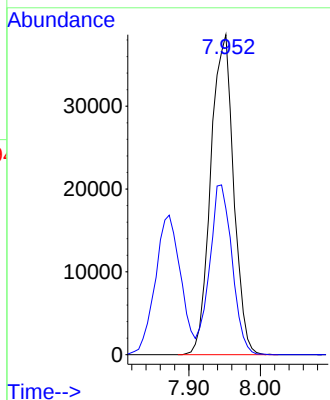
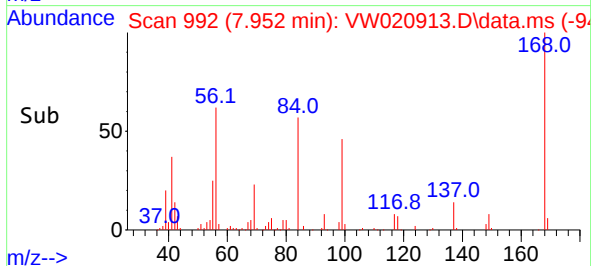
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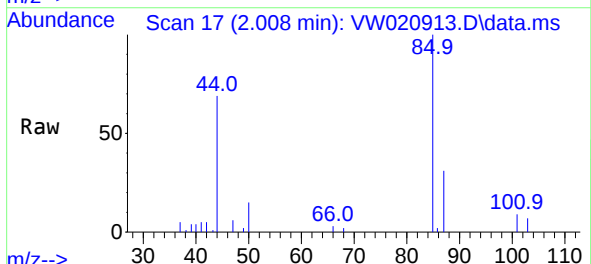
Tgt Ion:168 Resp: 8549
Ion Ratio Lower Upper
168 100
99 45.7 41.6 62.4

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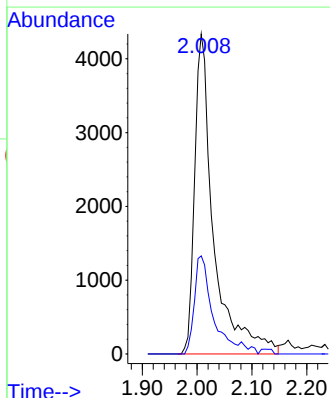
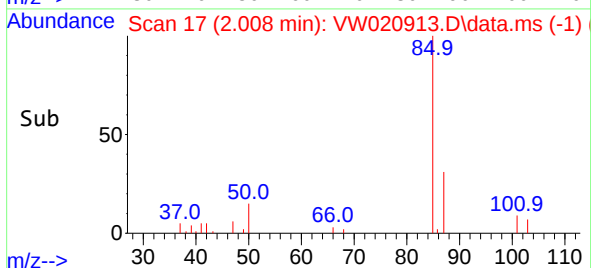
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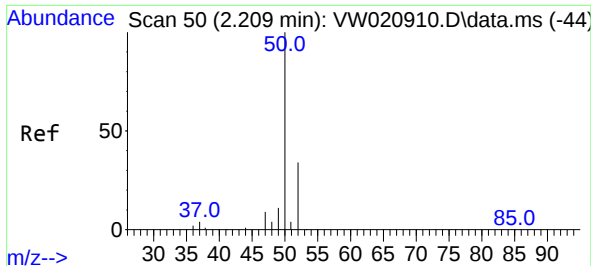


#2
Dichlorodifluoromethane
Concen: 51.454 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.001 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



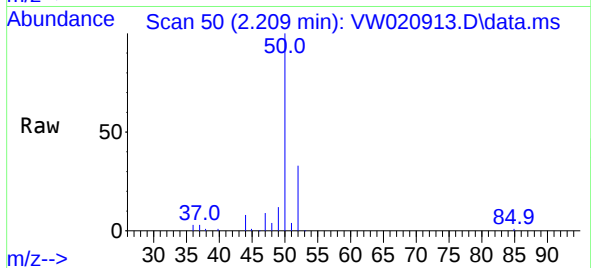
Tgt Ion: 85 Resp: 10470
Ion Ratio Lower Upper
85 100
87 30.6 16.8 50.3





#3
Chloromethane
Concen: 51.552 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

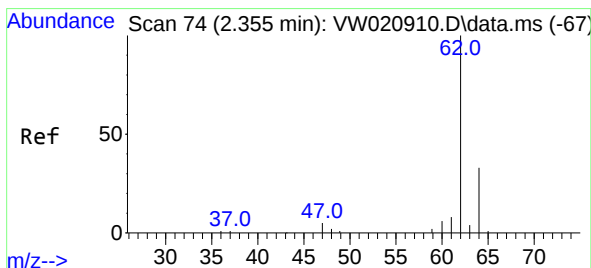
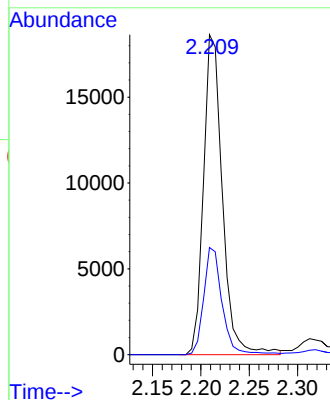
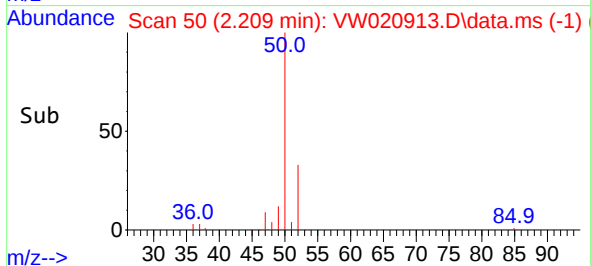
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Tgt Ion: 50 Resp: 2537
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8

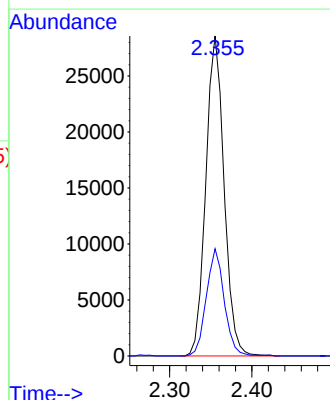
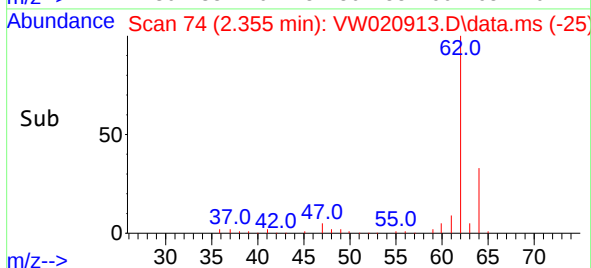
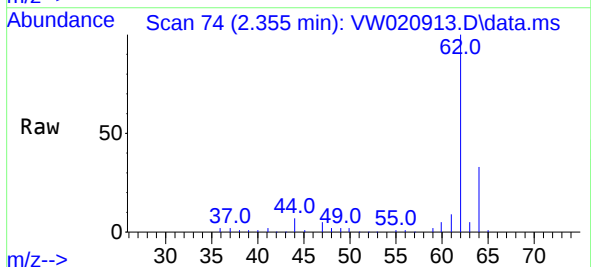
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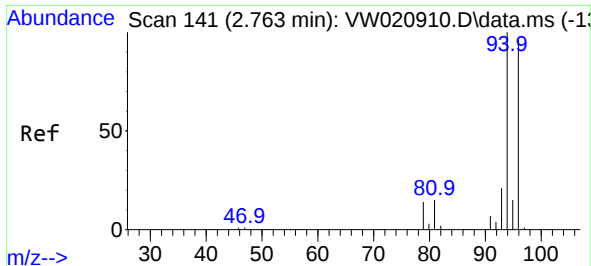
Reviewed By :Vimala Arumugam 11/18/2021
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#4
Vinyl Chloride
Concen: 50.938 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

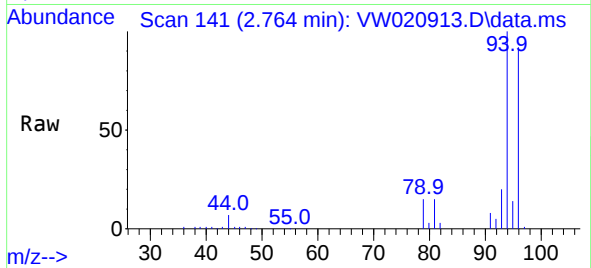
Tgt Ion: 62 Resp: 44143
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.4





#5
Bromomethane
Concen: 55.208 ug/l
RT: 2.764 min Scan# 141
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

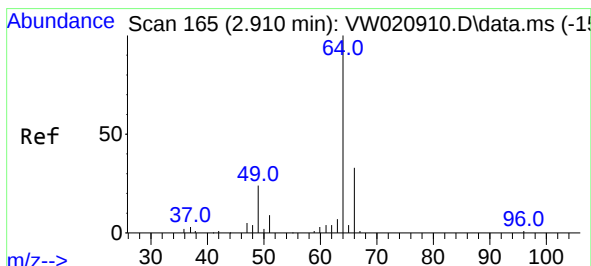
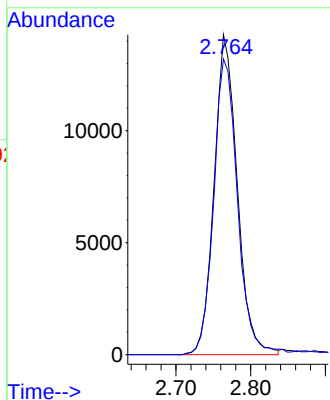
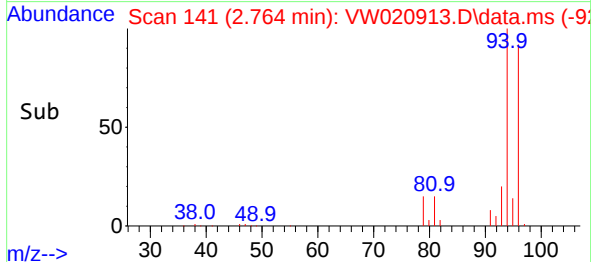
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Tgt Ion: 94 Resp: 3079
Ion Ratio Lower Upper
94 100
96 92.4 76.4 114.6

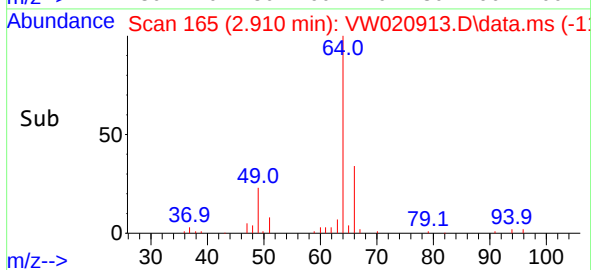
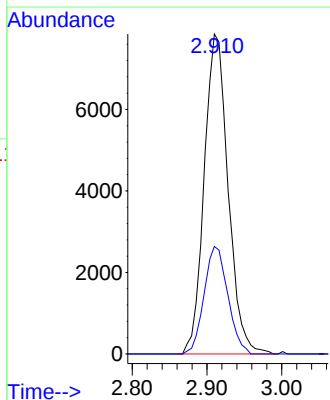
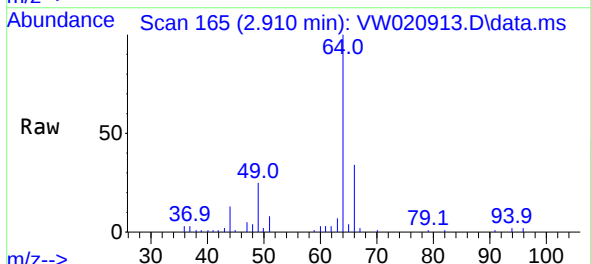
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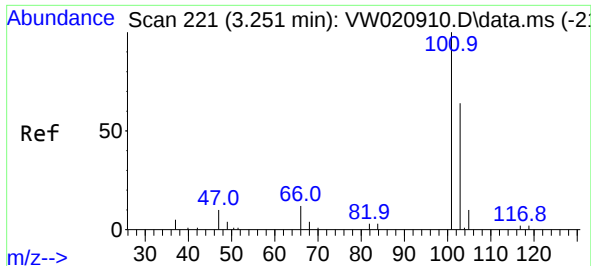
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#6
Chloroethane
Concen: 52.235 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020913.D
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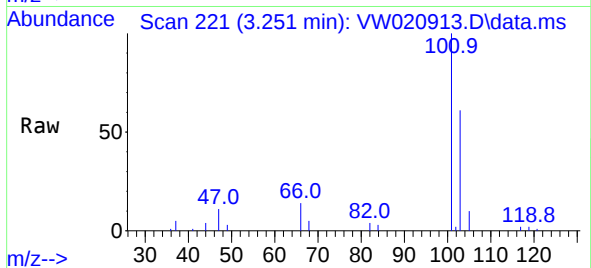
Tgt Ion: 64 Resp: 17448
Ion Ratio Lower Upper
64 100
66 33.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 47.524 ug/l
RT: 3.251 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW020913.D
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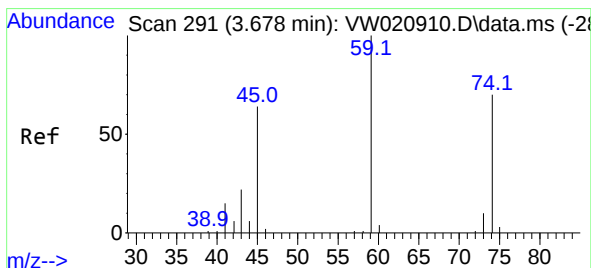
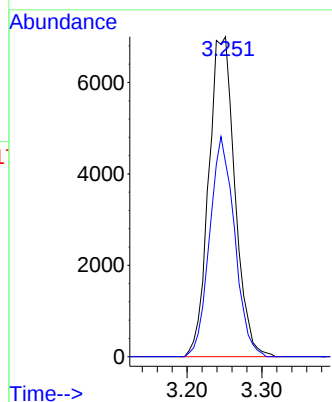
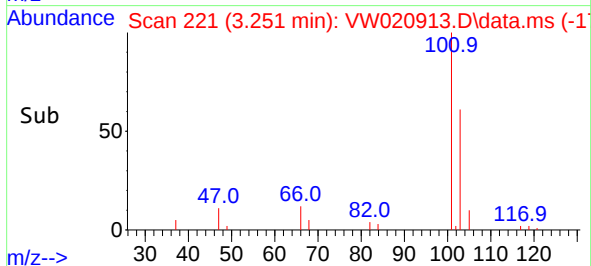
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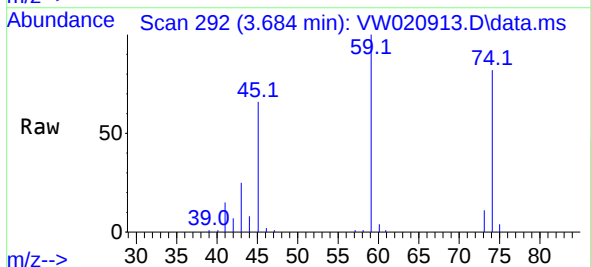
Tgt Ion:101 Resp: 1708
Ion Ratio Lower Upper
101 100
103 60.7 50.9 76.3

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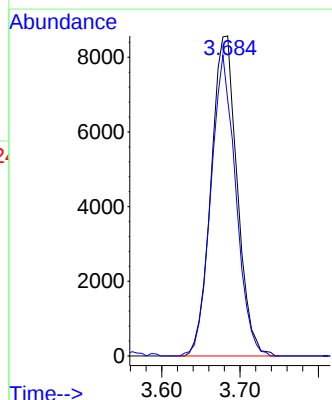
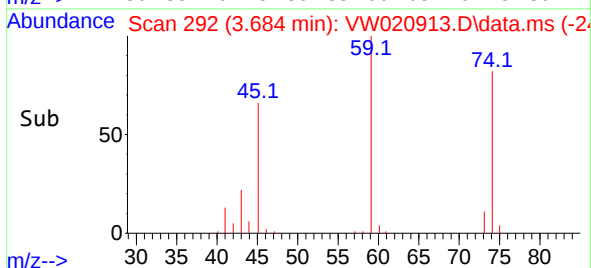
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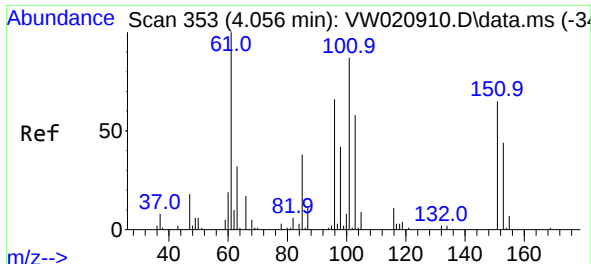


#8
Diethyl Ether
Concen: 52.825 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 19941
Ion Ratio Lower Upper
74 100
45 89.2 45.3 135.8





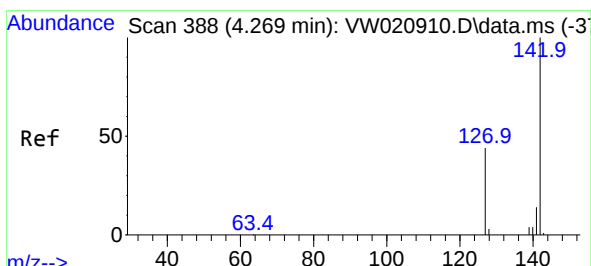
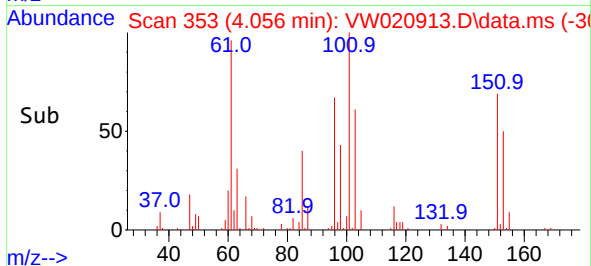
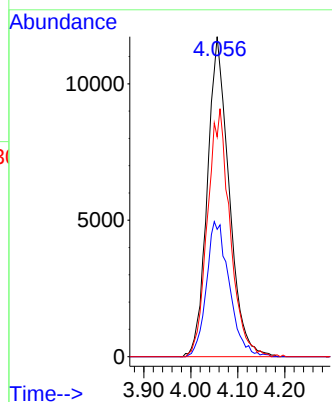
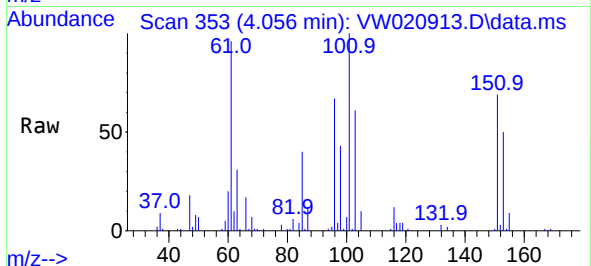
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.809 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion:101 Resp: 3767
Ion Ratio Lower Upper
101 100
85 44.5 36.6 54.8
151 80.5 66.3 99.5

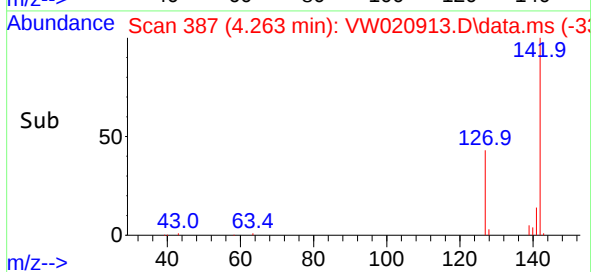
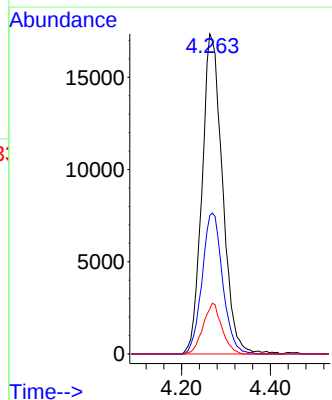
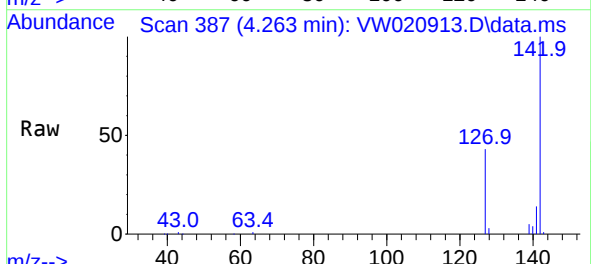
Manual Integrations
APPROVED

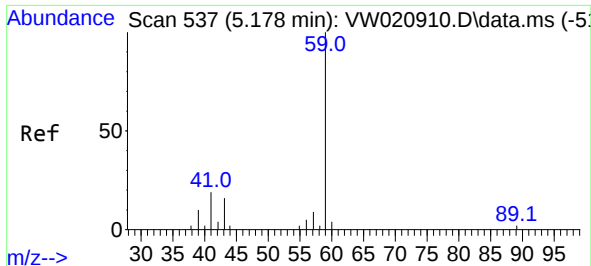
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 49.631 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

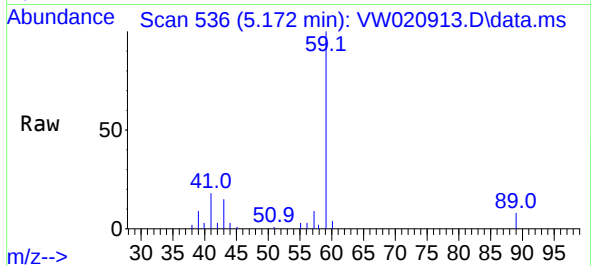
Tgt Ion:142 Resp: 55505
Ion Ratio Lower Upper
142 100
127 44.3 35.5 53.3
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 293.345 ug/l
RT: 5.172 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

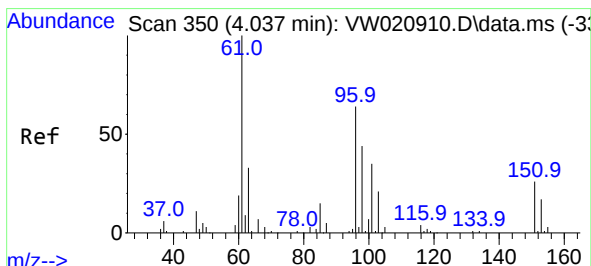
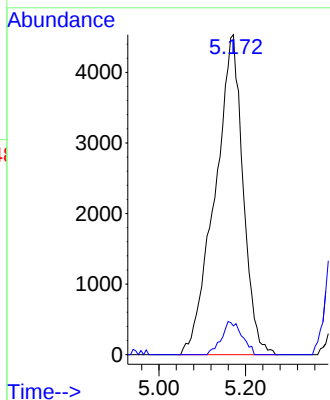
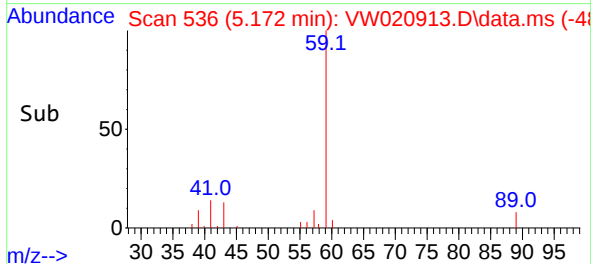
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



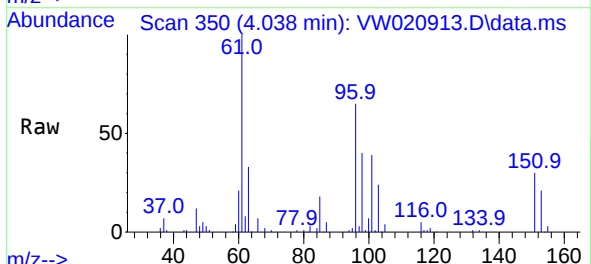
Tgt Ion: 59 Resp: 2046
Ion Ratio Lower Upper
59 100
57 7.6 4.3 6.5

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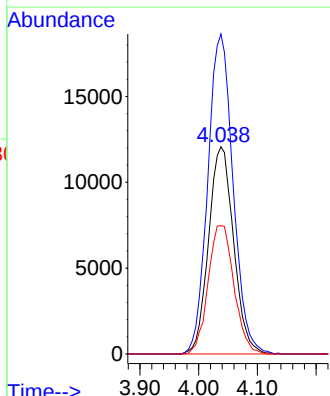
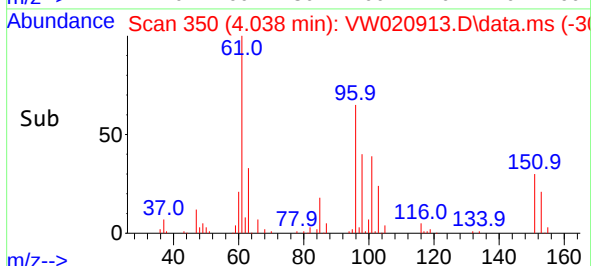
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

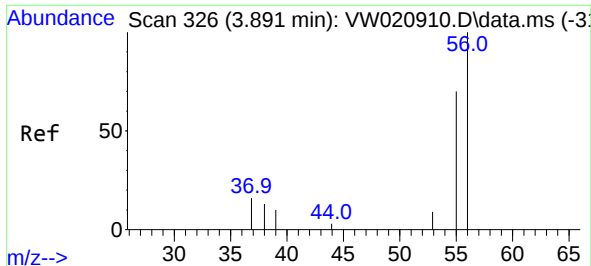


#12
1,1-Dichloroethene
Concen: 49.195 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



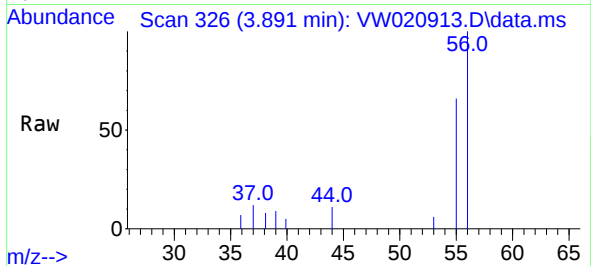
Tgt Ion: 96 Resp: 35743
Ion Ratio Lower Upper
96 100
61 154.4 124.4 186.6
98 62.0 54.2 81.2





#13
Acrolein
Concen: 268.465 ug/l
RT: 3.891 min Scan# 326
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

