

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022105.D
 Acq On : 23 Feb 2022 13:13
 Operator : SY/VA
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 01:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	161678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75491	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	5691	2.699	ug/L	0.00
7) Chloroethane-d5	2.885	69	4993	3.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	8631	2.673	ug/L	0.00
21) 2-Butanone-d5	7.098	46	1371	3.752	ug/L	0.02
24) Chloroform-d	7.647	84	9330	2.586	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	5228	2.788	ug/L	0.00
32) Benzene-d6	8.275	84	17094	2.462	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	5013	2.599	ug/L	0.00
41) Toluene-d8	10.323	98	17064	2.472	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1987	2.324	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	1286	4.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	4284	2.531	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	6323	2.608	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	793	1.755	ug/L #	74
3) Chloromethane	2.209	50	4880	3.152	ug/L	92
5) Vinyl chloride	2.361	62	7267	3.124	ug/L	91
6) Bromomethane	2.776	94	5781	3.558	ug/L	98
8) Chloroethane	2.916	64	4015	3.072	ug/L	97
9) Trichlorofluoromethane	3.257	101	4484	2.839	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	5646	2.930	ug/L #	71
12) 1,1-Dichloroethene	4.038	96	4722	2.827	ug/L	91
13) Acetone	4.154	43	1078	3.802	ug/L	72
14) Carbon disulfide	4.379	76	12314	2.844	ug/L	96
15) Methyl Acetate	4.690	43	1784	2.748	ug/L #	83
17) trans-1,2-Dichloroethene	5.428	96	5035	2.745	ug/L	87
18) Methyl tert-butyl Ether	5.422	73	3740	1.499	ug/L	96
19) 1,1-Dichloroethane	6.214	63	8069	2.717	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	5411	2.723	ug/L	84
22) 2-Butanone	7.183	43	2153	5.126	ug/L	83
23) Bromochloromethane	7.519	128	2581	2.659	ug/L	94
25) Chloroform	7.677	83	9910	2.860	ug/L	96
27) 1,2-Dichloroethane	8.403	62	5865	2.748	ug/L	95
29) Cyclohexane	7.952	56	6296	2.535	ug/L #	68
30) 1,1,1-Trichloroethane	7.878	97	8105	2.700	ug/L #	84
31) Carbon tetrachloride	8.074	117	7511	2.633	ug/L	100
33) Benzene	8.323	78	19401	2.689	ug/L	100
34) Trichloroethene	9.092	95	5900	2.856	ug/L	92
35) Methylcyclohexane	9.342	83	8323	2.605	ug/L	97
37) 1,2-Dichloropropane	9.372	63	4468	2.655	ug/L #	95
38) Bromodichloromethane	9.646	83	6452	2.673	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	5639	2.204	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	4198	4.619	ug/L	97
42) Toluene	10.390	91	20581	2.521	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	5232	2.276	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	4202	2.816	ug/L	94

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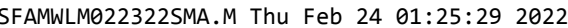
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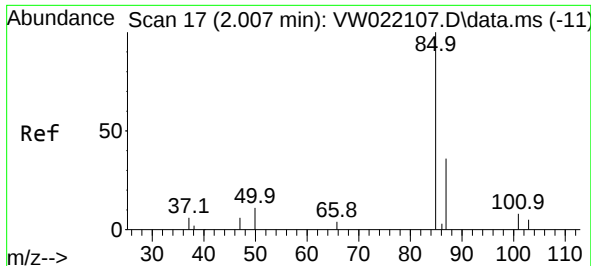
Quant Time: Feb 24 01:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.866	164	5086	2.811	ug/L	93
48) 2-Hexanone	10.969	43	2870	4.550	ug/L #	98
49) Dibromochloromethane	11.128	129	4198	2.316	ug/L	97
50) 1,2-Dibromoethane	11.238	107	3546	2.463	ug/L	95
51) Chlorobenzene	11.658	112	15350	2.701	ug/L	99
52) Ethylbenzene	11.731	91	23167	2.564	ug/L	99
53) m,p-Xylene	11.841	106	9157	2.463	ug/L	95
54) o-Xylene	12.164	106	8442	2.413	ug/L	85
55) Styrene	12.176	104	13597	2.318	ug/L #	80
57) 1,1,2,2-Tetrachloroethane	12.713	83	4640	2.680	ug/L #	92
59) Bromoform	12.353	173	2374	2.378	ug/L #	97
60) Isopropylbenzene	12.463	105	22476	2.480	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	3418	2.869	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	14145	2.347	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	17545	2.382	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	12564	2.795	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	13100	2.908	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	10927	2.734	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.621	75	1590	6.311	ug/L #	5
69) 1,3,5-Trichlorobenzene	14.627	180	9126	2.828	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	6509	2.666	ug/L	99
71) Naphthalene	15.359	128	9456	2.194	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	5468	2.589	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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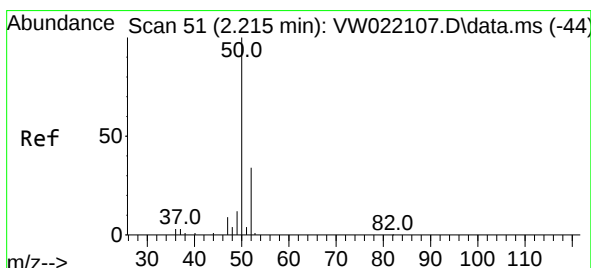
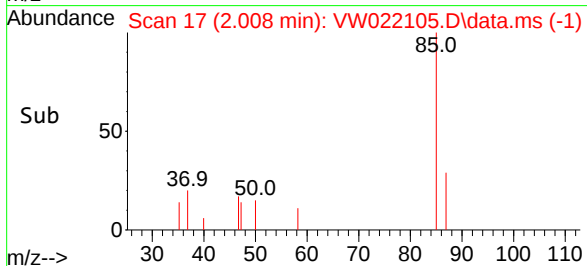
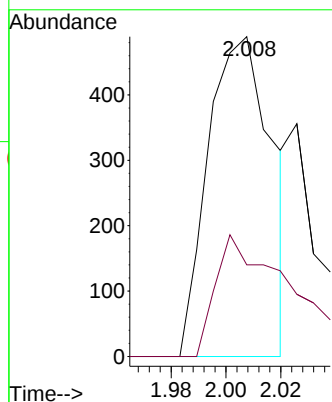
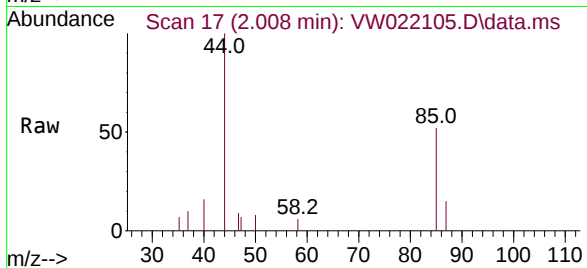