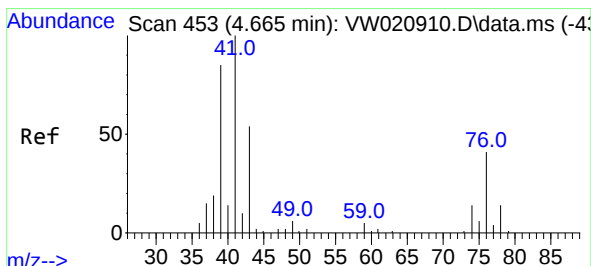
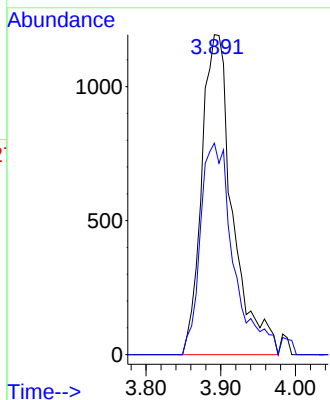
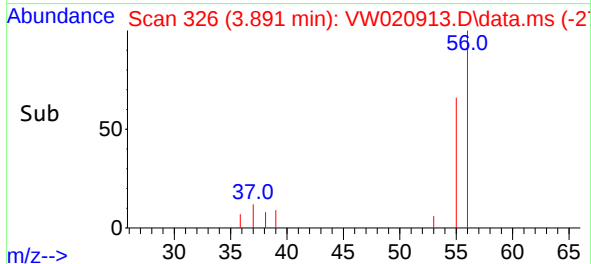
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



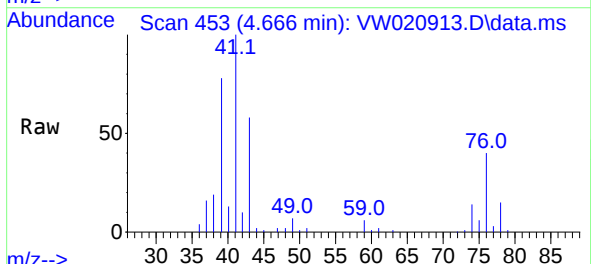
Tgt Ion: 56 Resp: 3410
Ion Ratio Lower Upper
56 100
55 70.8 61.2 91.8

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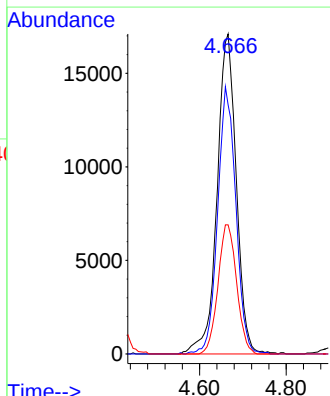
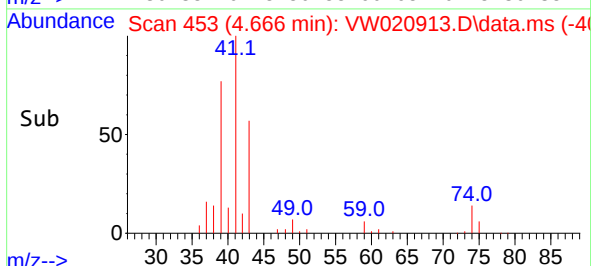
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

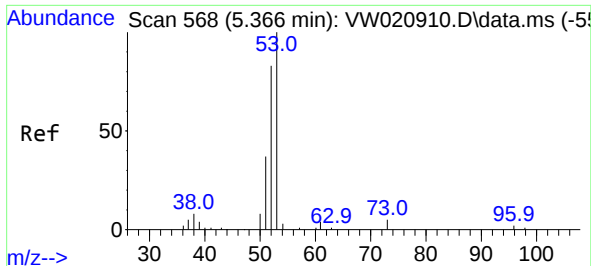


#14
Allyl chloride
Concen: 50.597 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



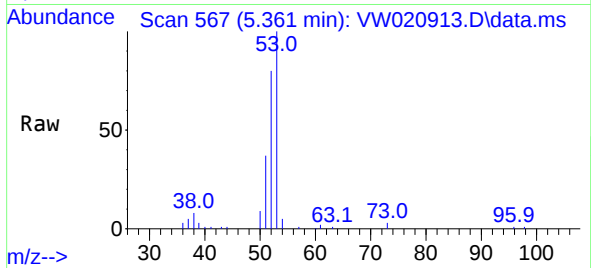
Tgt Ion: 41 Resp: 52779
Ion Ratio Lower Upper
41 100
39 79.1 63.4 95.2
76 39.2 32.2 48.4





#15
Acrylonitrile
Concen: 260.533 ug/l
RT: 5.361 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

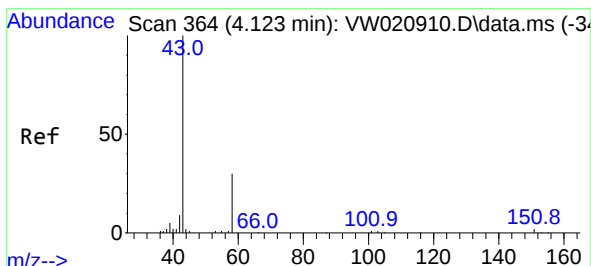
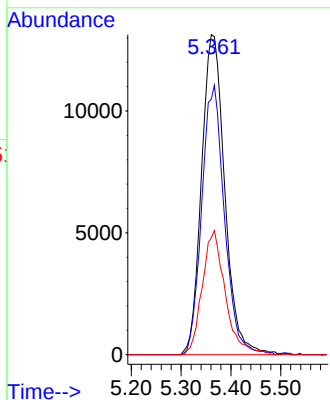
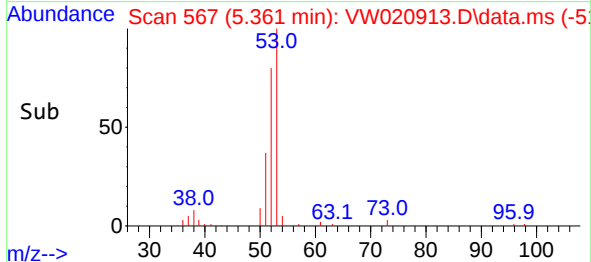
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



Tgt Ion: 53 Resp: 4255
Ion Ratio Lower Upper
53 100
52 82.2 65.9 98.9
51 38.5 29.8 44.6

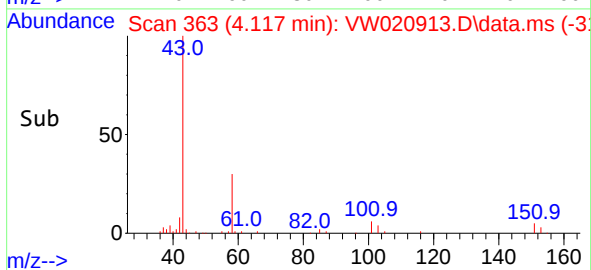
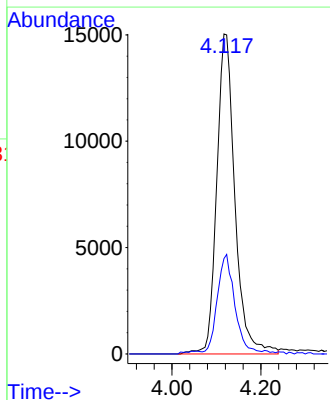
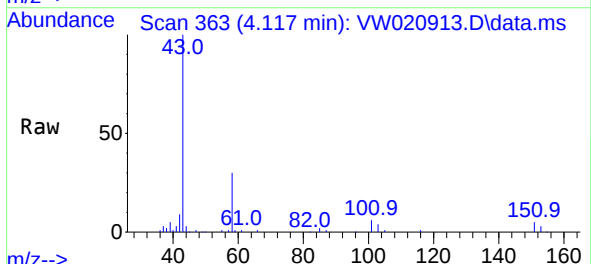
Manual Integrations
APPROVED

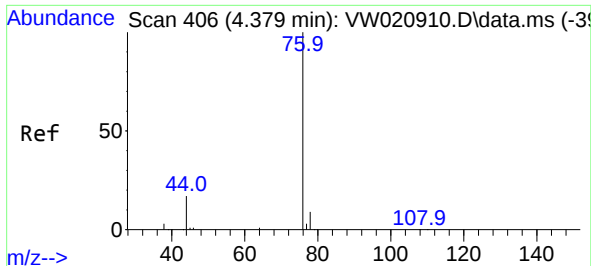
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 258.599 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

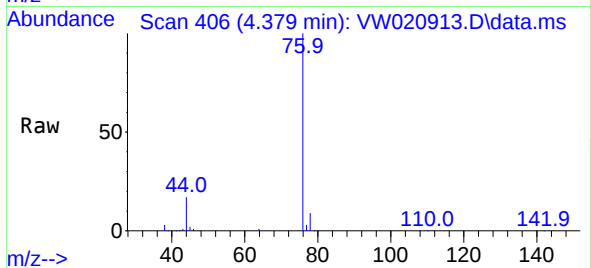
Tgt Ion: 43 Resp: 42569
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.2





#17
Carbon Disulfide
Concen: 50.904 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

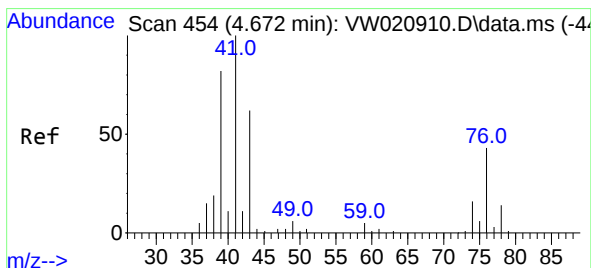
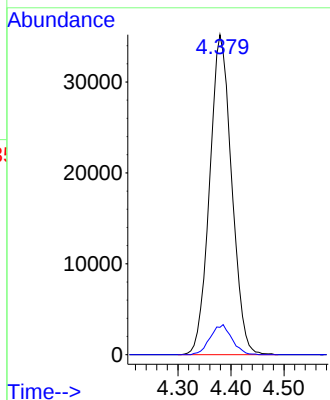
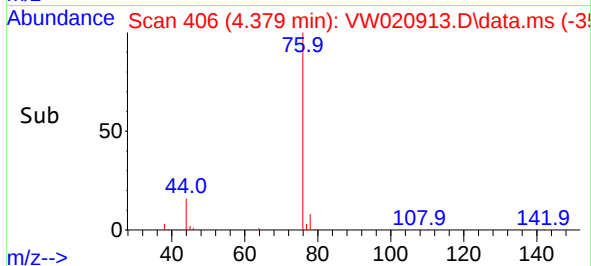
Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721



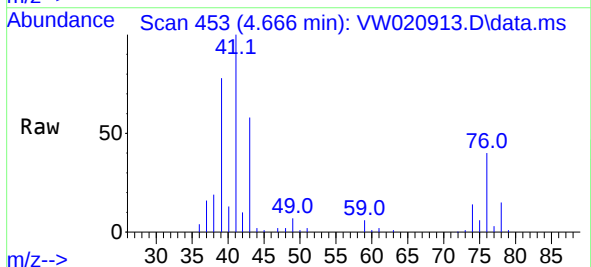
Tgt Ion: 76 Resp: 101633
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

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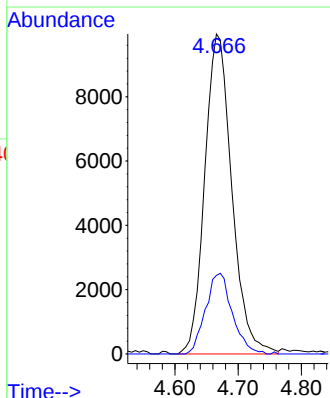
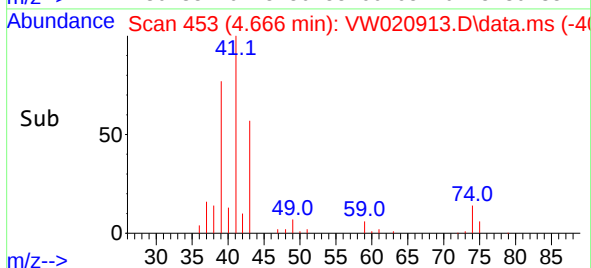
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

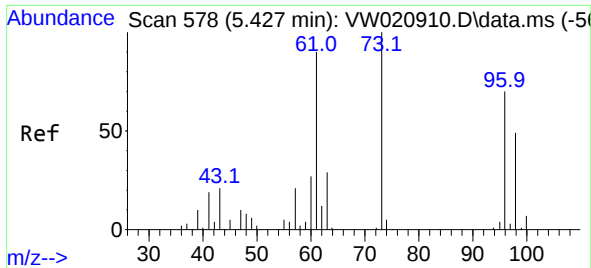


#18
Methyl Acetate
Concen: 51.522 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion: 43 Resp: 29594
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5





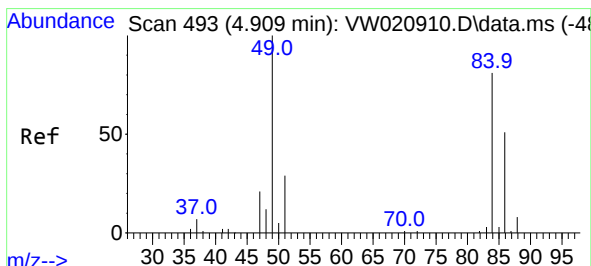
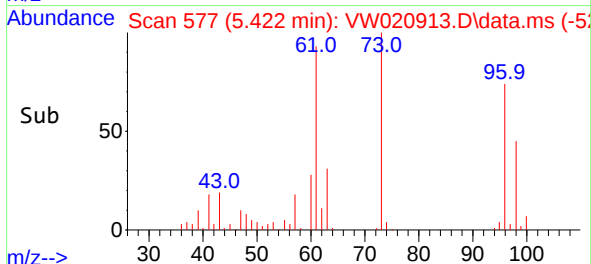
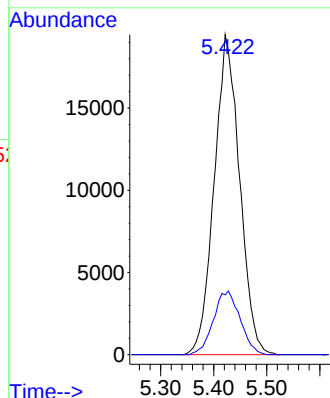
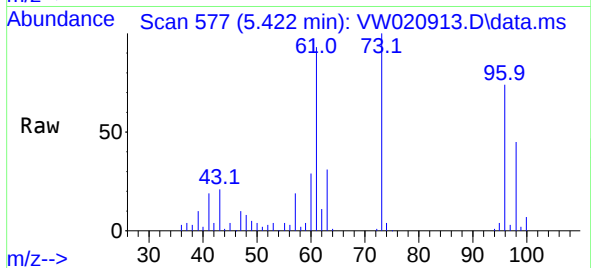
#19
Methyl tert-butyl Ether
Concen: 51.586 ug/l
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 73 Resp: 6458
Ion Ratio Lower Upper
73 100
57 18.7 17.0 25.6

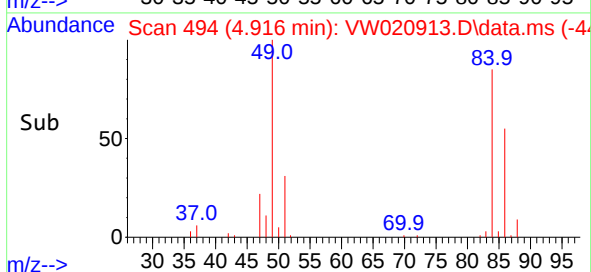
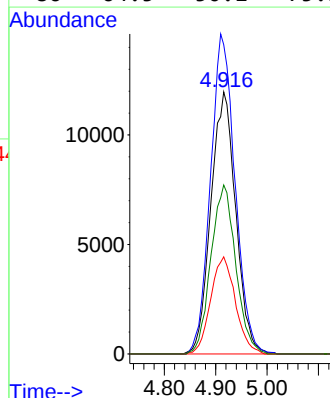
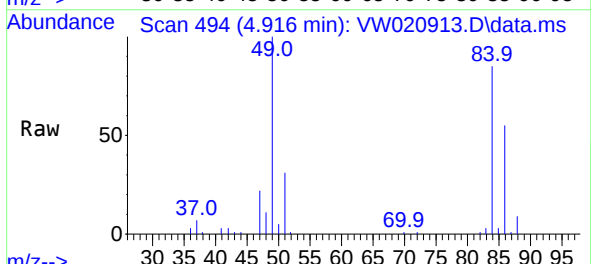
Manual Integrations
APPROVED

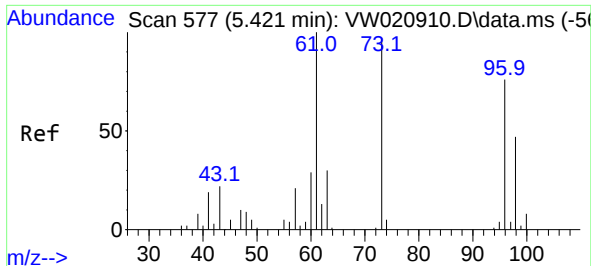
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 50.611 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

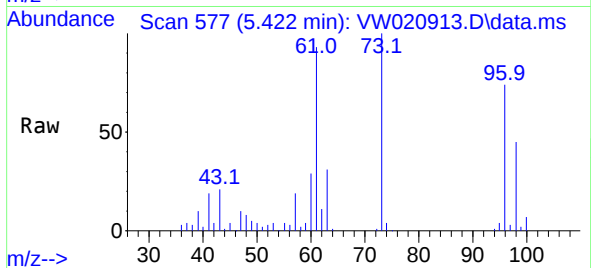
Tgt Ion: 84 Resp: 40284
Ion Ratio Lower Upper
84 100
49 118.0 99.1 148.7
51 37.1 28.8 43.2
86 64.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.930 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

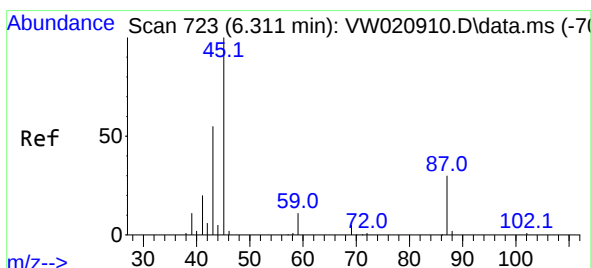
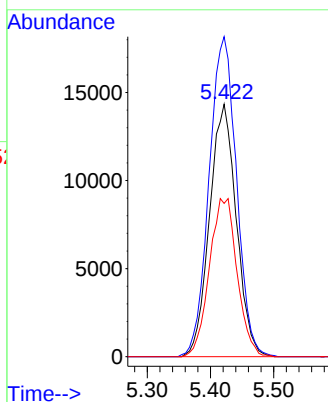
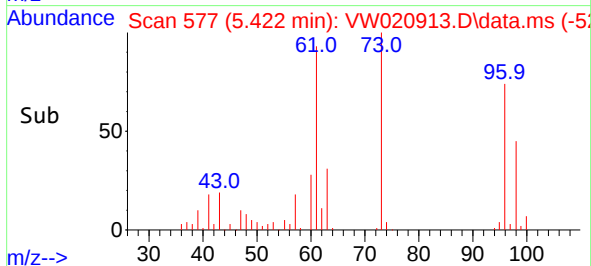
Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721



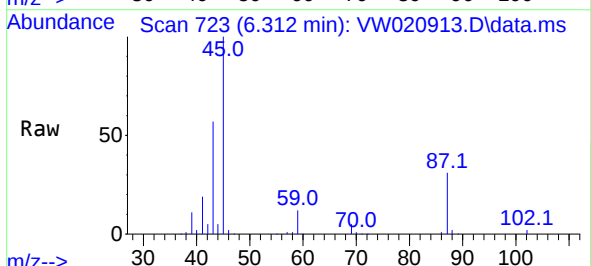
Tgt Ion: 96 Resp: 42124
Ion Ratio Lower Upper
96 100
61 126.8 105.7 158.5
98 60.7 49.7 74.5

Manual Integrations
APPROVED

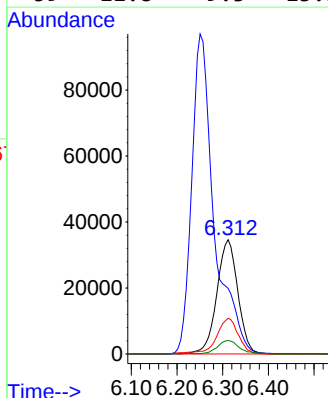
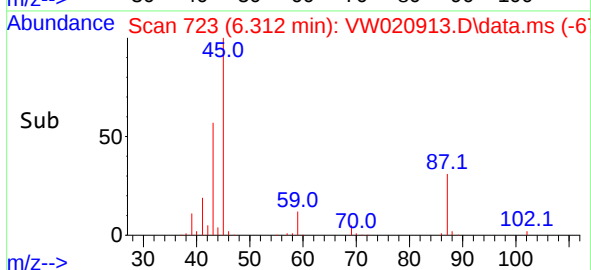
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

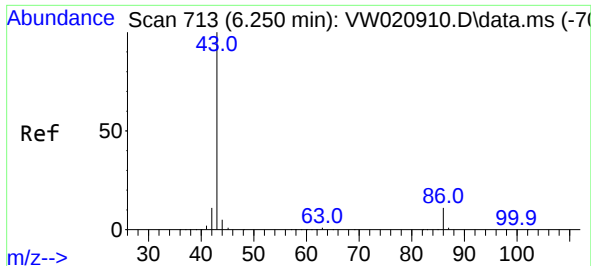


#22
Diisopropyl ether
Concen: 51.633 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



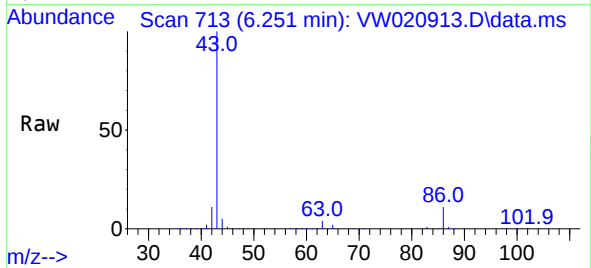
Tgt Ion: 45 Resp: 110509
Ion Ratio Lower Upper
45 100
43 57.1 46.2 69.4
87 31.3 25.0 37.6
59 11.8 9.3 13.9





#23
 Vinyl Acetate
 Concen: 263.088 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW020913.D
 Acq: 17 Nov 2021 19:46

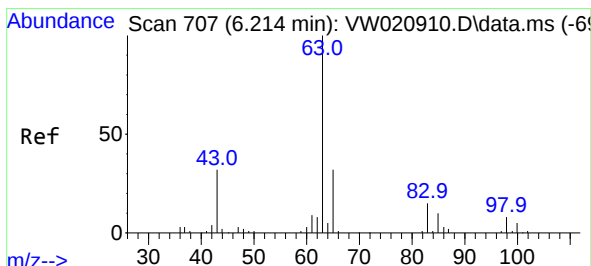
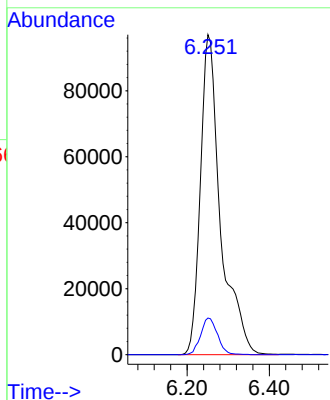
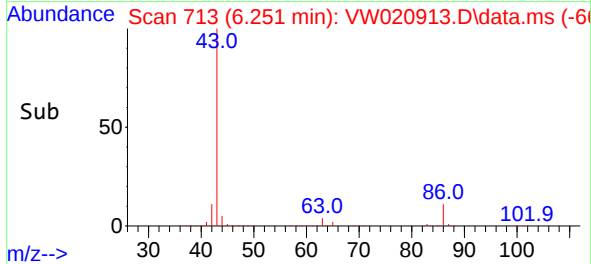
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW111721



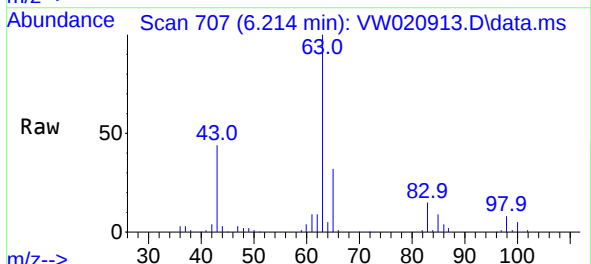
Tgt Ion: 43 Resp: 32951
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8

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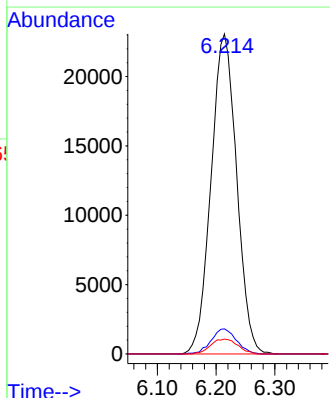
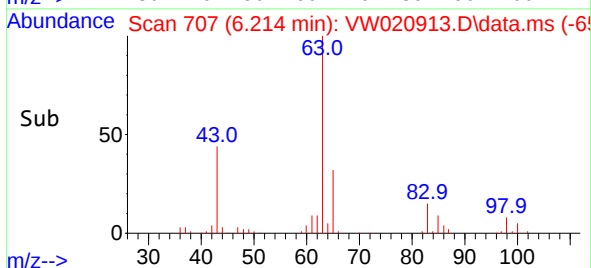
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

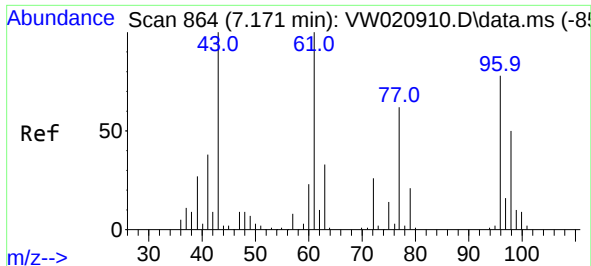


#24
 1,1-Dichloroethane
 Concen: 51.236 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020913.D
 Acq: 17 Nov 2021 19:46



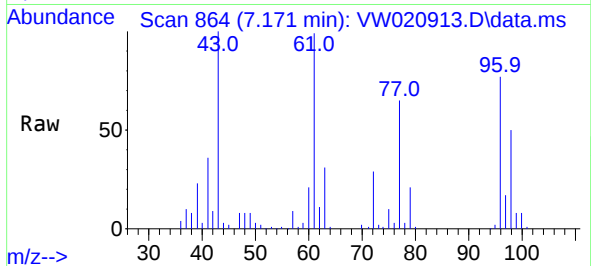
Tgt Ion: 63 Resp: 69766
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.7 2.6 8.0





#25
2-Butanone
Concen: 254.461 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

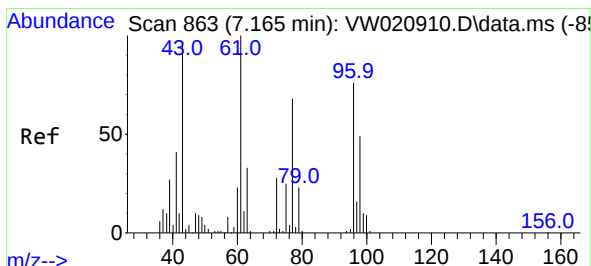
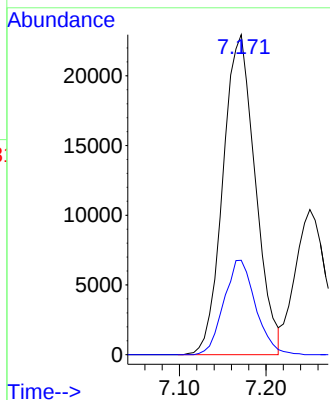
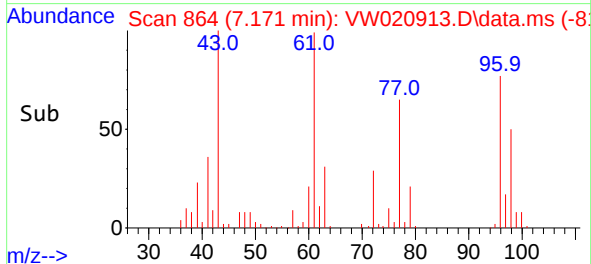
Instrument :
MSVOA_W
Client Sample Id :
ICVW111721



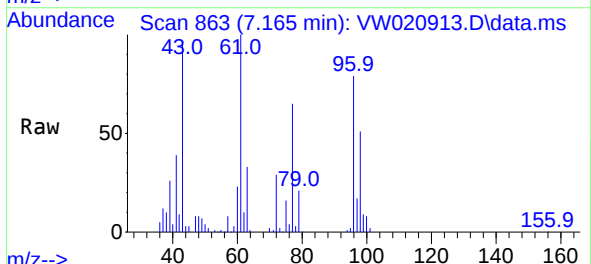
Tgt Ion: 43 Resp: 59492
Ion Ratio Lower Upper
43 100
72 29.5 20.7 31.1

Manual Integrations
APPROVED

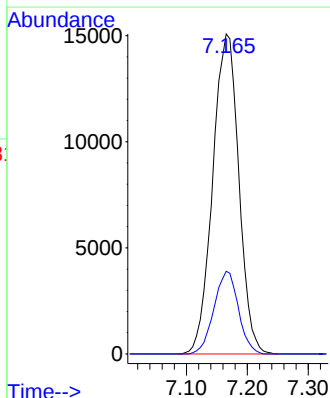
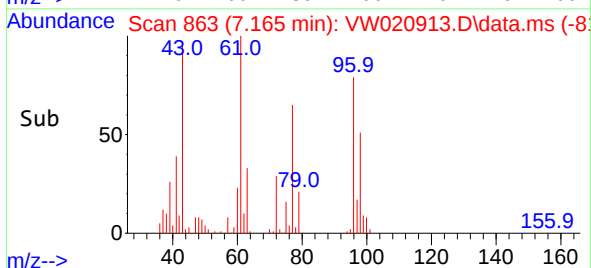
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

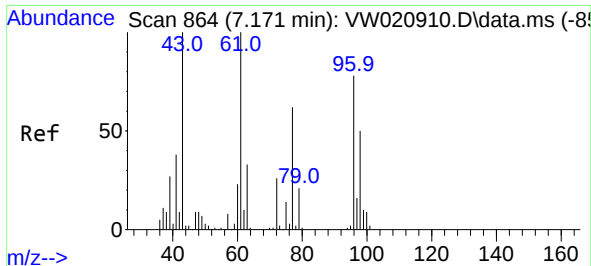


#26
2,2-Dichloropropane
Concen: 46.441 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



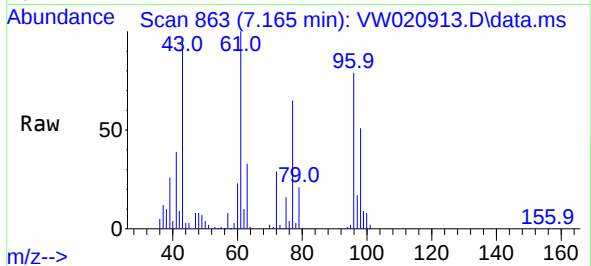
Tgt Ion: 77 Resp: 44871
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 51.427 ug/l
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

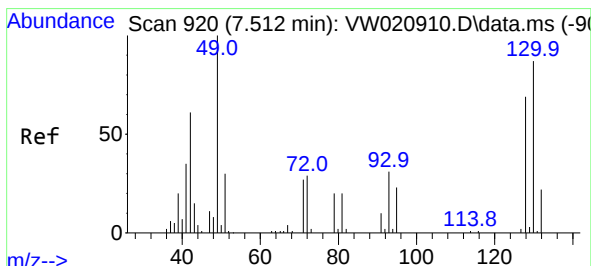
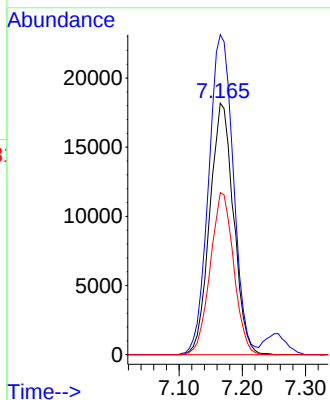
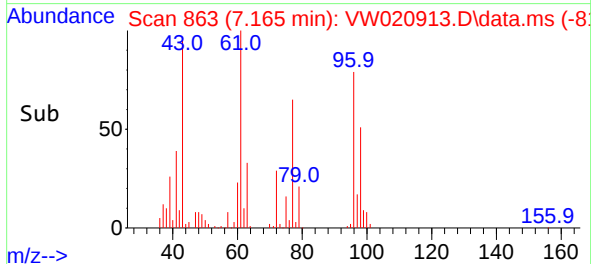
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



Tgt Ion: 96 Resp: 4751
Ion Ratio Lower Upper
96 100
61 132.4 0.0 266.6
98 63.4 0.0 129.4

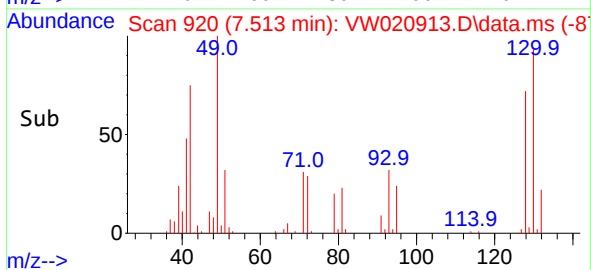
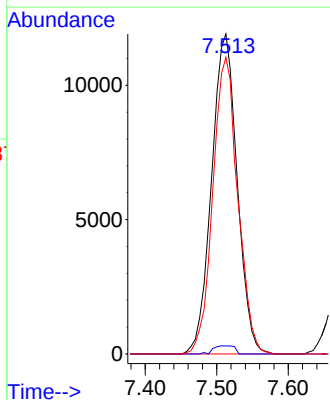
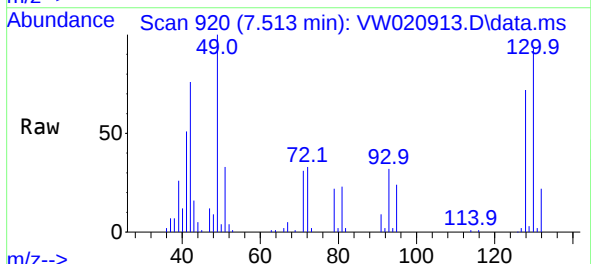
Manual Integrations
APPROVED

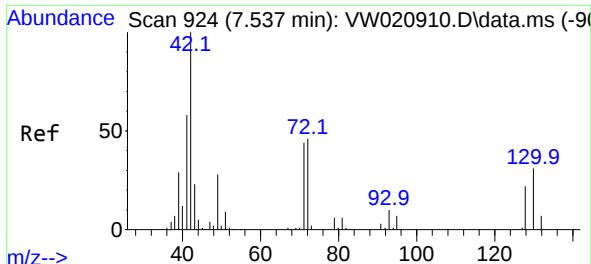
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 51.319 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 49 Resp: 29570
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 90.4 70.8 106.2





#29

Tetrahydrofuran

Concen: 266.617 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW111721

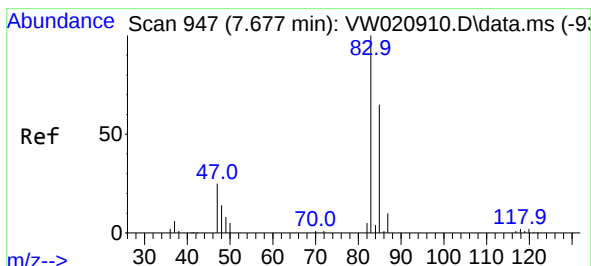
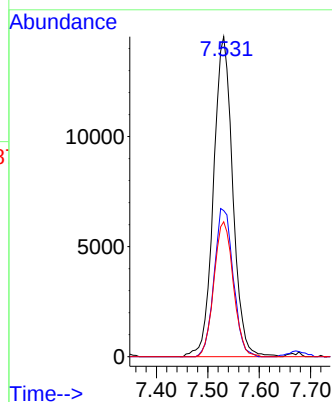
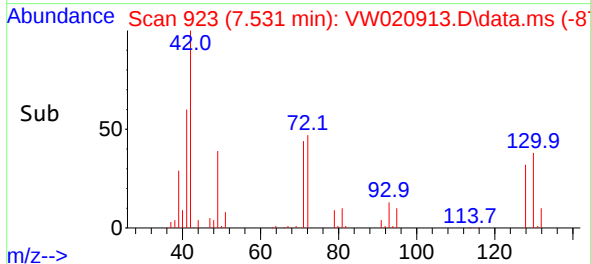
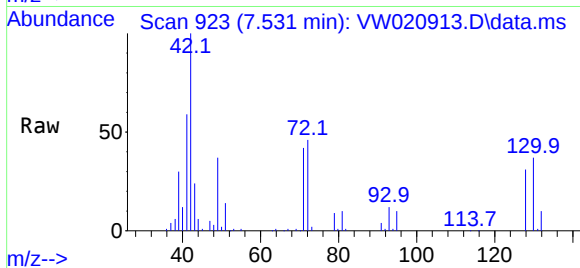
Tgt Ion: 42 Resp: 3780

Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.4	56.0
71	42.4	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: 51.517 ug/l

RT: 7.677 min Scan# 947

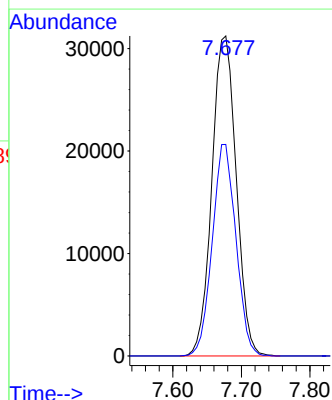
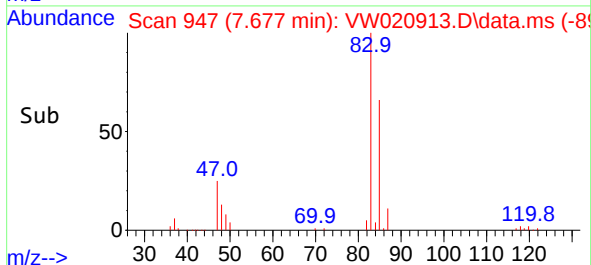
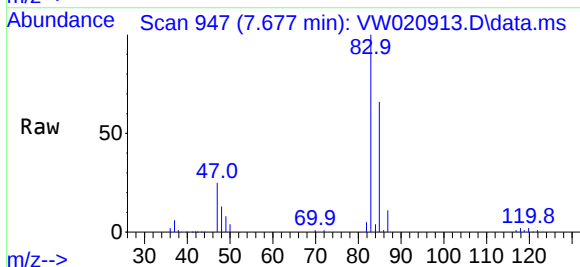
Delta R.T. 0.000 min

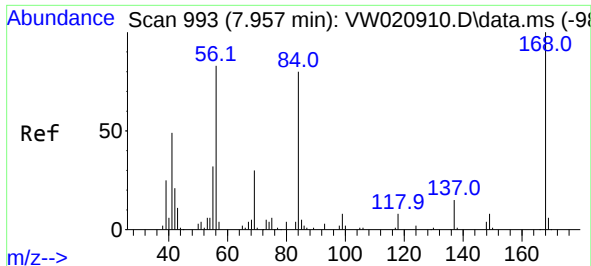
Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Tgt Ion: 83 Resp: 77175

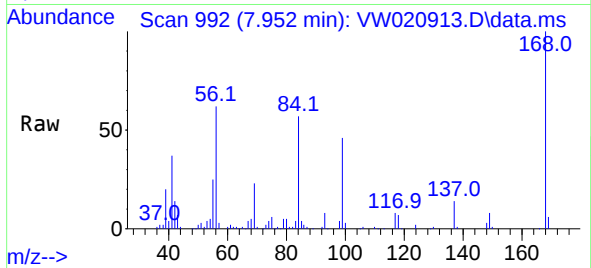
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.7	77.5





#31
Cyclohexane
Concen: 46.379 ug/l
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

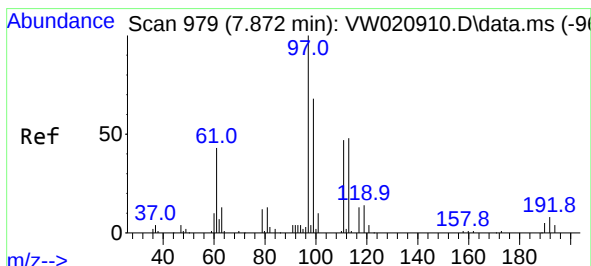
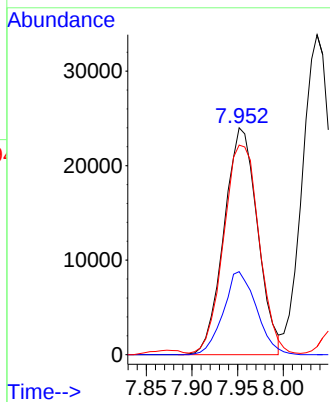
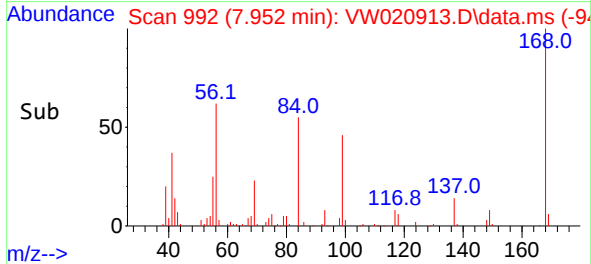
Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721



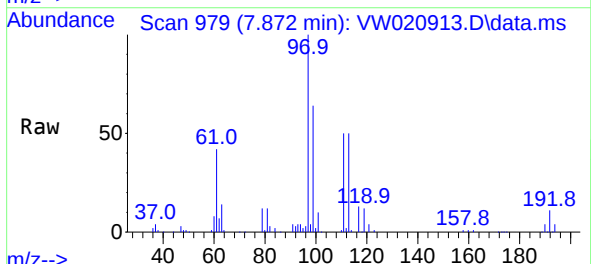
Tgt Ion: 56 Resp: 6127
Ion Ratio Lower Upper
56 100
69 36.6 28.7 43.1
84 90.6 77.6 116.4

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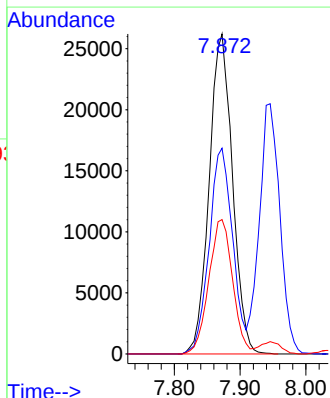
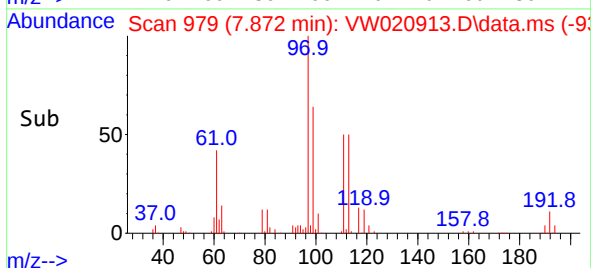
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

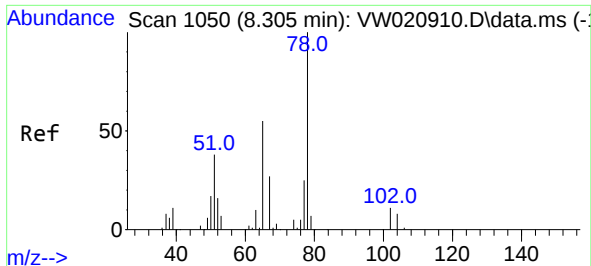


#32
1,1,1-Trichloroethane
Concen: 51.050 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion: 97 Resp: 64574
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 43.1 34.2 51.2





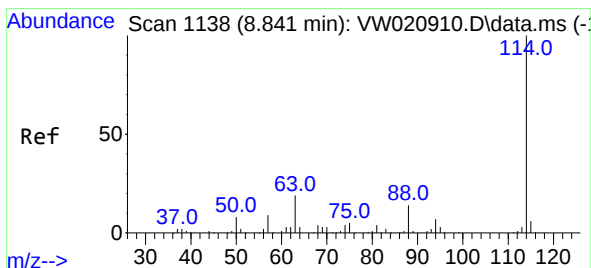
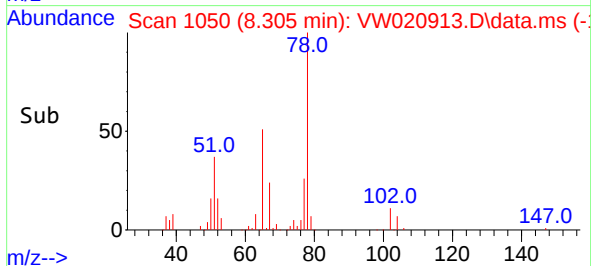
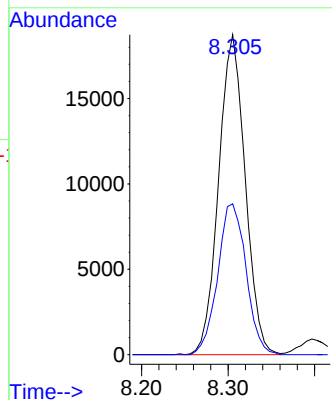
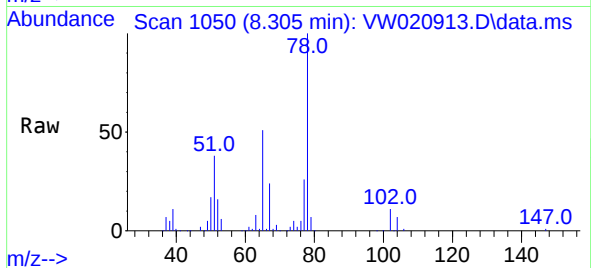
#33
1,2-Dichloroethane-d4
Concen: 50.381 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 65 Resp: 3989
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

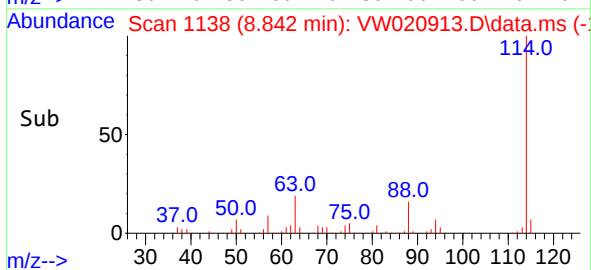
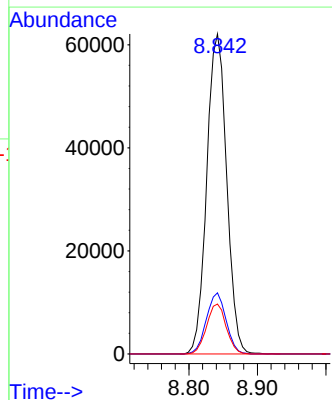
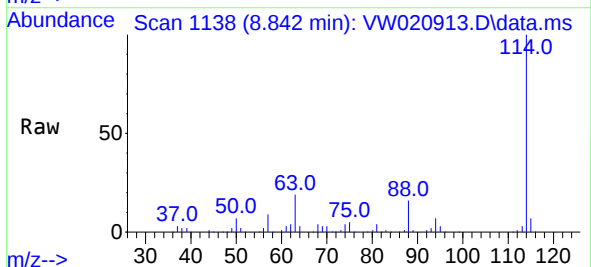
Manual Integrations
APPROVED

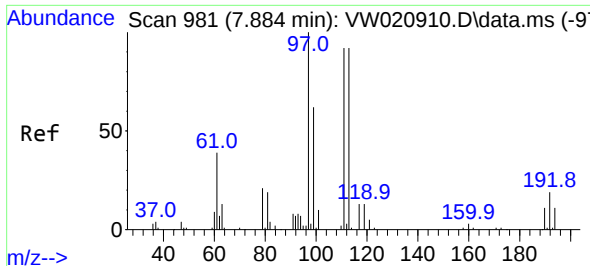
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

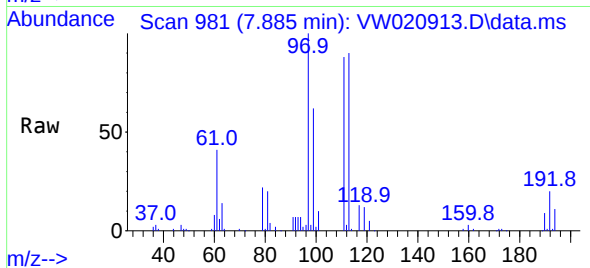
Tgt Ion:114 Resp: 125449
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.2
88 15.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

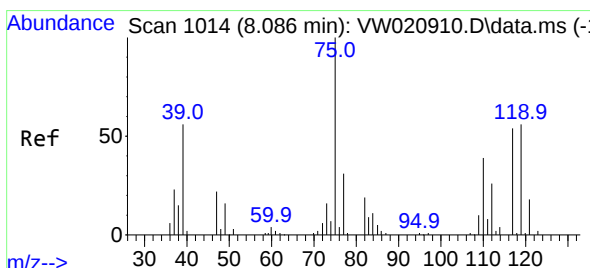
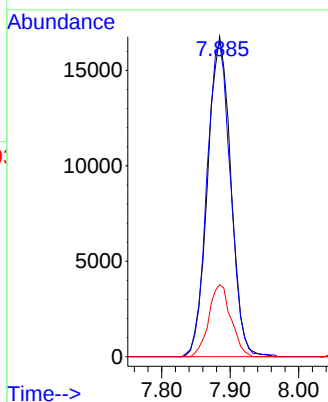
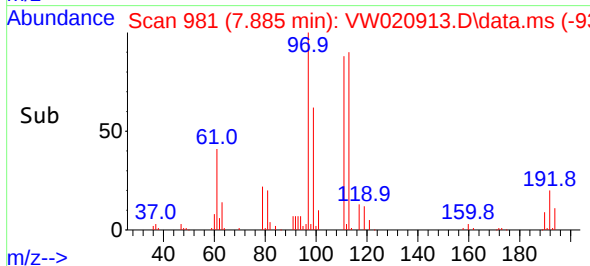
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



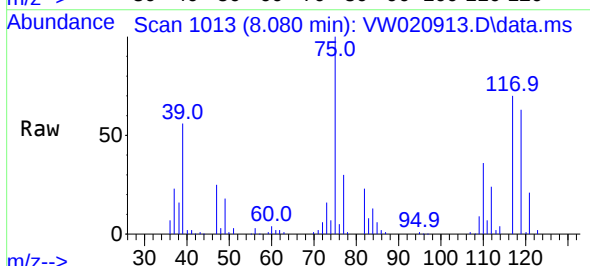
Tgt Ion: 113 Resp: 3943
Ion Ratio Lower Upper
113 100
111 99.6 81.2 121.8
192 21.4 16.8 25.2

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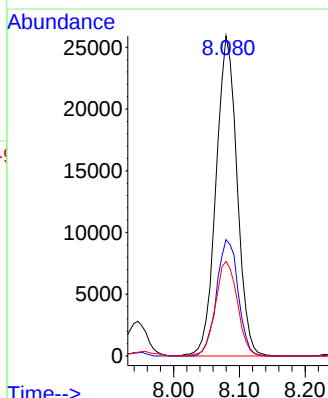
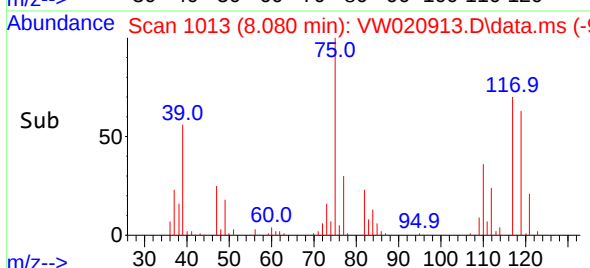
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

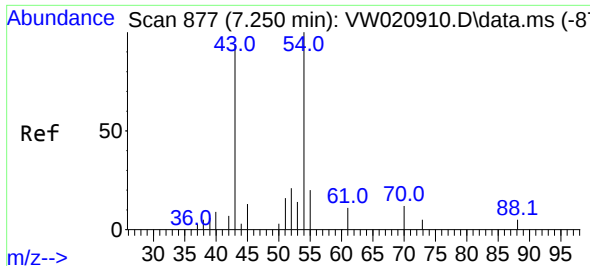


#36
1,1-Dichloropropene
Concen: 51.177 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



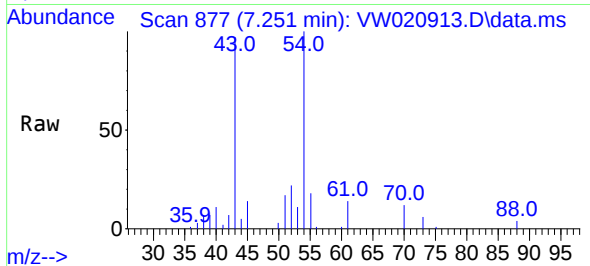
Tgt Ion: 75 Resp: 57676
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.5
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 51.082 ug/l
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

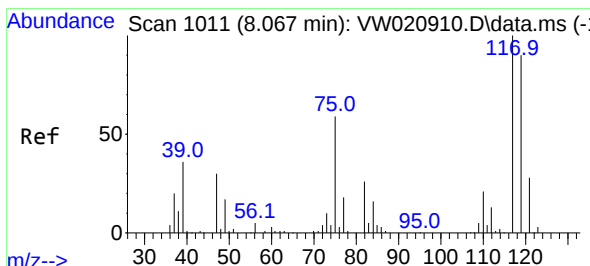
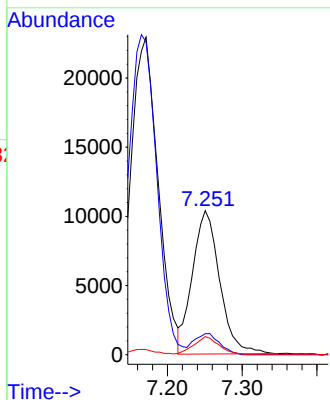
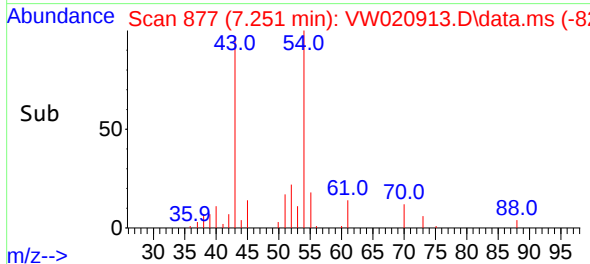
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



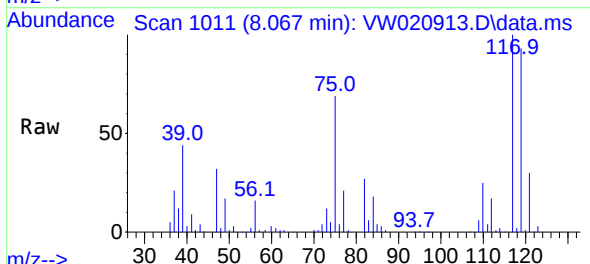
Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 11.7 9.2 13.8

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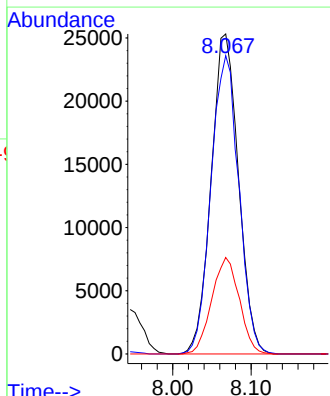
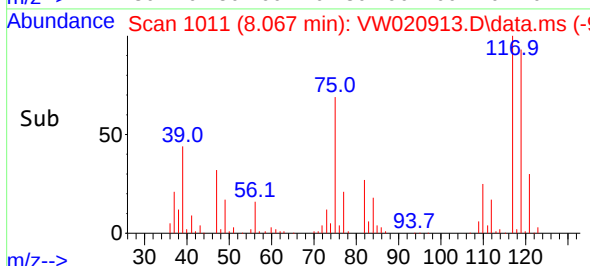
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

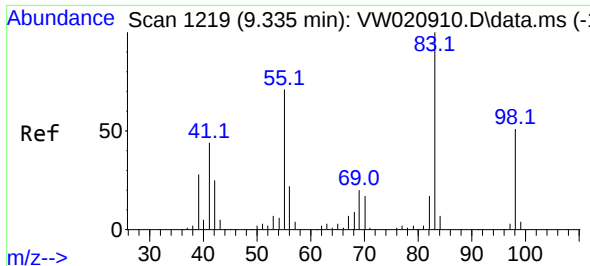


#38
Carbon Tetrachloride
Concen: 51.182 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



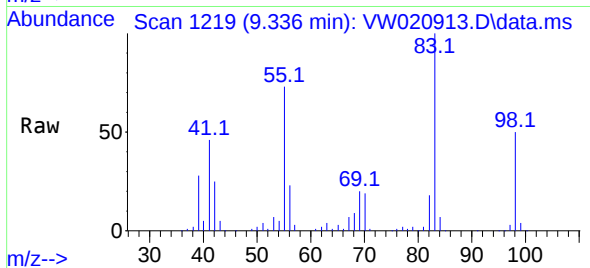
Tgt Ion:117 Resp: 61359
Ion Ratio Lower Upper
117 100
119 93.2 72.0 108.0
121 30.2 22.6 33.8





#39
Methylcyclohexane
Concen: 50.666 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

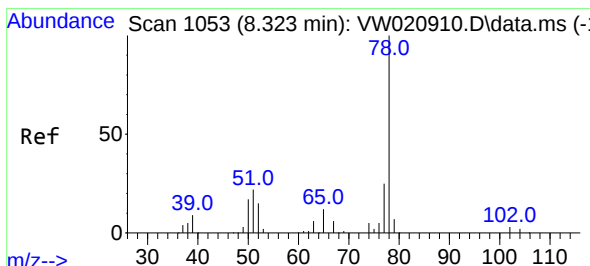
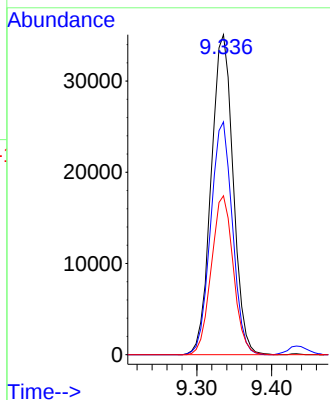
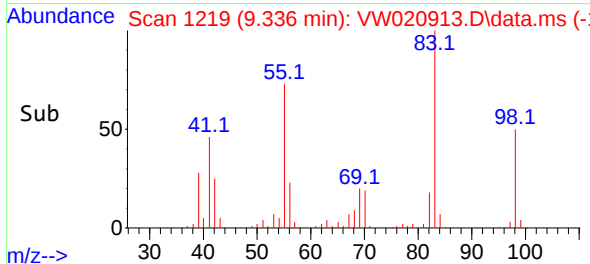
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



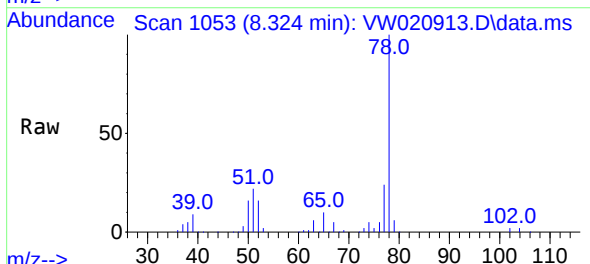
Tgt Ion: 83 Resp: 7169
Ion Ratio Lower Upper
83 100
55 72.8 56.6 85.0
98 49.7 41.0 61.4

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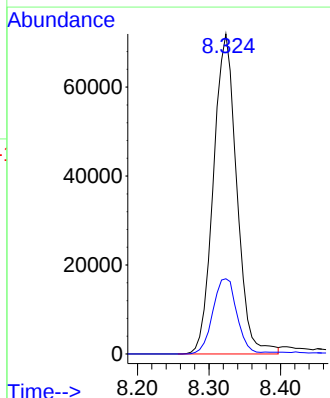
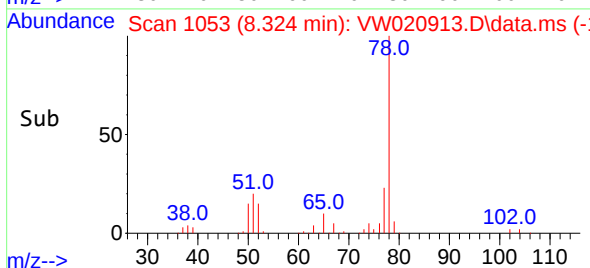
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

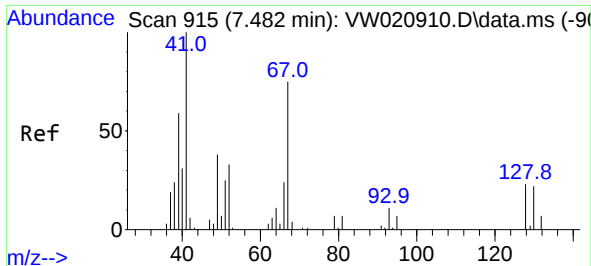


#40
Benzene
Concen: 50.768 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



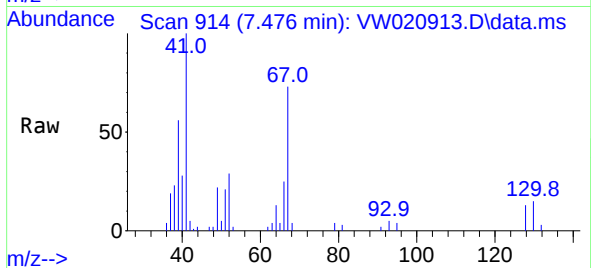
Tgt Ion: 78 Resp: 163135
Ion Ratio Lower Upper
78 100
77 23.5 20.0 30.0





#41
Methacrylonitrile
Concen: 47.482 ug/l
RT: 7.476 min Scan# 915
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

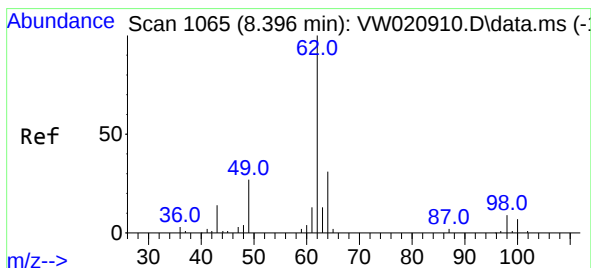
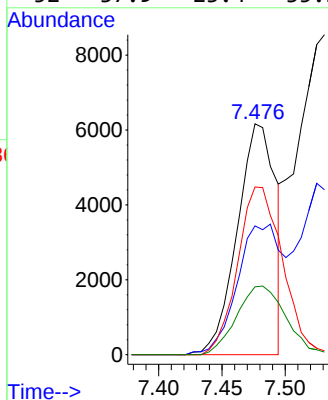
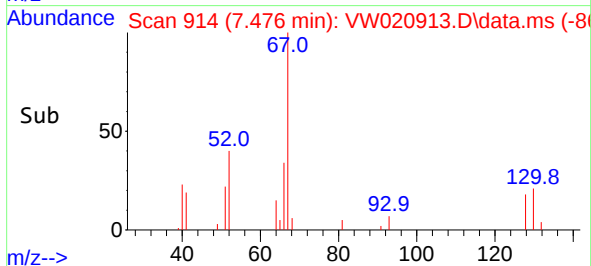
Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721



Tgt Ion: 41 Resp: 13014
Ion Ratio Lower Upper
41 100
39 66.7 42.9 64.3
67 84.7 56.2 84.4
52 37.9 23.4 35.2

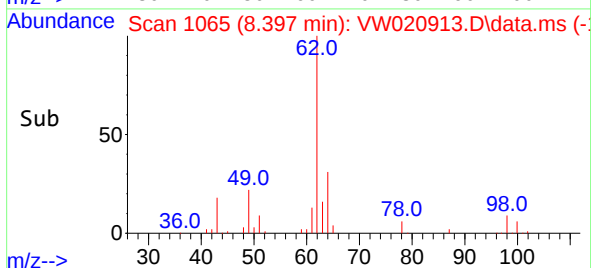
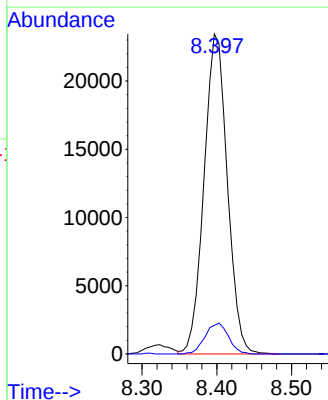
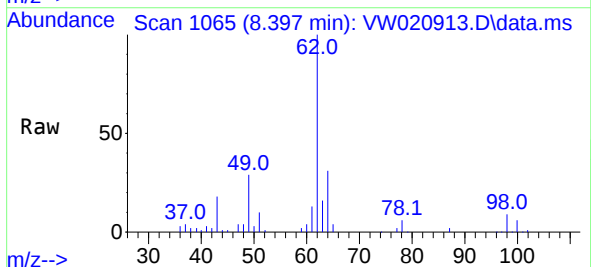
Manual Integrations
APPROVED

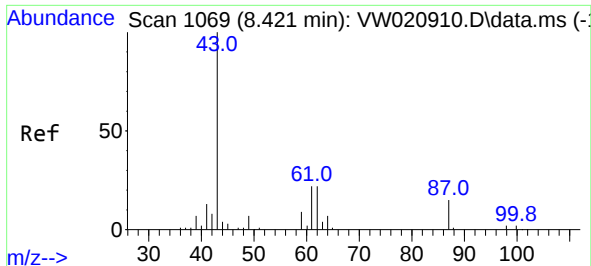
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 52.144 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 62 Resp: 50827
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0





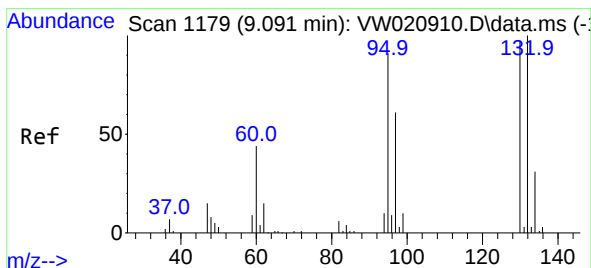
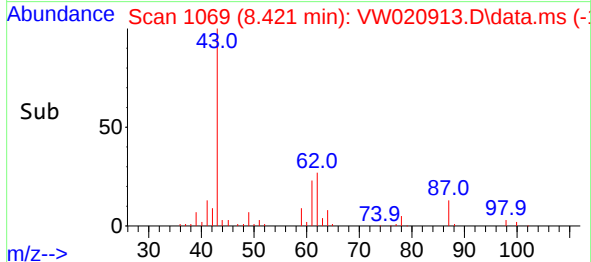
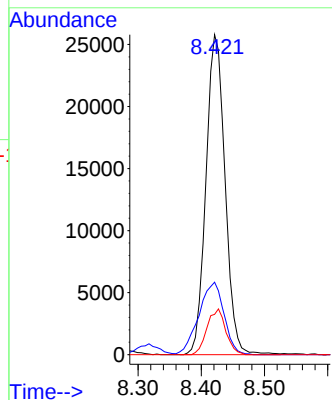
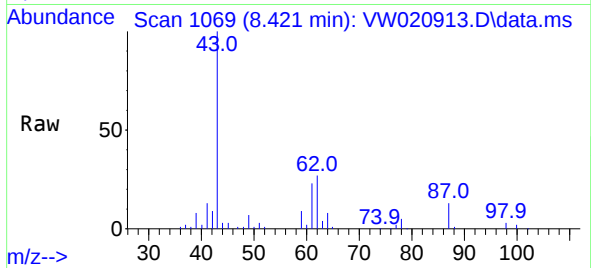
#43
Isopropyl Acetate
Concen: 53.768 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
61 29.8 23.7 35.5
87 14.0 11.5 17.3

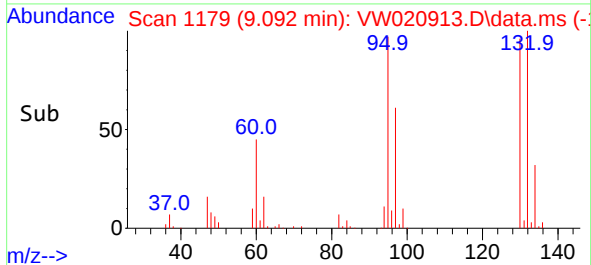
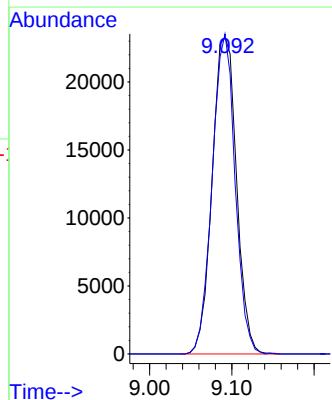
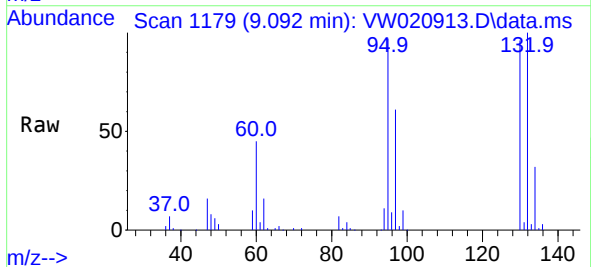
Manual Integrations
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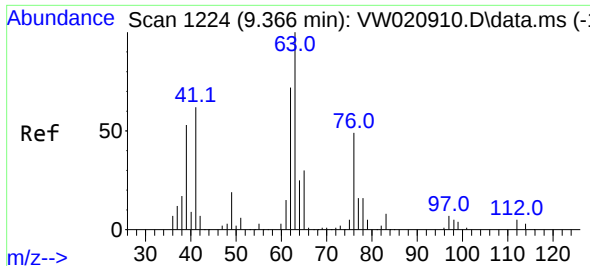
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 51.066 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion:130 Resp: 47877
Ion Ratio Lower Upper
130 100
95 101.0 0.0 186.6





#45

1,2-Dichloropropane

Concen: 52.463 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Instrument :

MSVOA_W

ClientSampleId :

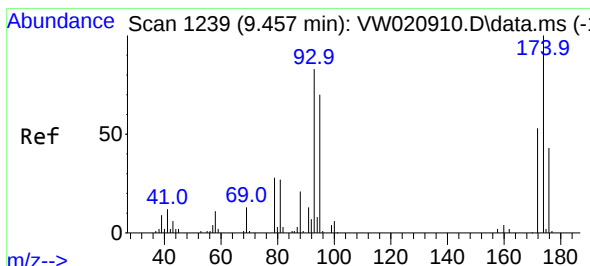
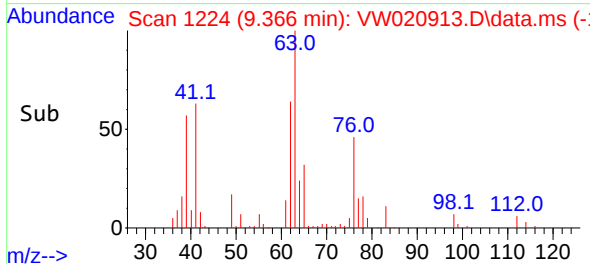
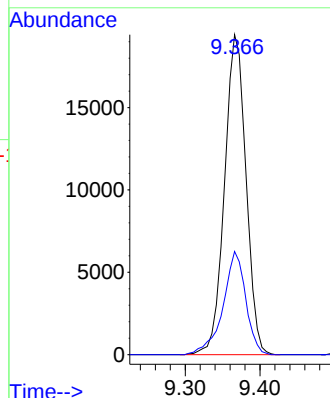
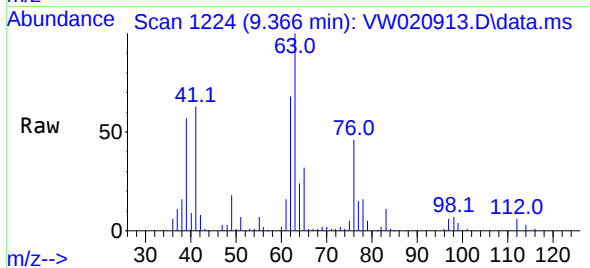
ICVW111721

Tgt Ion: 63 Resp: 38824
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.8 35.6

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 53.833 ug/l

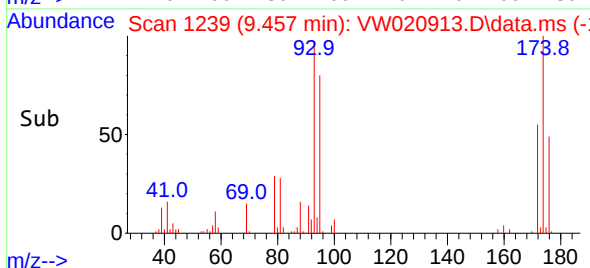
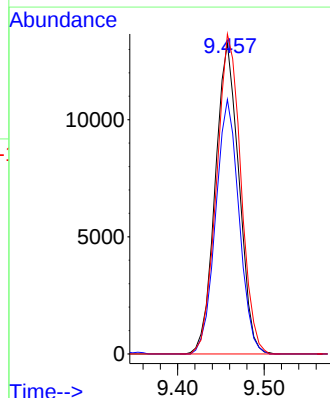
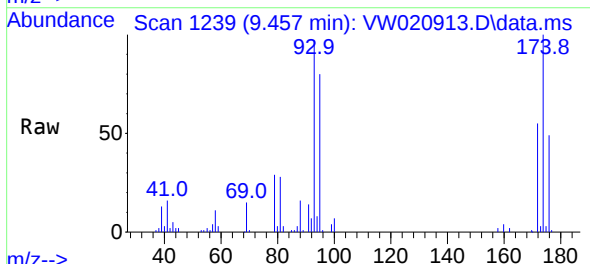
RT: 9.457 min Scan# 1239

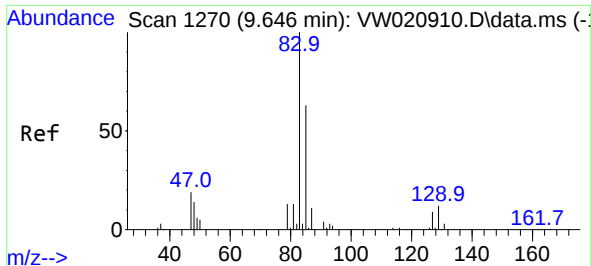
Delta R.T. 0.000 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Tgt Ion: 93 Resp: 25240
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.6 100.0
 174 105.1 91.1 136.7





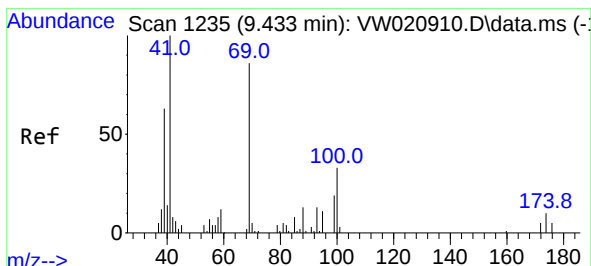
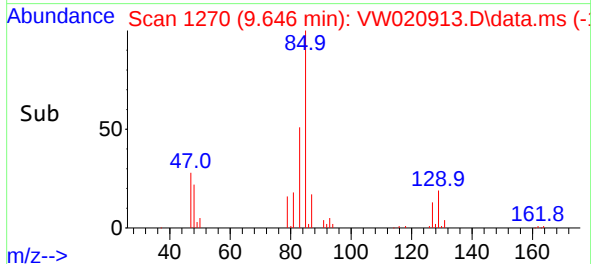
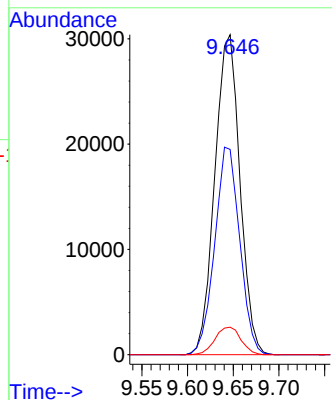
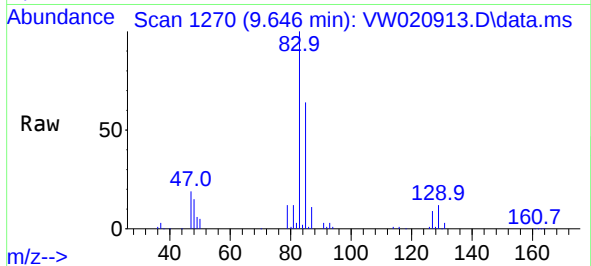
#47
Bromodichloromethane
Concen: 52.420 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 83 Resp: 5814
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5
127 8.6 7.1 10.7

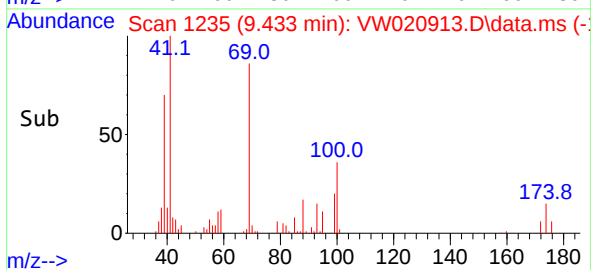
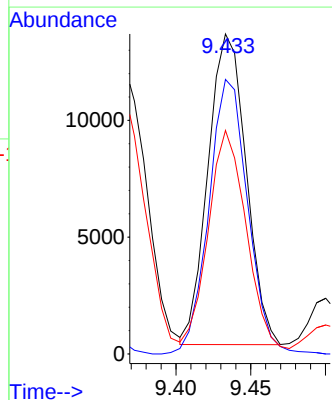
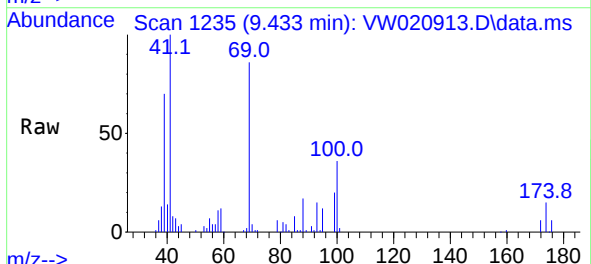
Manual Integrations
APPROVED

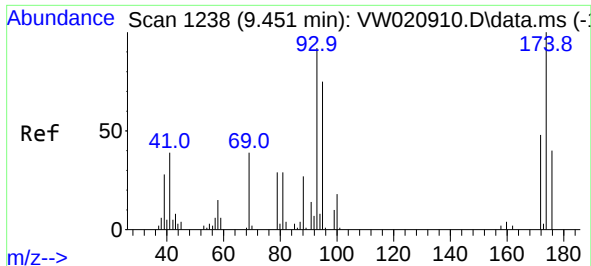
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 52.485 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 41 Resp: 23554
Ion Ratio Lower Upper
41 100
69 90.4 72.9 109.3
39 69.0 54.2 81.4





#49

1,4-Dioxane

Concen: 1067.792 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW111721

Tgt Ion: 88 Resp: 7214

Ion Ratio Lower Upper

88 100

43 34.3 26.6 39.8

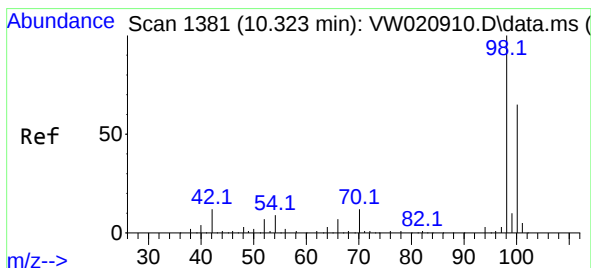
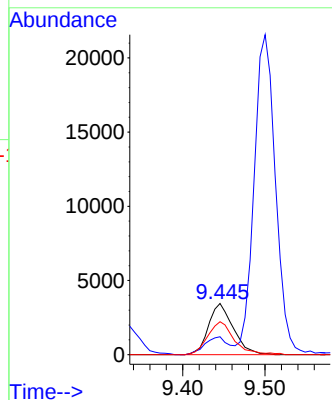
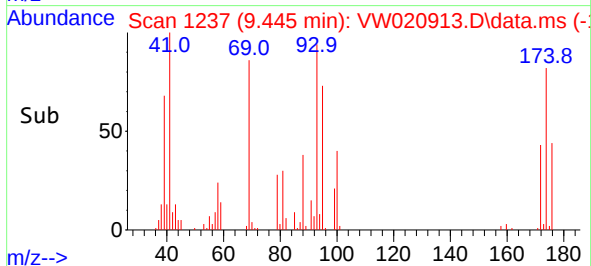
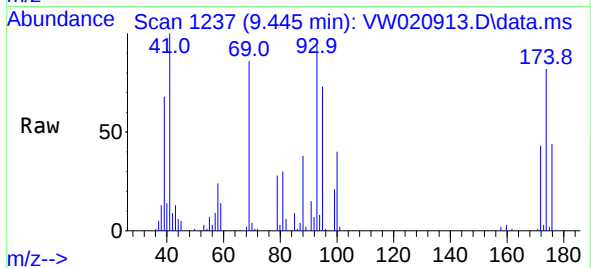
58 69.0 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 49.072 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020913.D

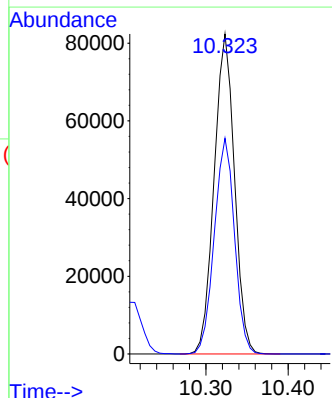
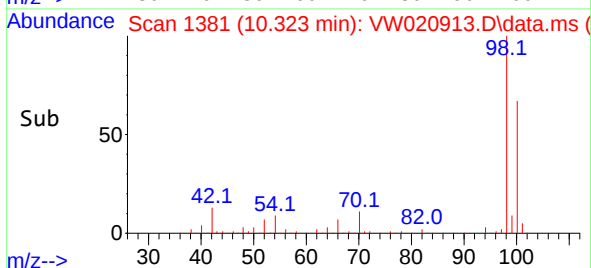
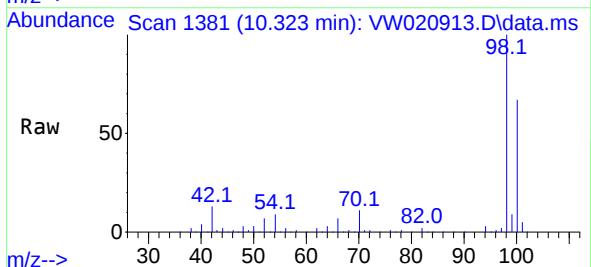
Acq: 17 Nov 2021 19:46

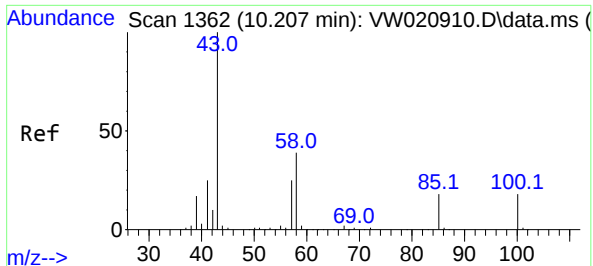
Tgt Ion: 98 Resp: 141622

Ion Ratio Lower Upper

98 100

100 67.0 52.6 79.0





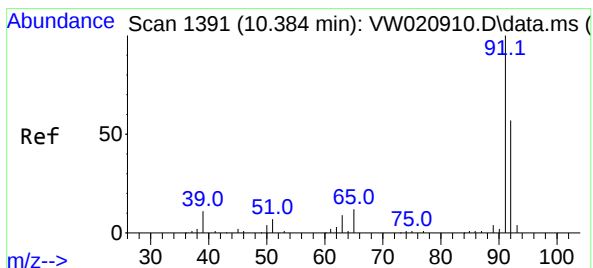
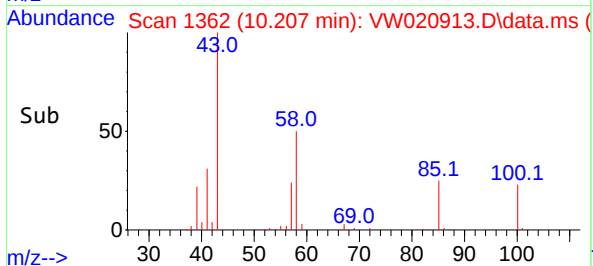
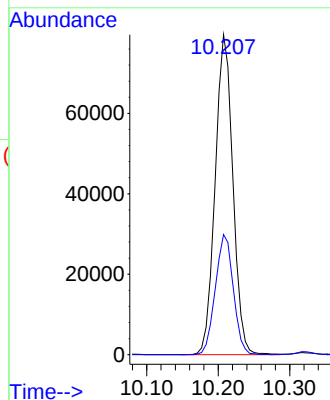
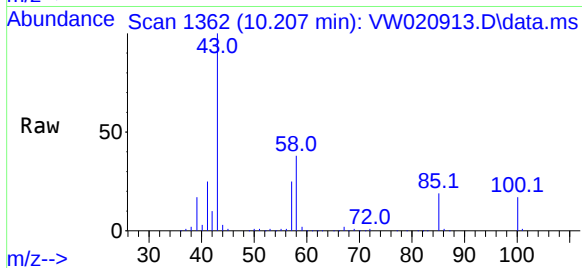
#51
4-Methyl-2-Pentanone
Concen: 266.479 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 43 Resp: 136870
Ion Ratio Lower Upper
43 100
58 38.1 30.9 46.3

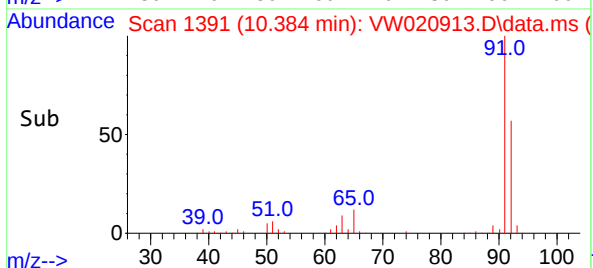
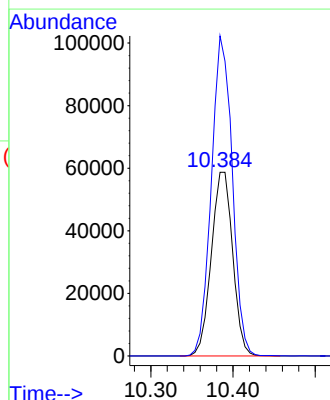
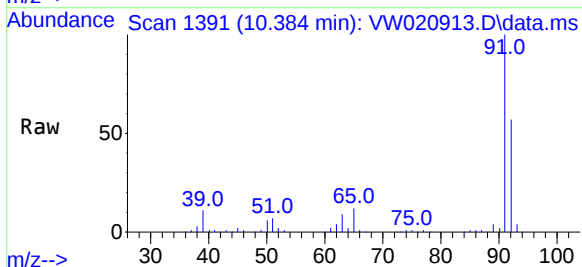
Manual Integrations
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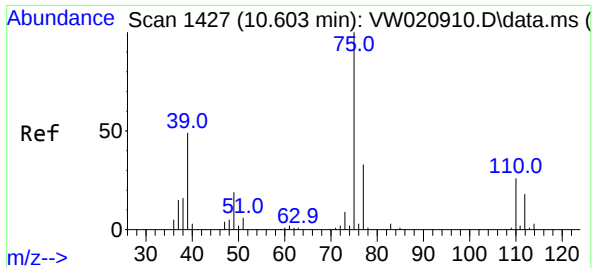
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 51.396 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 92 Resp: 106161
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7





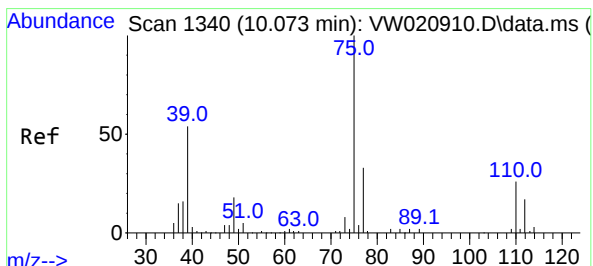
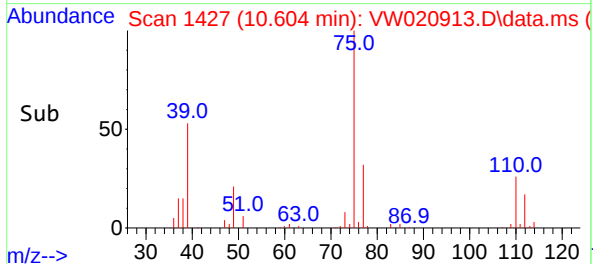
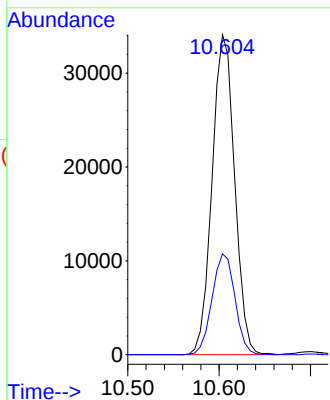
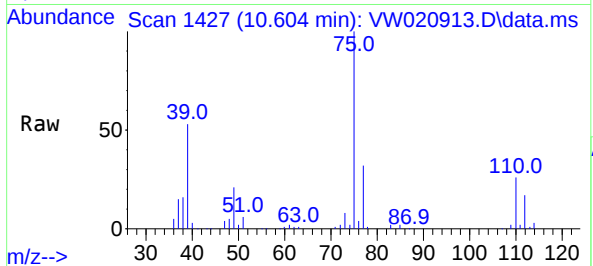
#53
t-1,3-Dichloropropene
Concen: 53.080 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion: 75 Resp: 58462
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1

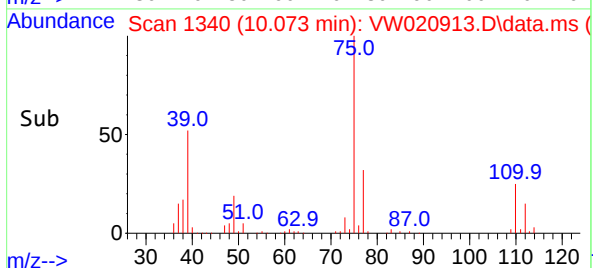
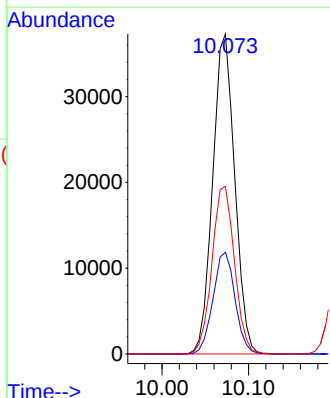
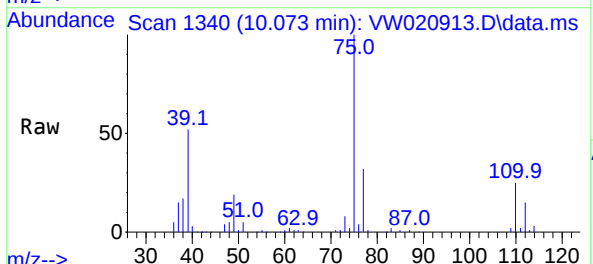
Manual Integrations
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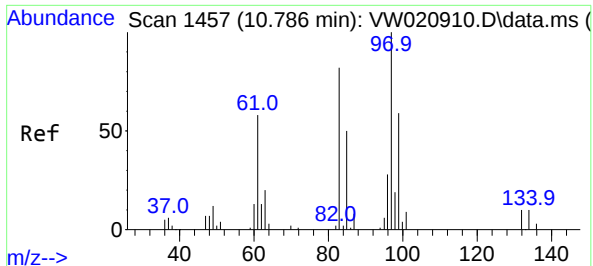
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 52.757 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 75 Resp: 65755
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4
39 52.4 43.0 64.6





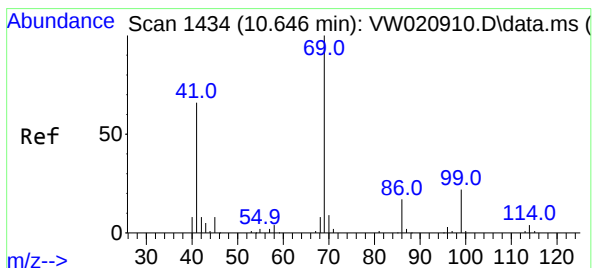
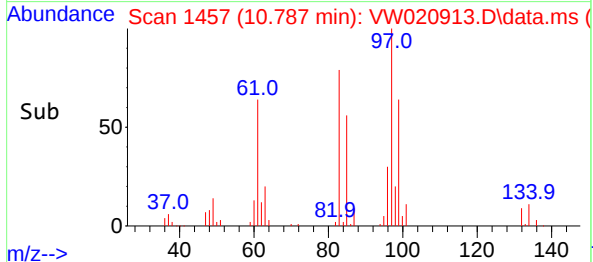
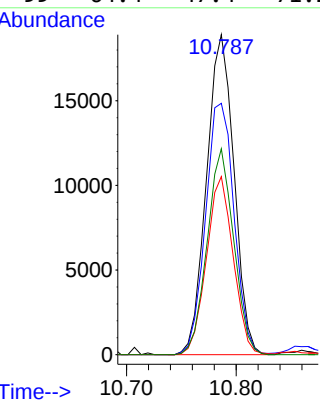
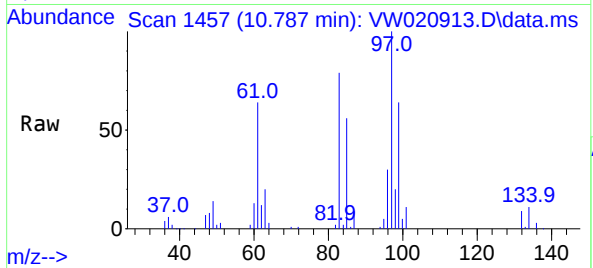
#55
1,1,2-Trichloroethane
Concen: 52.459 ug/l
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion: 97	Resp: 3297
Ion Ratio	Lower Upper
97 100	
83 78.5	65.4 98.2
85 55.6	39.9 59.9
99 64.4	47.4 71.2

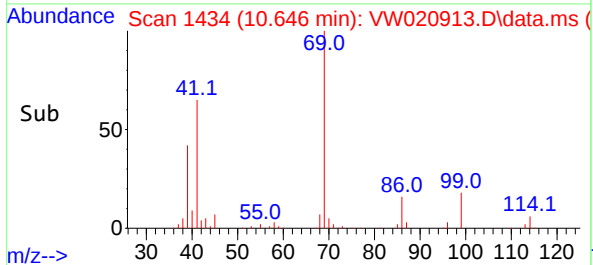
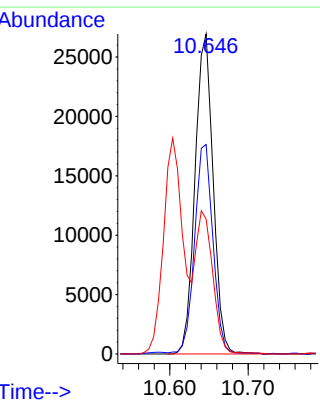
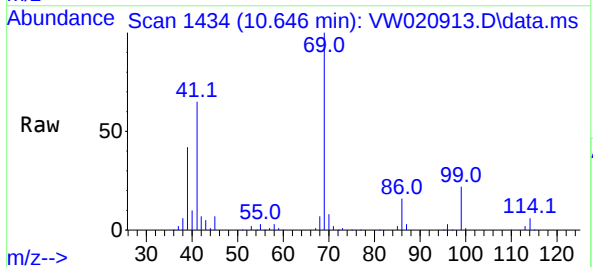
Manual Integrations
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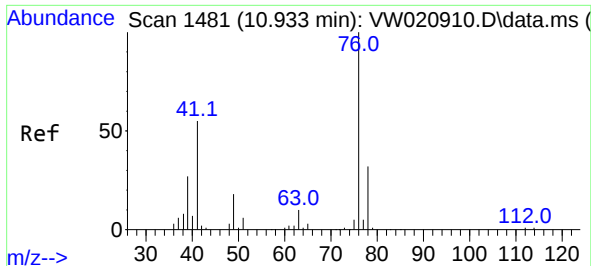
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 53.889 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 69	Resp: 43134
Ion Ratio	Lower Upper
69 100	
41 66.7	52.9 79.3
39 41.2	33.7 50.5





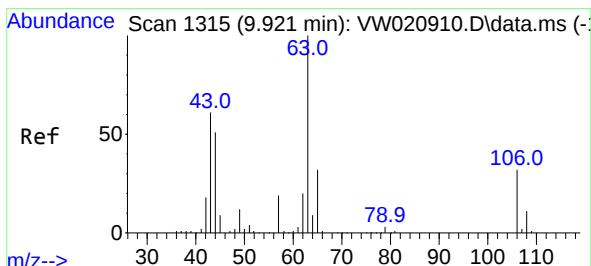
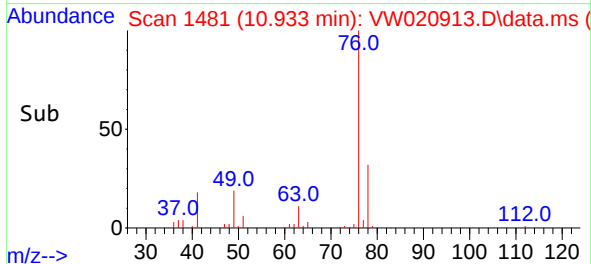
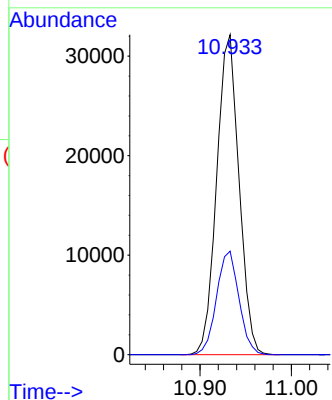
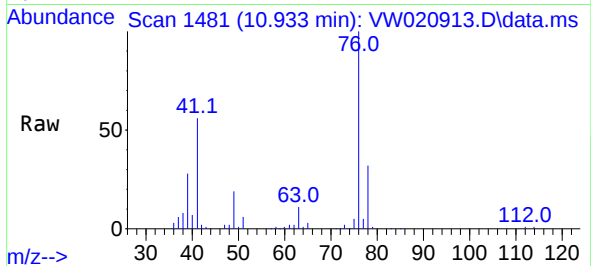
#57
1,3-Dichloropropane
Concen: 51.568 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 76 Resp: 54570
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

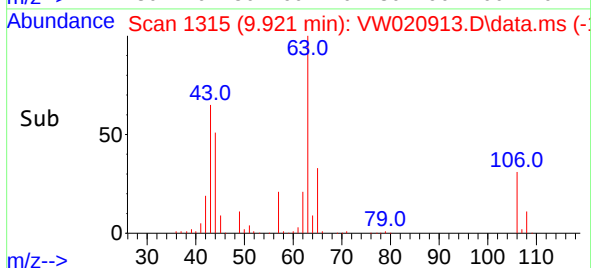
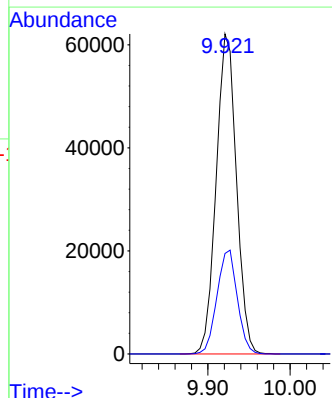
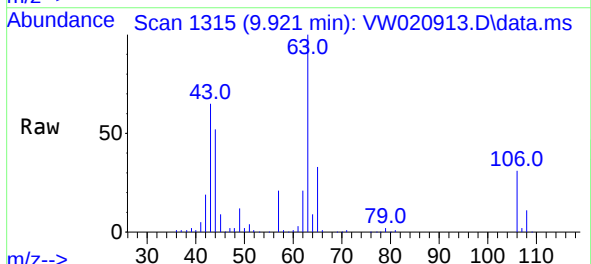
Manual Integrations
APPROVED

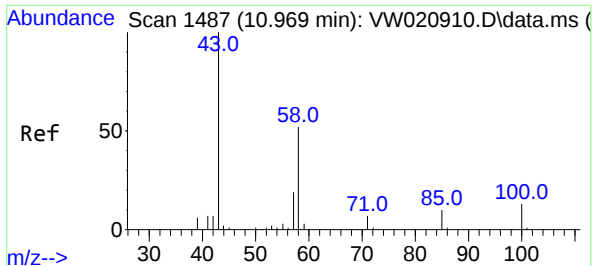
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 263.338 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

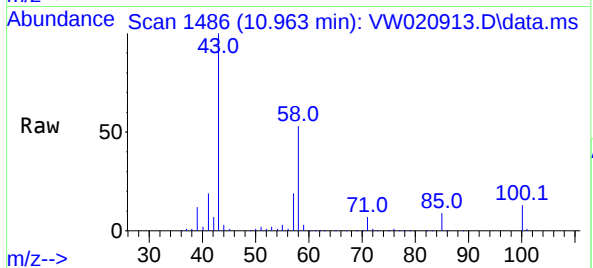
Tgt Ion: 63 Resp: 106080
Ion Ratio Lower Upper
63 100
106 32.6 26.3 39.5





#59
2-Hexanone
Concen: 270.315 ug/l
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

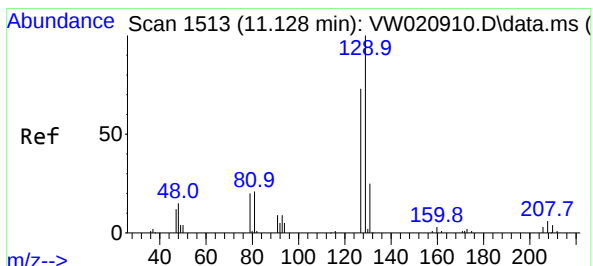
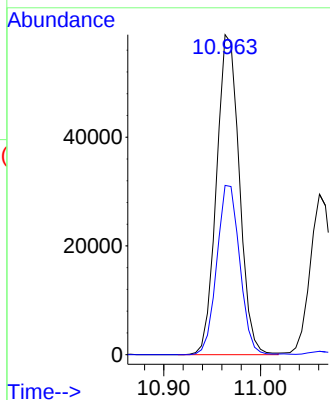
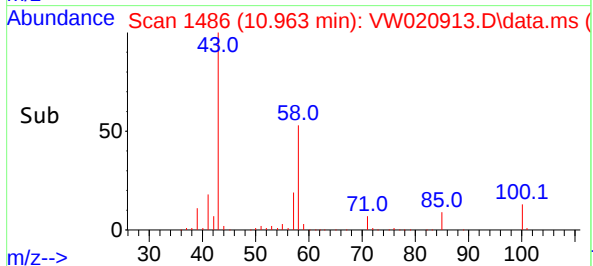
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



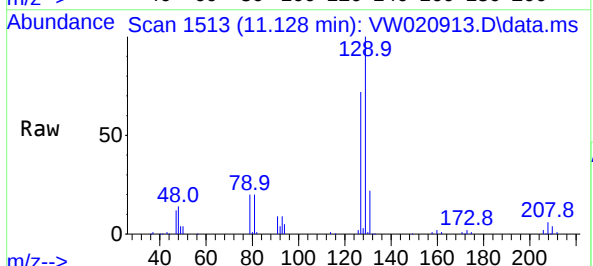
Tgt Ion: 43 Resp: 96588
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.0

Manual Integrations
APPROVED

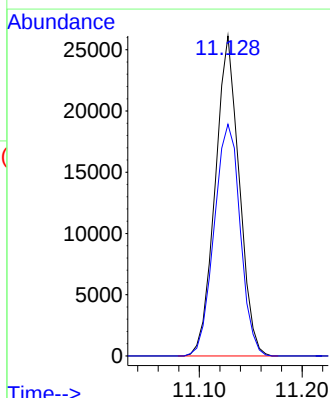
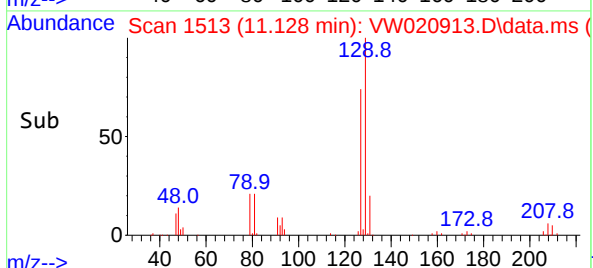
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

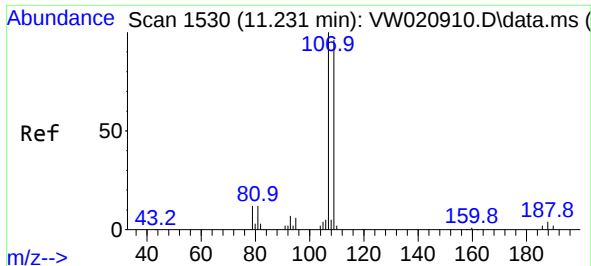


#60
Dibromochloromethane
Concen: 53.462 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



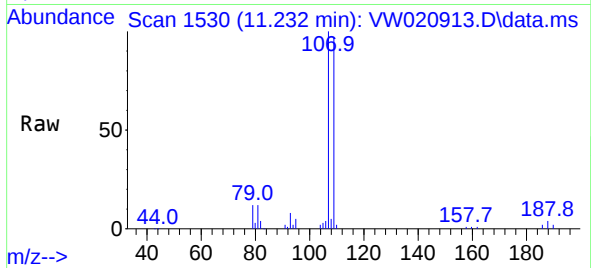
Tgt Ion:129 Resp: 42367
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61
1,2-Dibromoethane
Concen: 52.977 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

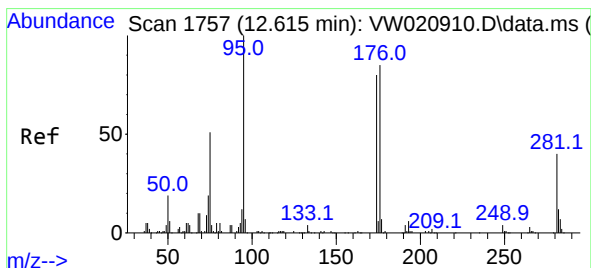
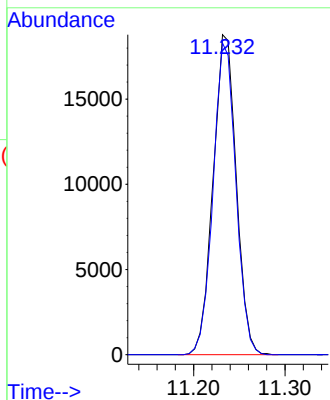
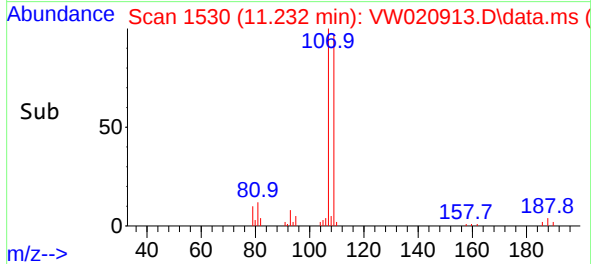
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



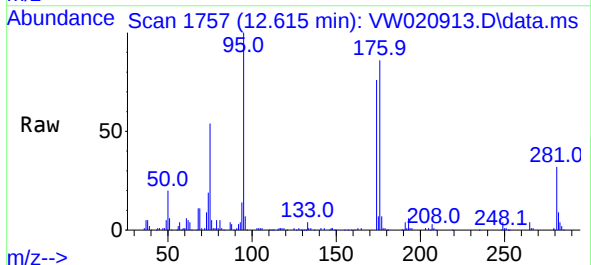
Tgt Ion:107 Resp: 33040
Ion Ratio Lower Upper
107 100
109 95.9 74.1 111.1

Manual Integrations
APPROVED

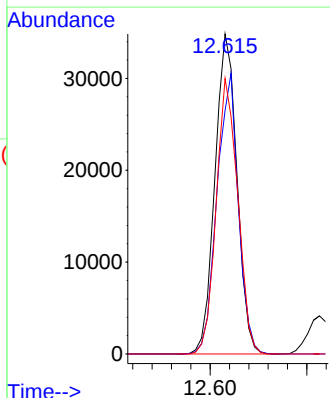
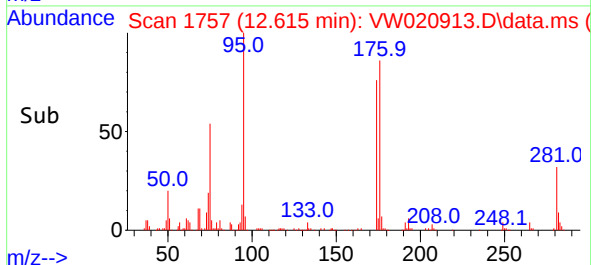
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

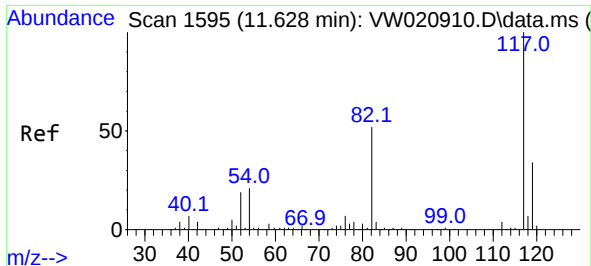


#62
4-Bromofluorobenzene
Concen: 51.017 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion: 95 Resp: 54910
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.2
176 84.4 0.0 175.4





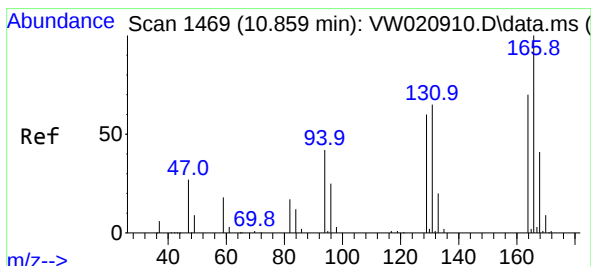
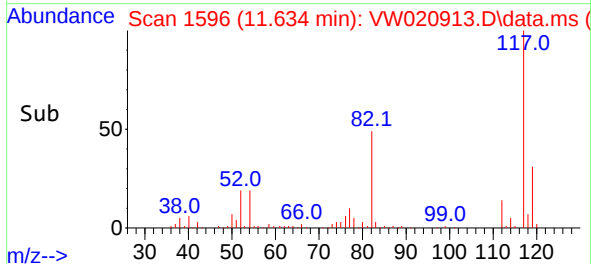
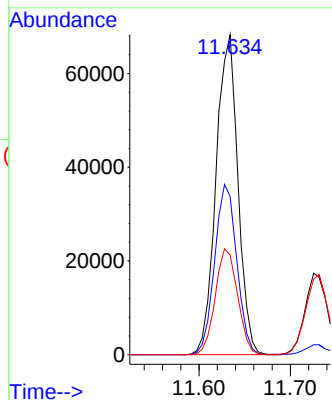
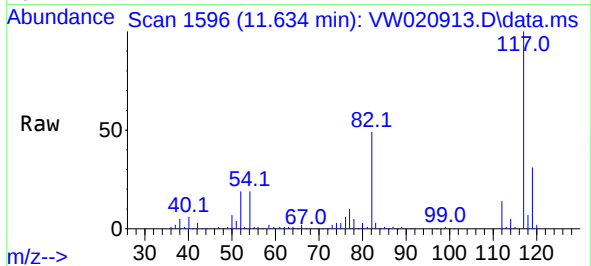
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion:117 Resp: 113678
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 31.2 27.2 40.8

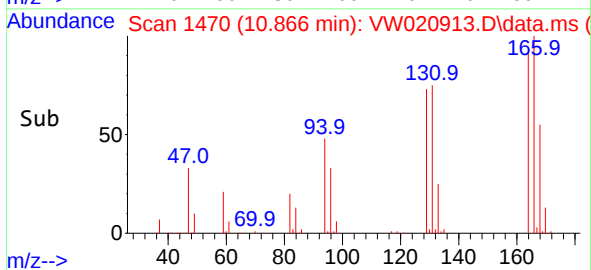
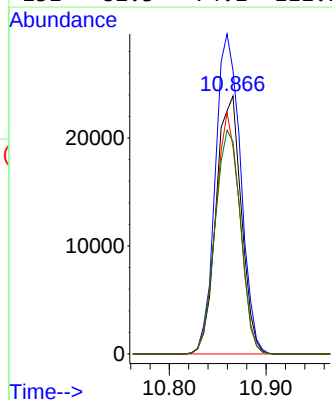
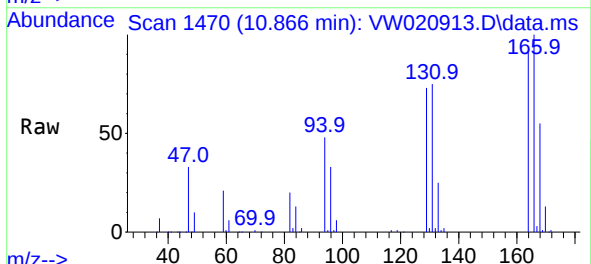
Manual Integrations
APPROVED

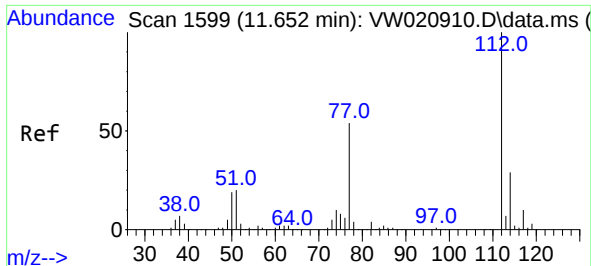
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 51.145 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

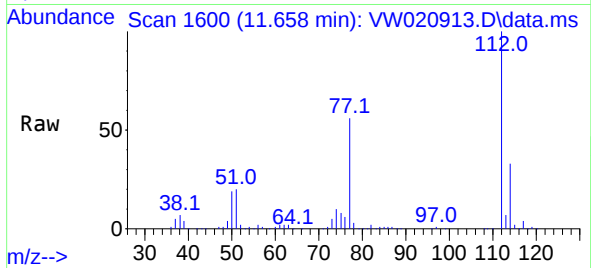
Tgt Ion:164 Resp: 43195
Ion Ratio Lower Upper
164 100
166 109.9 114.4 171.6#
129 80.3 68.3 102.5
131 82.3 74.1 111.1





#65
Chlorobenzene
Concen: 50.947 ug/l
RT: 11.658 min Scan# 11644
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

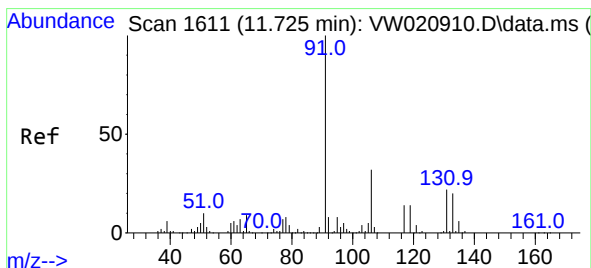
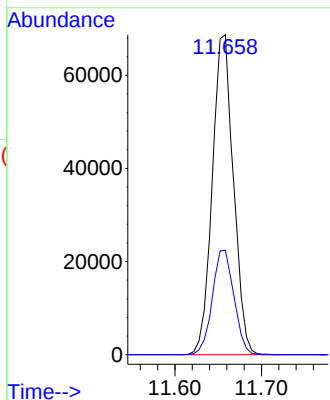
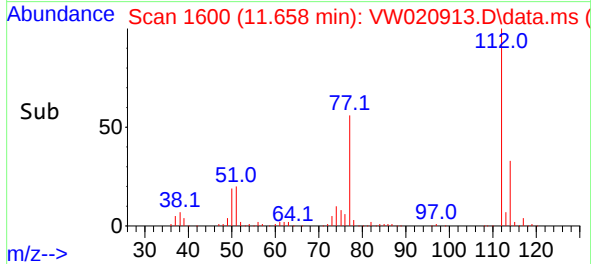
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



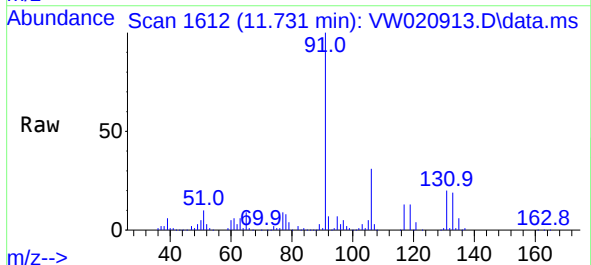
Tgt Ion:112 Resp: 11644
Ion Ratio Lower Upper
112 100
114 32.6 23.0 34.6

Manual Integrations
APPROVED

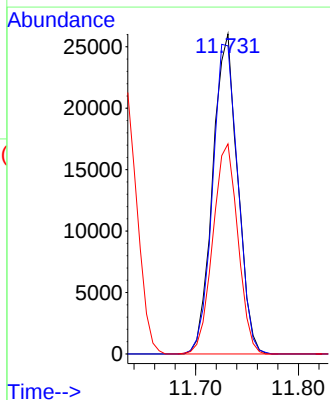
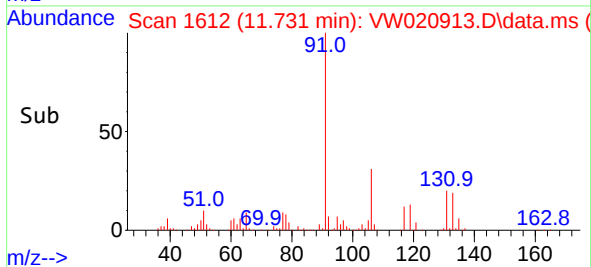
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

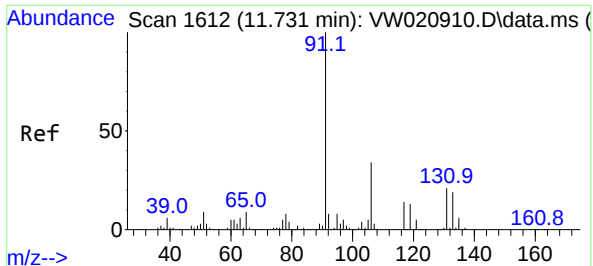


#66
1,1,1,2-Tetrachloroethane
Concen: 51.542 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion:131 Resp: 43801
Ion Ratio Lower Upper
131 100
133 98.7 46.6 139.7
119 66.1 32.2 96.6





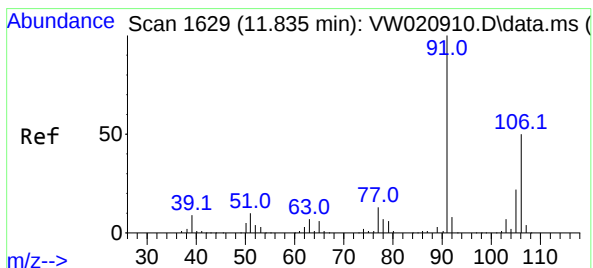
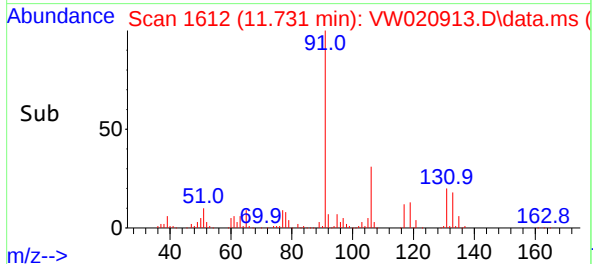
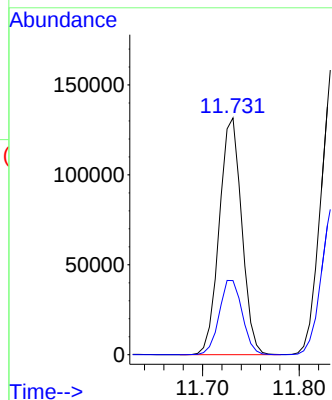
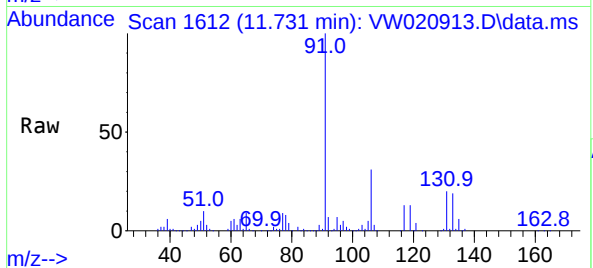
#67
Ethyl Benzene
Concen: 52.724 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion: 91 Resp: 21146
Ion Ratio Lower Upper
91 100
106 31.3 27.3 40.9

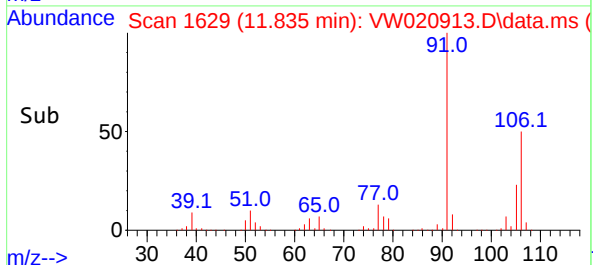
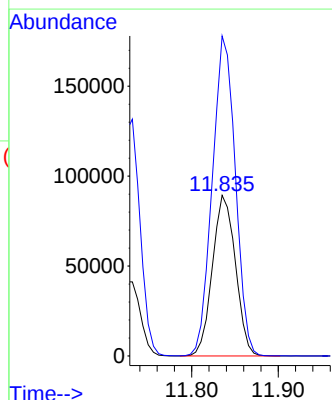
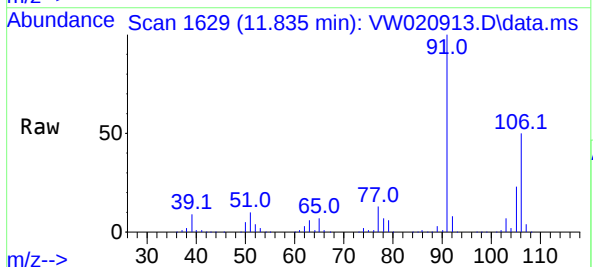
Manual Integrations
APPROVED

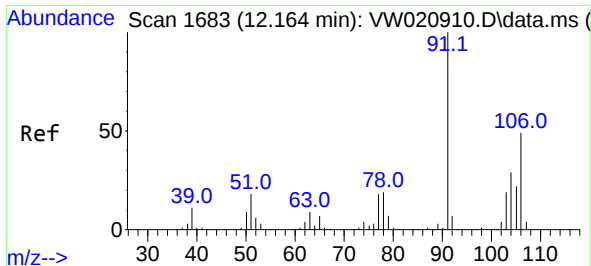
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 101.878 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion:106 Resp: 165195
Ion Ratio Lower Upper
106 100
91 199.5 157.8 236.8





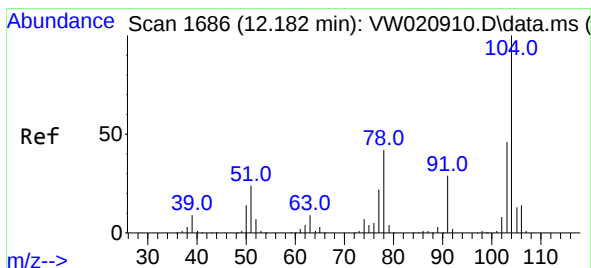
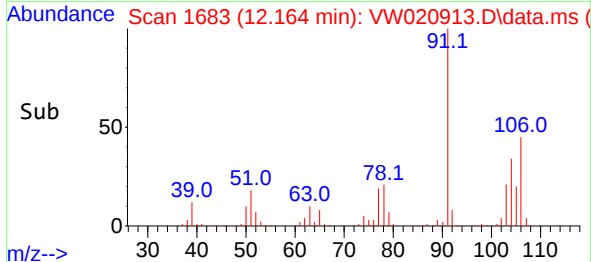
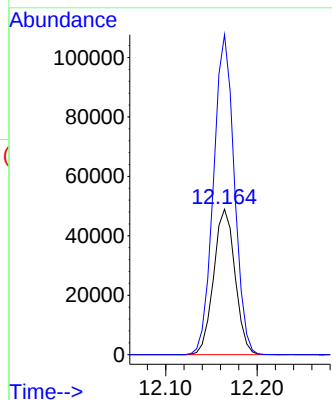
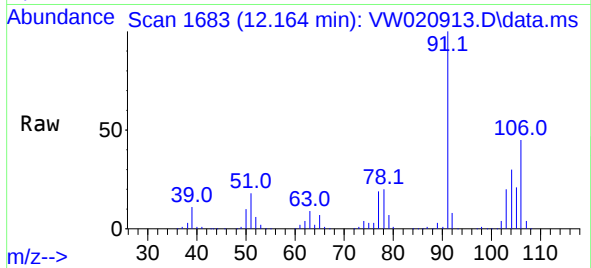
#69
o-Xylene
Concen: 52.376 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion:106 Resp: 79638
Ion Ratio Lower Upper
106 100
91 213.7 104.3 312.9

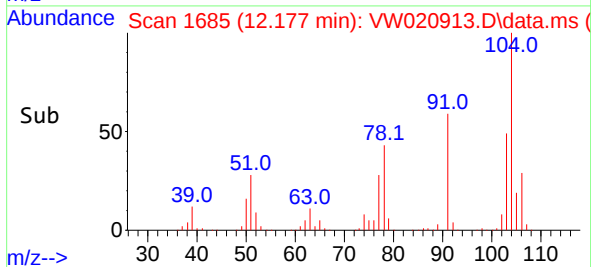
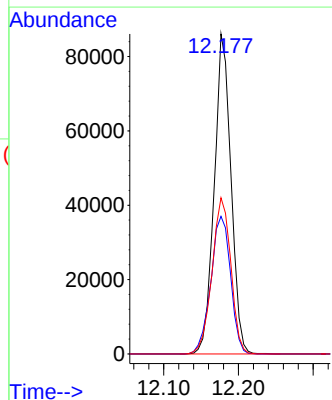
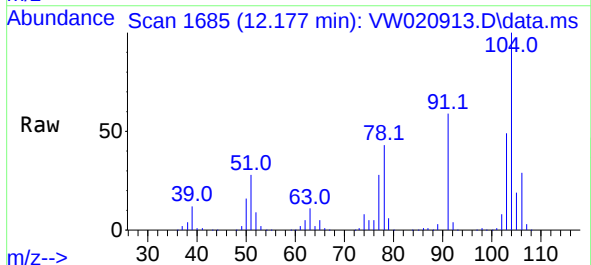
Manual Integrations
APPROVED

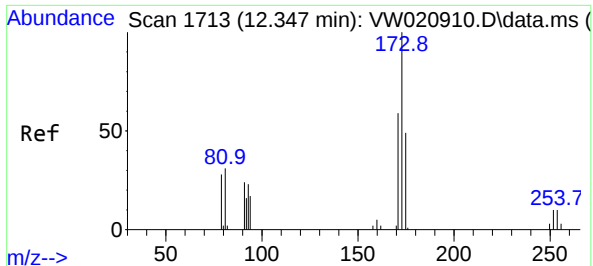
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 52.520 ug/l
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

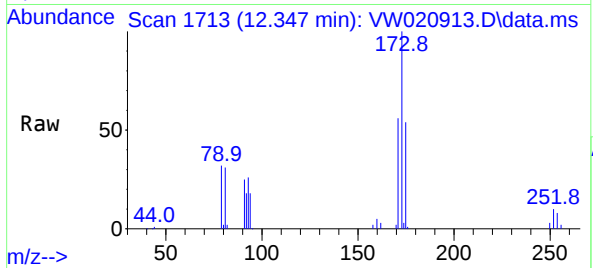
Tgt Ion:104 Resp: 134120
Ion Ratio Lower Upper
104 100
78 50.6 39.4 59.2
103 54.6 42.6 63.8





#71
Bromoform
Concen: 52.040 ug/l
RT: 12.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

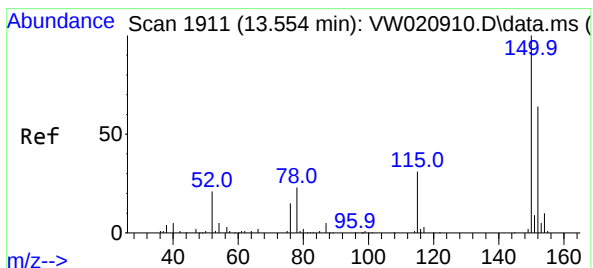
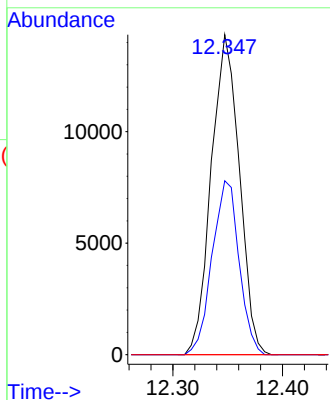
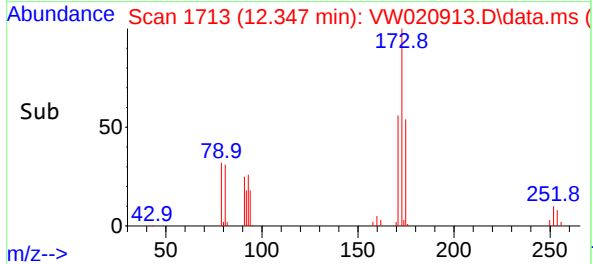
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



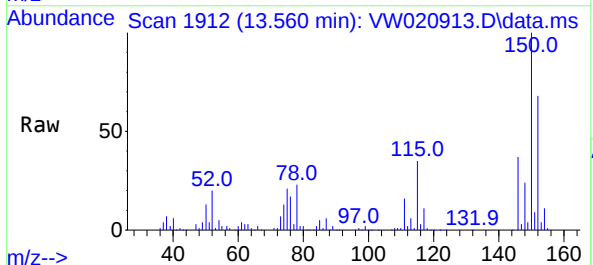
Tgt Ion:173 Resp: 2556
Ion Ratio Lower Upper
173 100
175 52.1 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

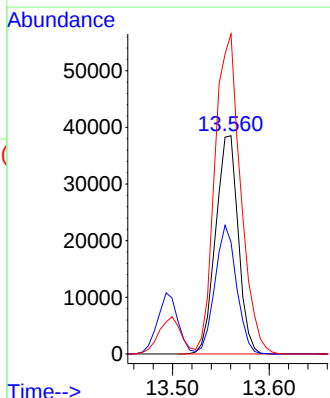
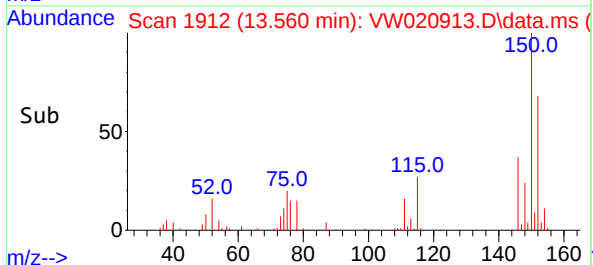
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

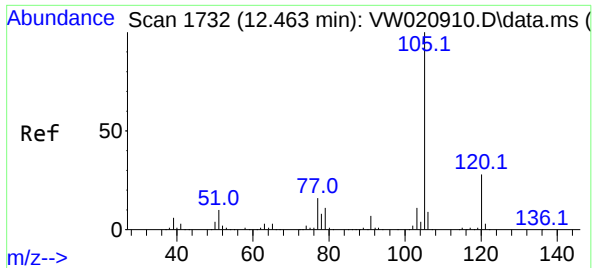


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion:152 Resp: 62503
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 166.7 0.0 348.4





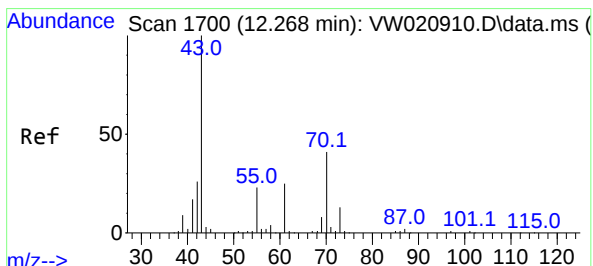
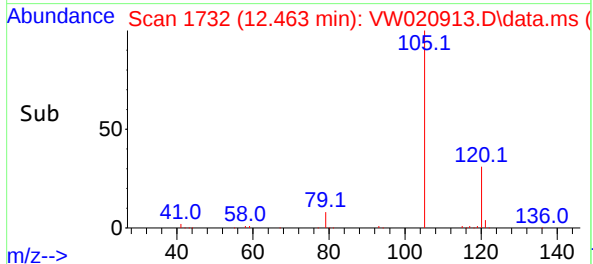
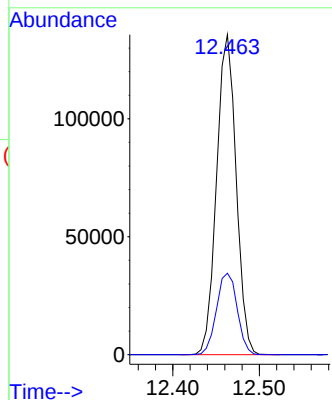
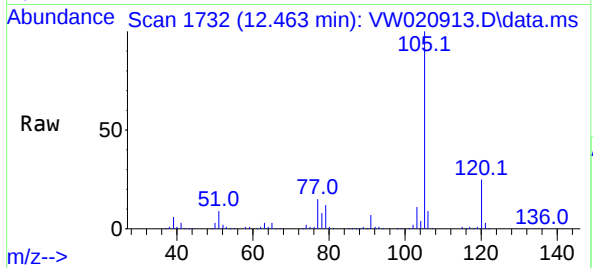
#73
Isopropylbenzene
Concen: 49.821 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion:105 Resp: 21279
Ion Ratio Lower Upper
105 100
120 26.9 13.9 41.7

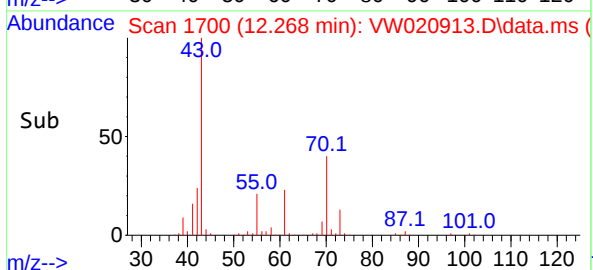
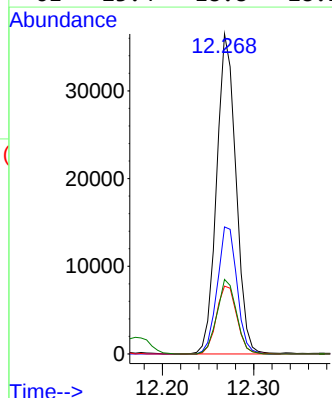
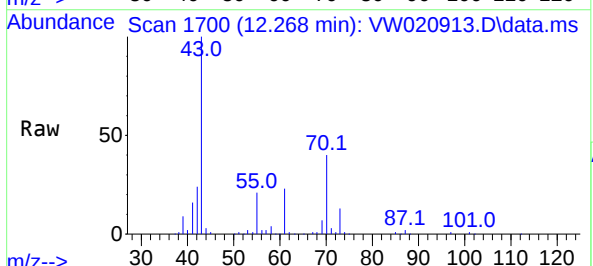
Manual Integrations
APPROVED

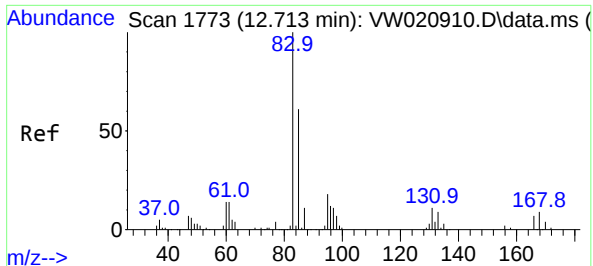
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 52.768 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

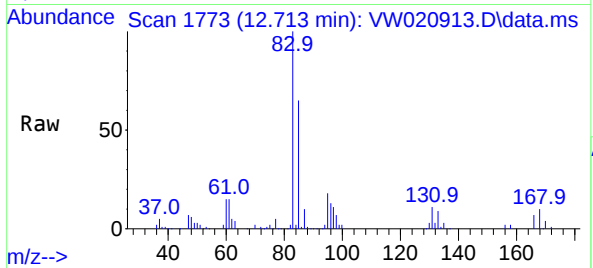
Tgt Ion: 43 Resp: 53684
Ion Ratio Lower Upper
43 100
70 40.4 33.7 50.5
55 22.4 18.5 27.7
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.658 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

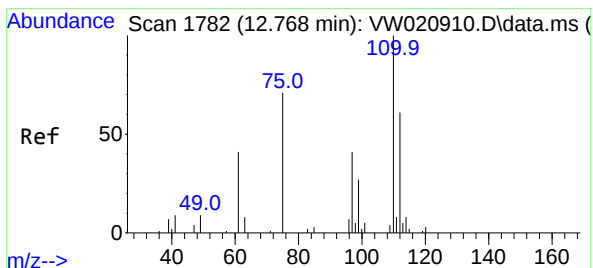
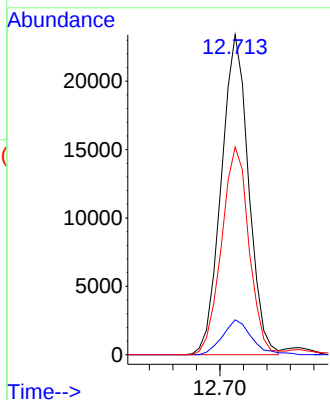
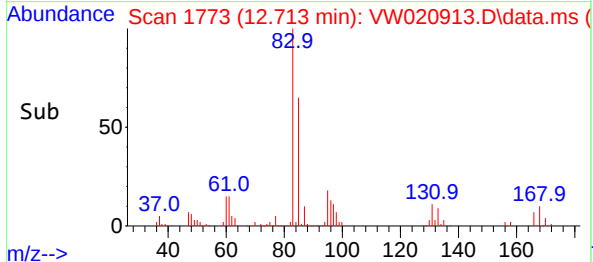
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



Tgt Ion: 83 Resp: 37748
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 65.4 32.0 96.0

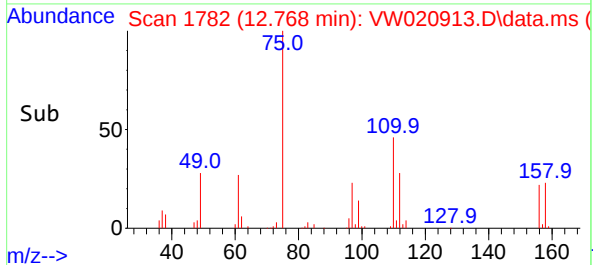
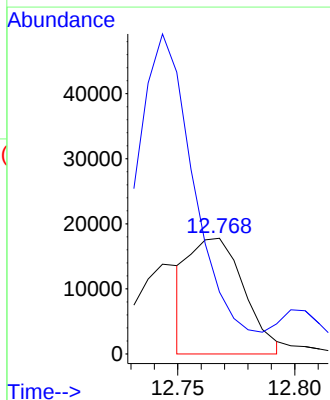
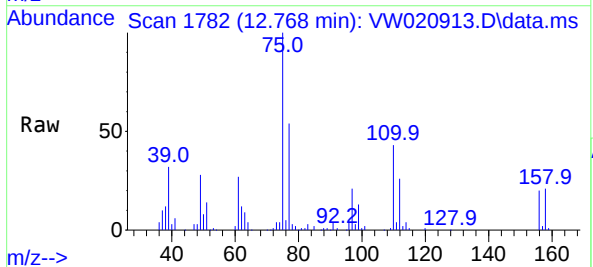
Manual Integrations
APPROVED

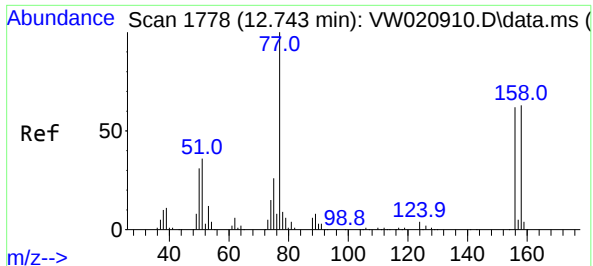
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 51.523 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 75 Resp: 28934
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





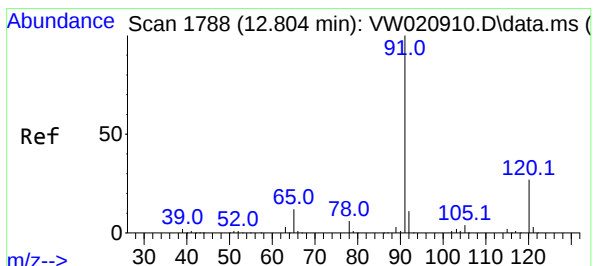
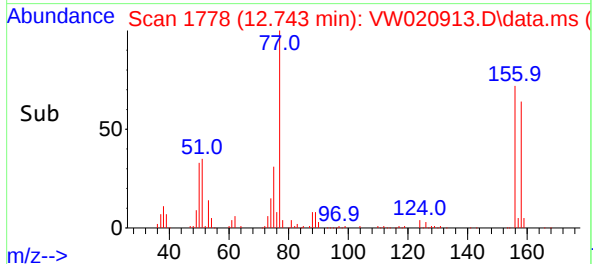
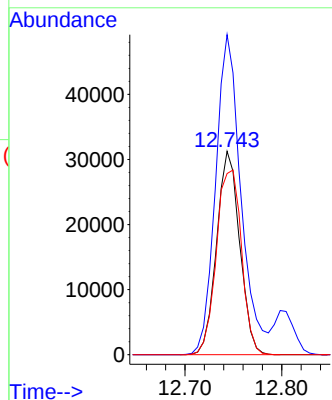
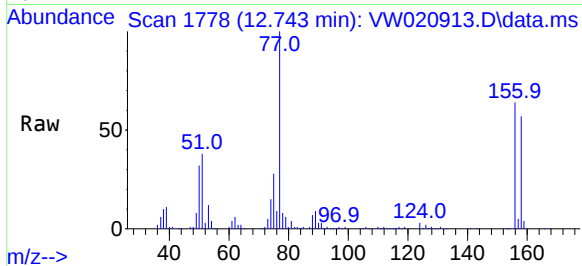
#77
Bromobenzene
Concen: 49.917 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion:156 Resp: 51780
Ion Ratio Lower Upper
156 100
77 173.2 87.0 261.0
158 98.9 49.8 149.4

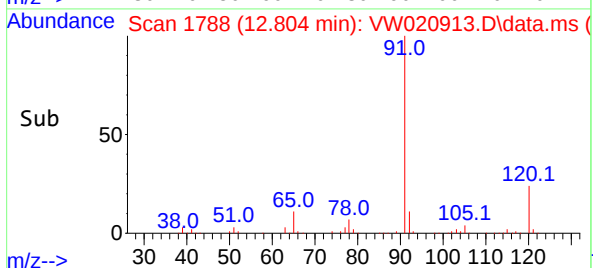
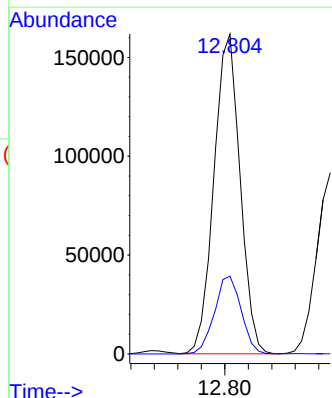
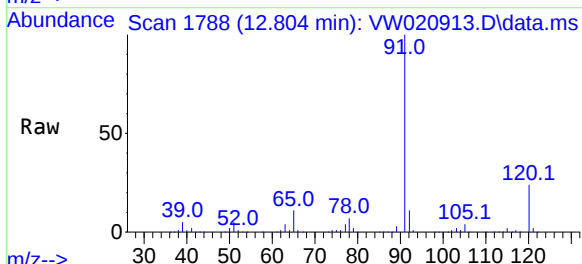
Manual Integrations
APPROVED

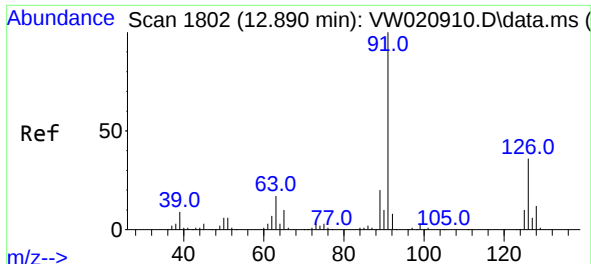
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 49.612 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 91 Resp: 249583
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.4





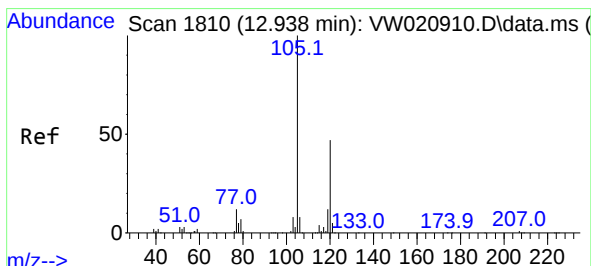
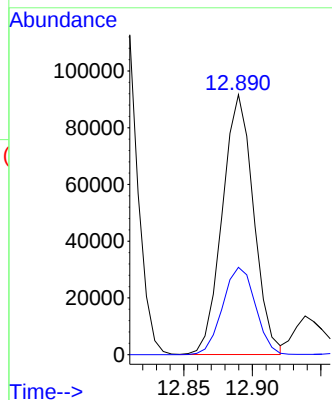
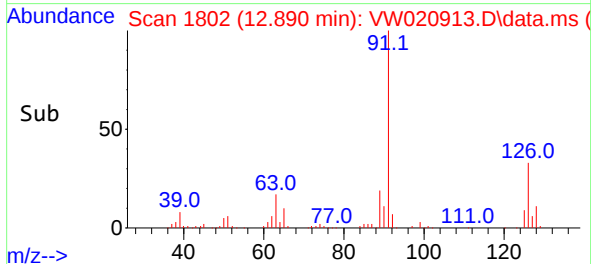
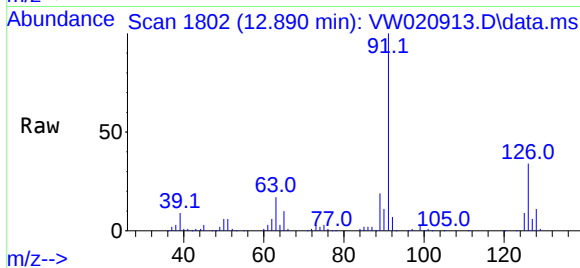
#79
2-Chlorotoluene
Concen: 50.058 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion: 91 Resp: 145544
Ion Ratio Lower Upper
91 100
126 35.2 18.0 54.0

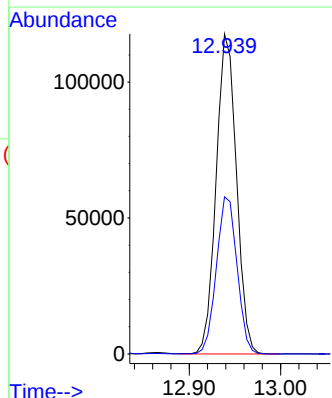
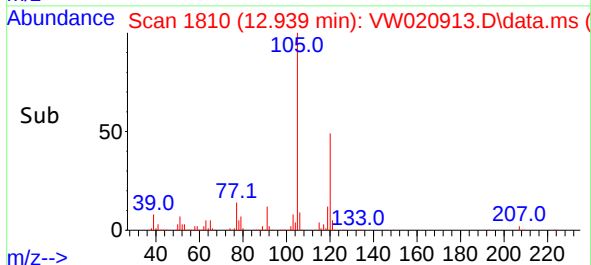
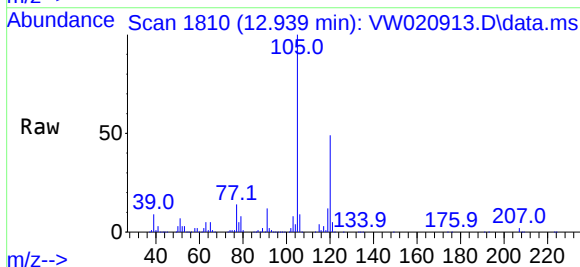
Manual Integrations
APPROVED

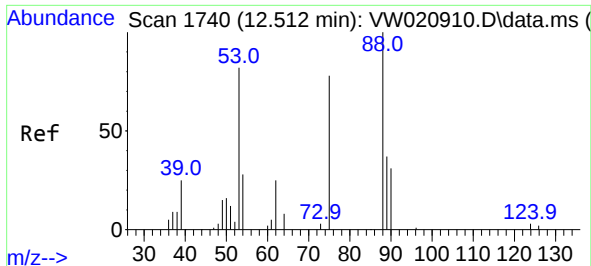
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.650 ug/l
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

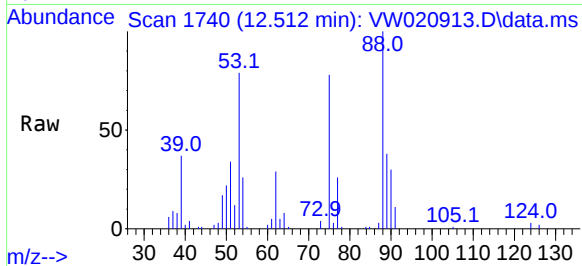
Tgt Ion:105 Resp: 181854
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.275 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

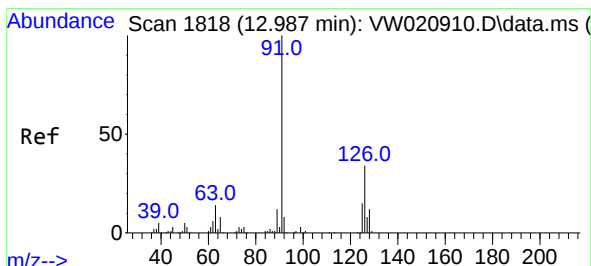
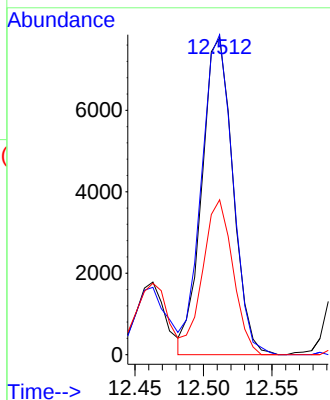
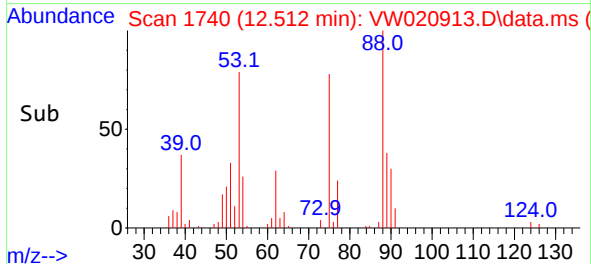
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



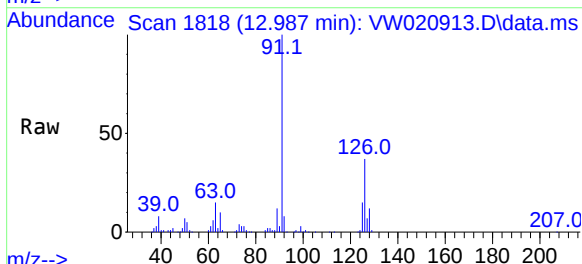
Tgt Ion: 75 Resp: 1224
Ion Ratio Lower Upper
75 100
53 101.7 81.8 122.8
89 48.0 38.6 57.8

Manual Integrations
APPROVED

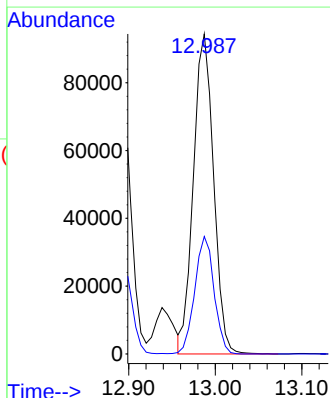
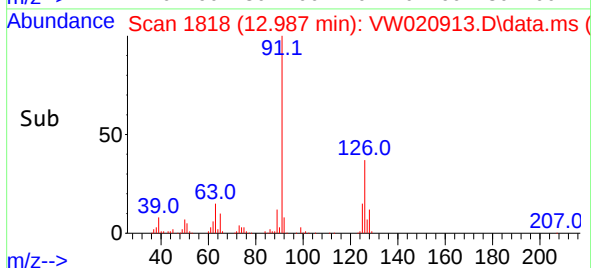
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

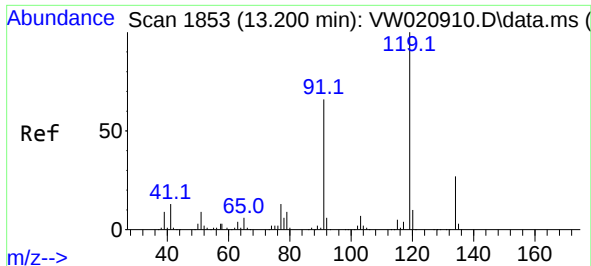


#82
4-Chlorotoluene
Concen: 49.515 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



Tgt Ion: 91 Resp: 152674
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2





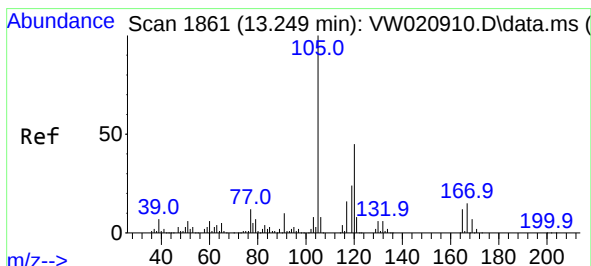
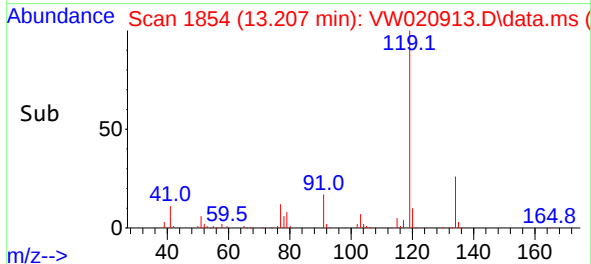
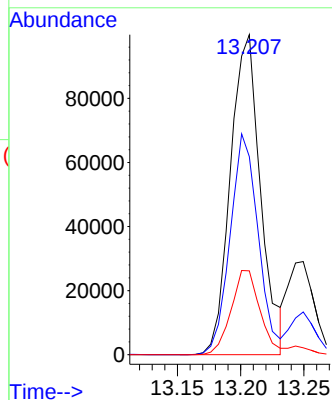
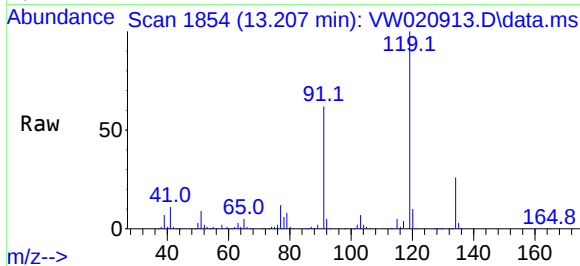
#83
tert-Butylbenzene
Concen: 50.598 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion:119 Resp: 165644
Ion Ratio Lower Upper
119 100
91 64.3 32.6 97.8
134 25.7 13.2 39.5

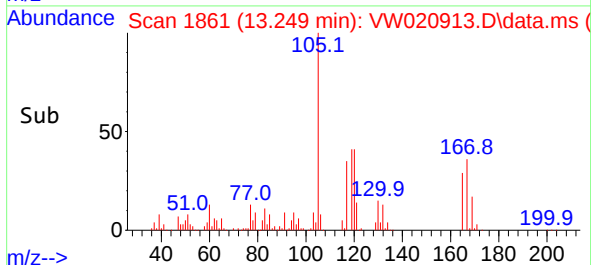
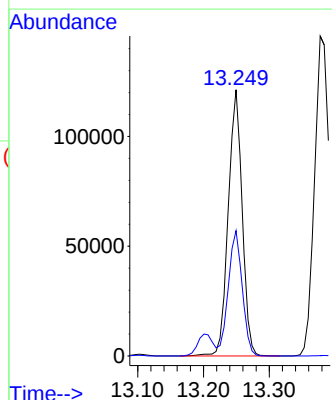
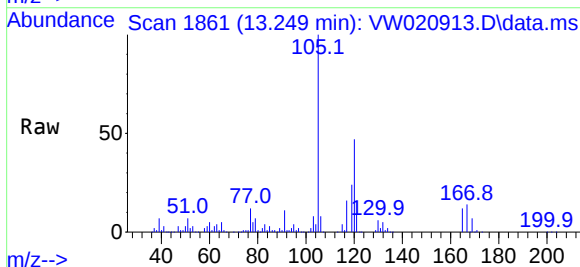
Manual Integrations
APPROVED

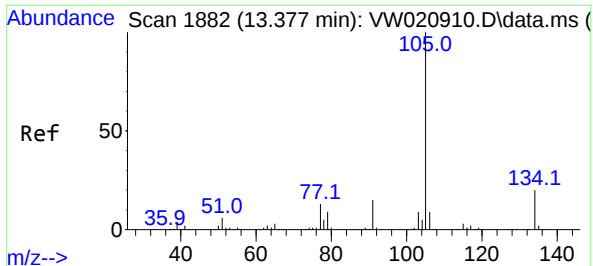
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 49.464 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

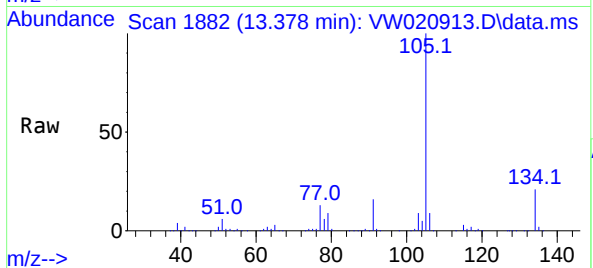
Tgt Ion:105 Resp: 178906
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.1





#85
sec-Butylbenzene
Concen: 49.173 ug/l
RT: 13.378 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

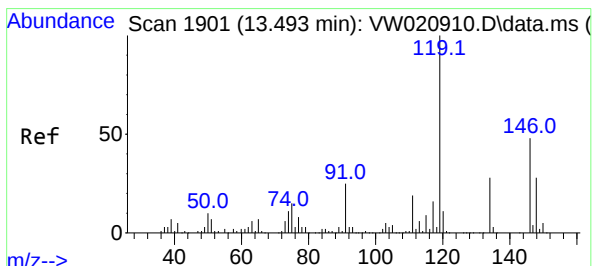
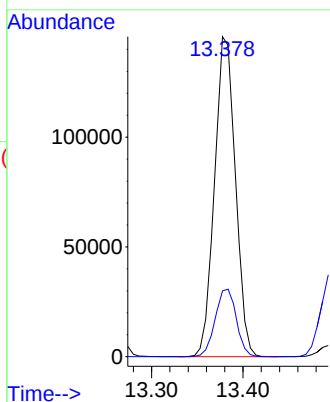
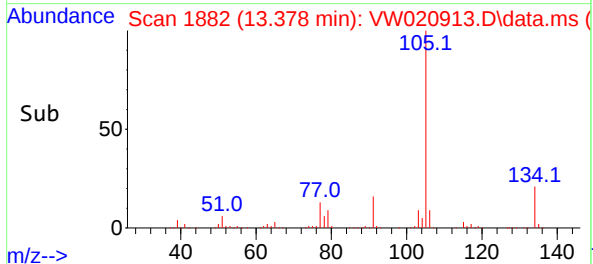
Instrument :
MSVOA_W
ClientSampleId :
ICVW111721



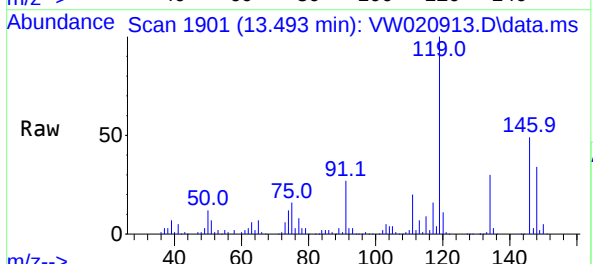
Tgt Ion:105 Resp: 23166
Ion Ratio Lower Upper
105 100
134 21.3 10.4 31.4

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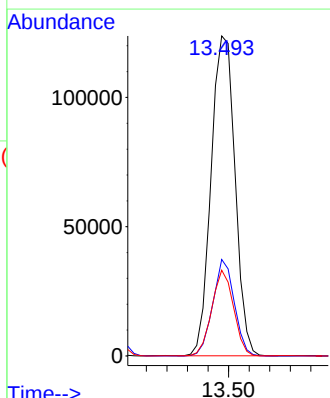
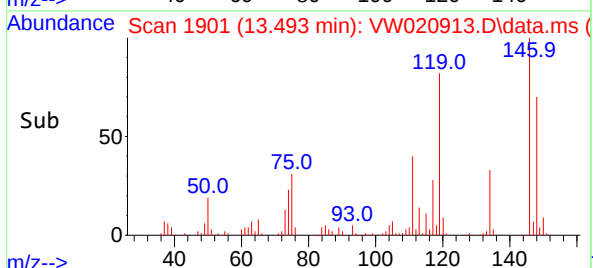
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



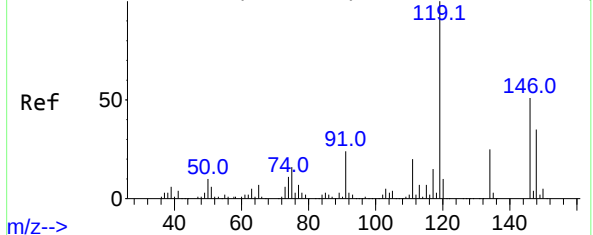
#86
p-Isopropyltoluene
Concen: 49.170 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46



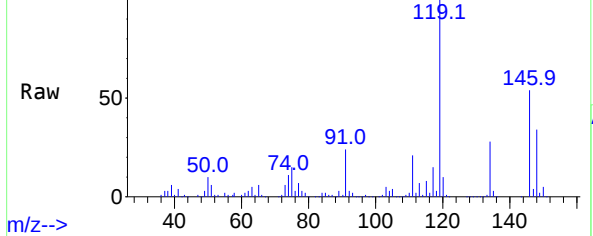
Tgt Ion:119 Resp: 199699
Ion Ratio Lower Upper
119 100
134 27.2 13.2 39.5
91 24.4 11.9 35.9



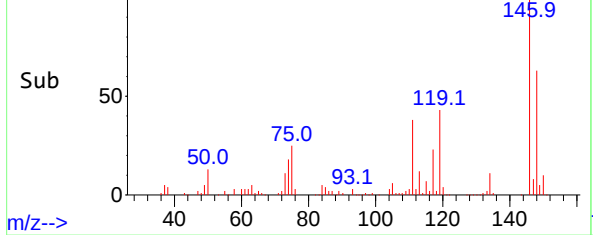
Abundance Scan 1902 (13.499 min): VW020910.D\data.ms (



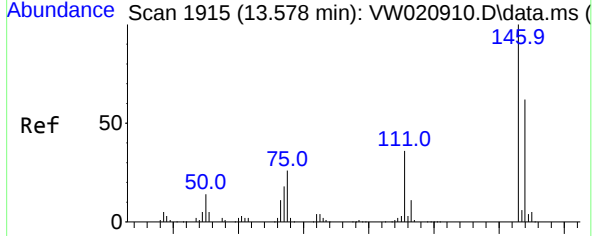
m/z--> Abundance Scan 1902 (13.499 min): VW020913.D\data.ms



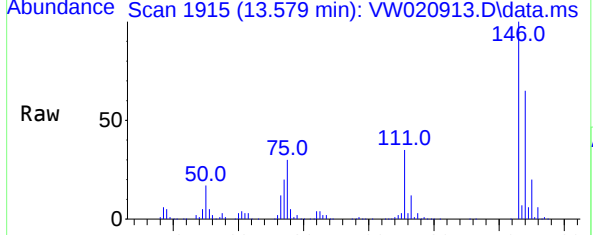
m/z--> Abundance Scan 1902 (13.499 min): VW020913.D\data.ms (



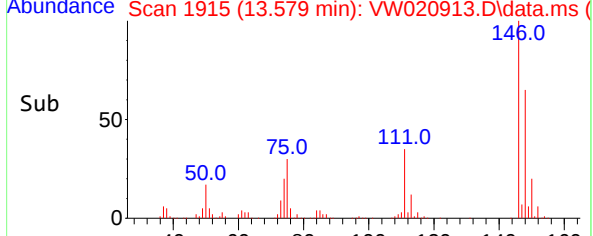
m/z--> Abundance Scan 1915 (13.578 min): VW020910.D\data.ms (



m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms



m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (



m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (



m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

m/z--> Abundance Scan 1915 (13.579 min): VW020913.D\data.ms (

#87

1,3-Dichlorobenzene

Concen: 50.484 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Tgt Ion:146 Resp: 10614

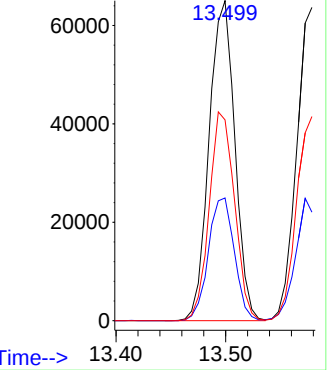
Ion Ratio Lower Upper

146 100

111 38.7 20.0 59.9

148 64.3 31.7 95.1

Abundance



#88

1,4-Dichlorobenzene

Concen: 49.161 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020913.D

Acq: 17 Nov 2021 19:46

Tgt Ion:146 Resp: 103871

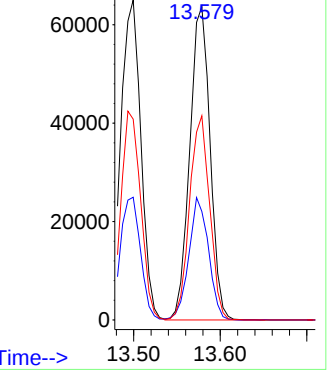
Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.4

148 64.5 31.1 93.2

Abundance



Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Instrument :

MSVOA_W

ClientSampleId :

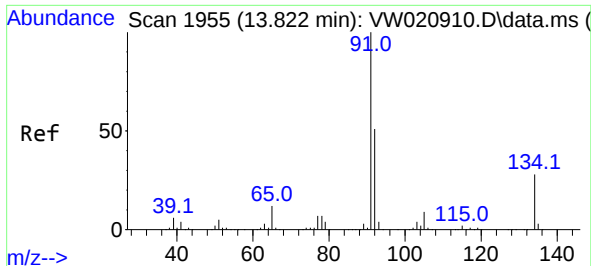
ICVW111721

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



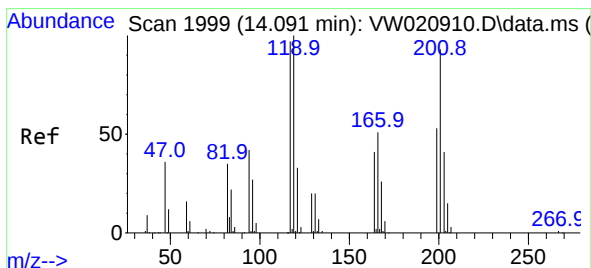
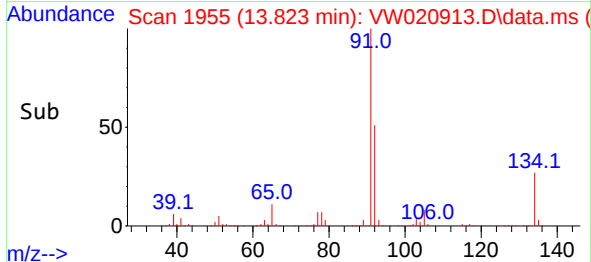
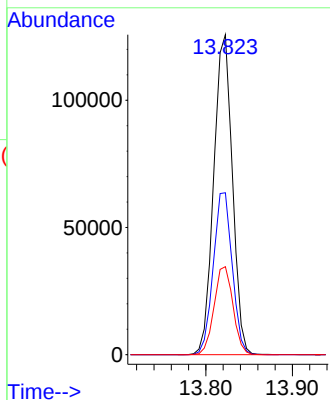
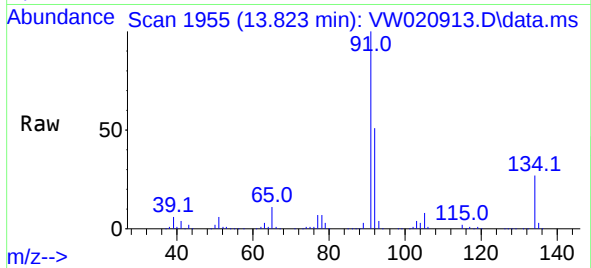
#89
n-Butylbenzene
Concen: 51.623 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVWV111721

Tgt Ion: 91 Resp: 188250
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.4
134 27.9 13.6 40.8

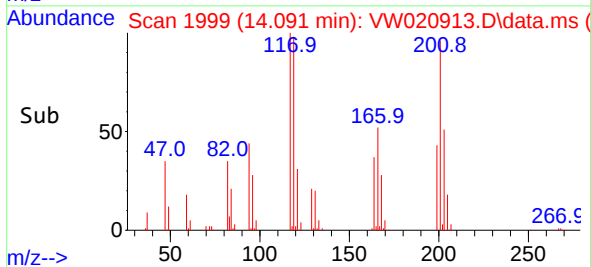
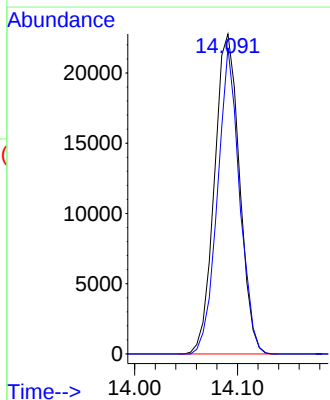
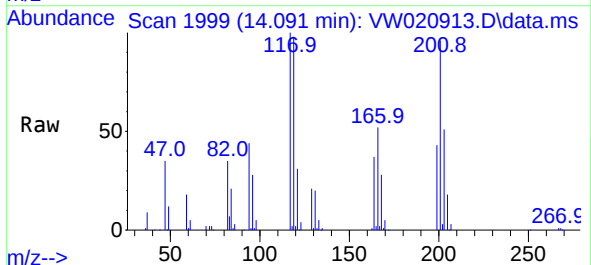
Manual Integrations
APPROVED

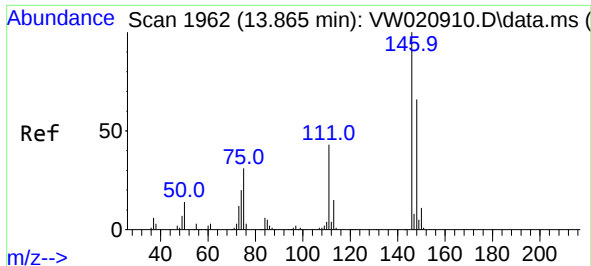
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 50.176 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion:117 Resp: 38379
Ion Ratio Lower Upper
117 100
201 84.7 43.8 131.4





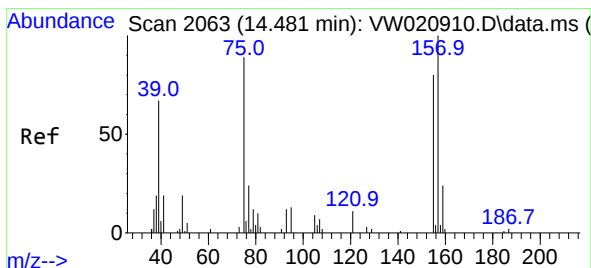
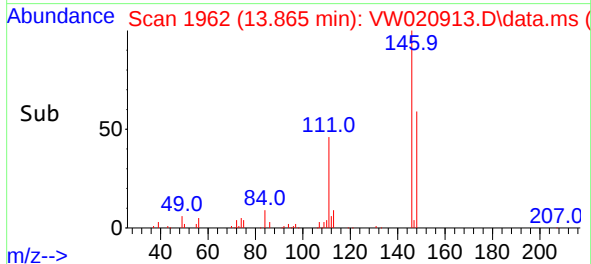
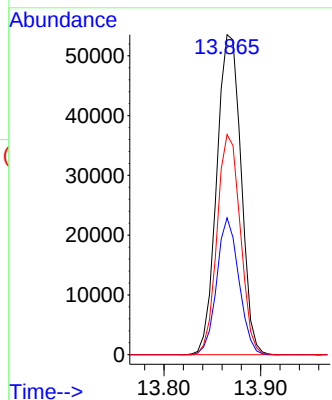
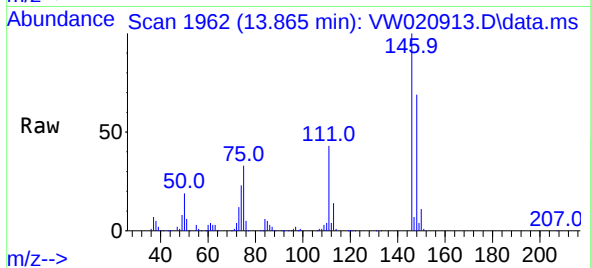
#91
1,2-Dichlorobenzene
Concen: 50.500 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion:146 Resp: 93284
Ion Ratio Lower Upper
146 100
111 39.0 21.1 63.3
148 65.8 32.6 97.8

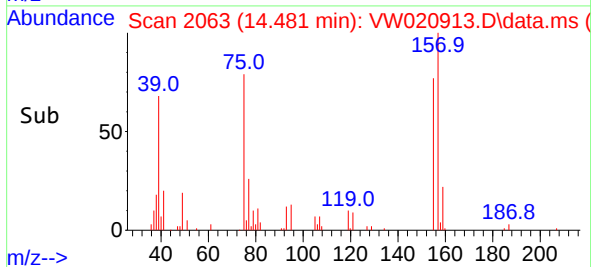
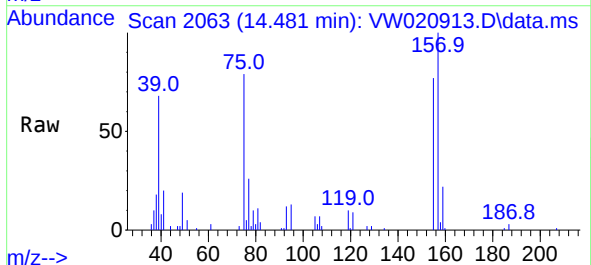
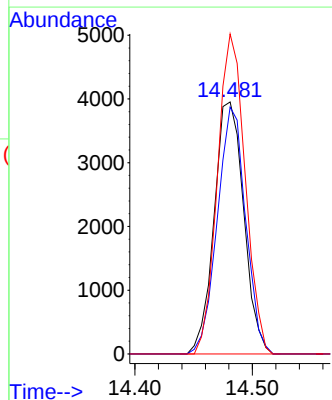
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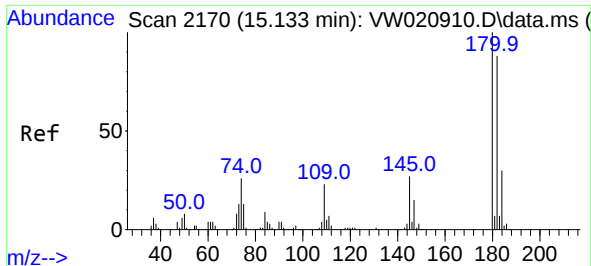
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.914 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion: 75 Resp: 6924
Ion Ratio Lower Upper
75 100
155 93.5 45.9 137.6
157 118.8 57.8 173.4





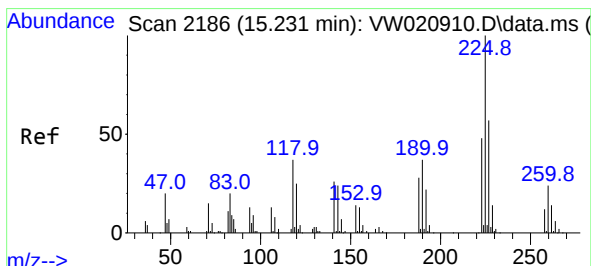
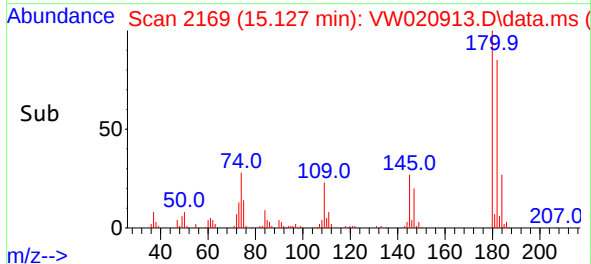
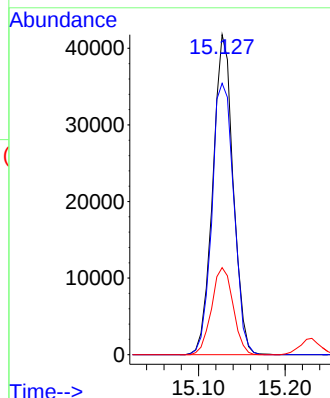
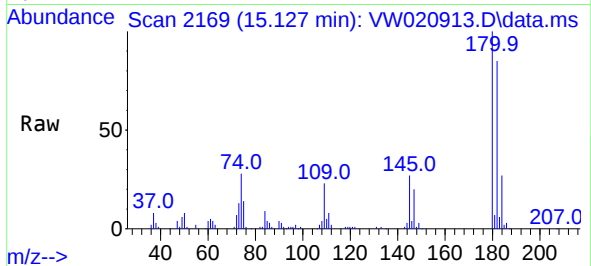
#93
1,2,4-Trichlorobenzene
Concen: 51.820 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion:180 Resp: 68209
Ion Ratio Lower Upper
180 100
182 91.2 46.5 139.3
145 28.8 15.0 45.1

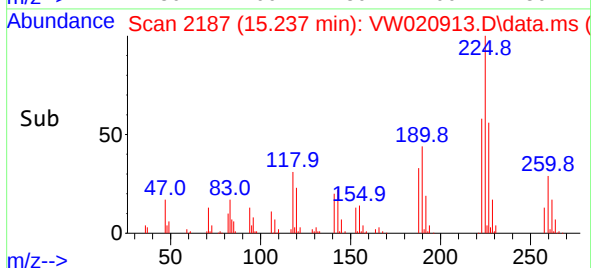
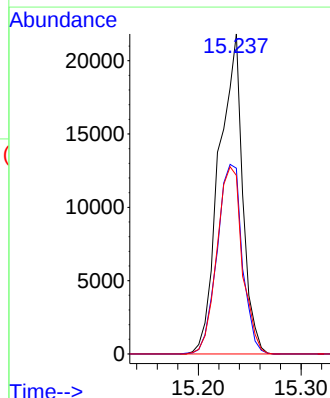
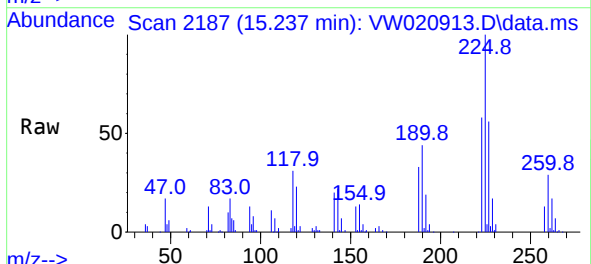
Manual Integrations
APPROVED

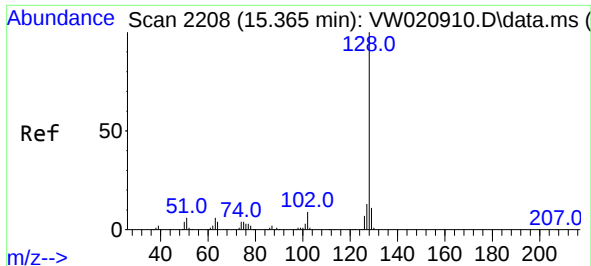
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 46.491 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion:225 Resp: 34703
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.3
227 63.0 32.8 98.3





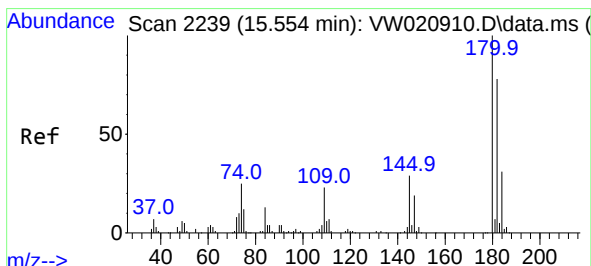
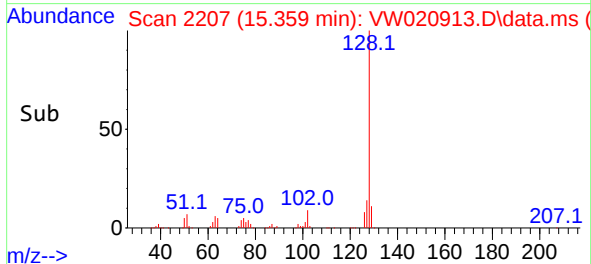
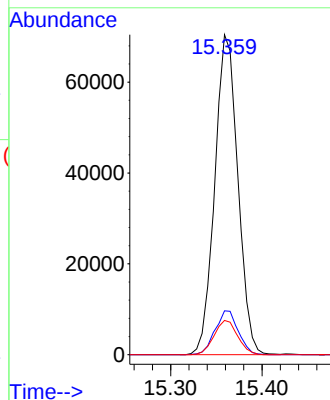
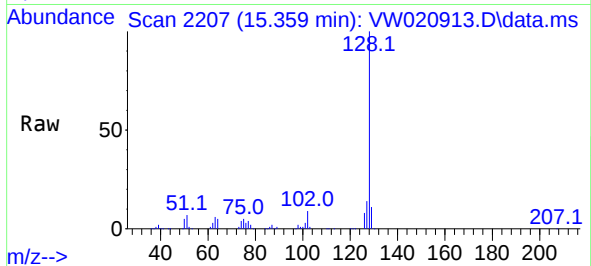
#95
Naphthalene
Concen: 50.694 ug/l
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW111721

Tgt Ion:128 Resp: 12367
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.9 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 50.044 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020913.D
Acq: 17 Nov 2021 19:46

Tgt Ion:180 Resp: 58085
Ion Ratio Lower Upper
180 100
182 94.8 46.2 138.6
145 30.1 14.9 44.5