#2
Dichlorodifluoromethane
Concen: 1.755 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

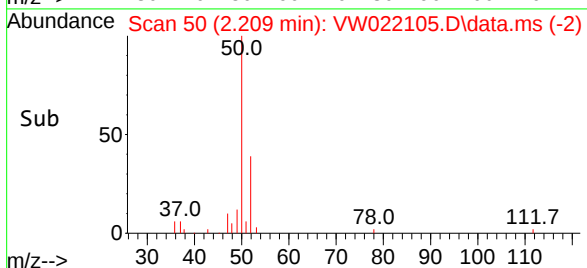
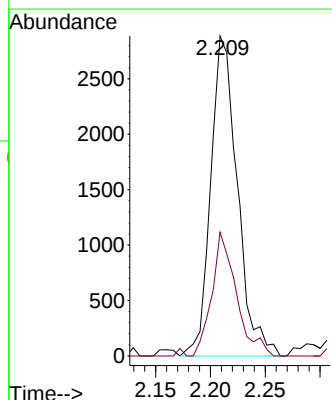
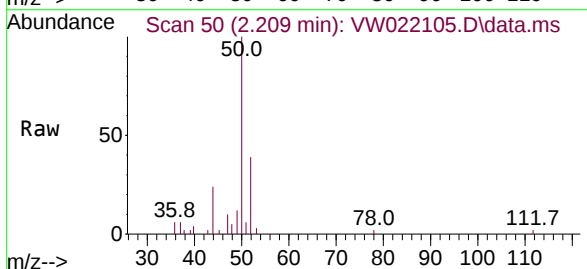
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ClientSampleId :

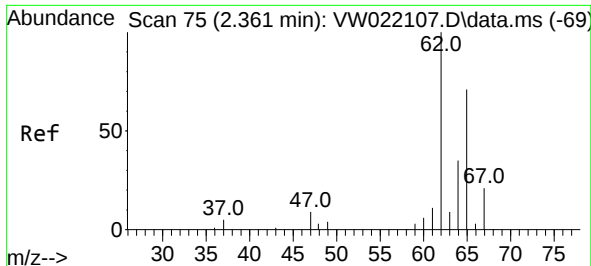
Tgt Ion: 85 Resp: 793
Ion Ratio Lower Upper
85 100
87 19.7 27.6 41.4#



#3
Chloromethane
Concen: 3.152 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

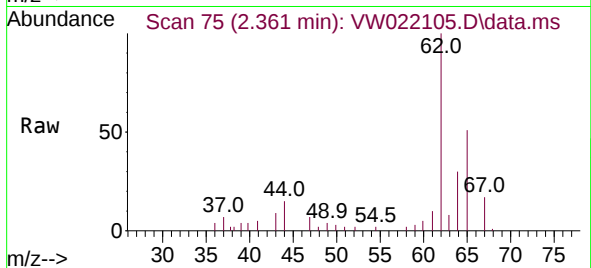
Tgt Ion: 50 Resp: 4880
Ion Ratio Lower Upper
50 100
52 38.7 23.9 44.5



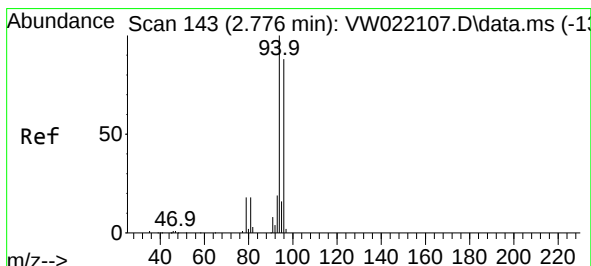
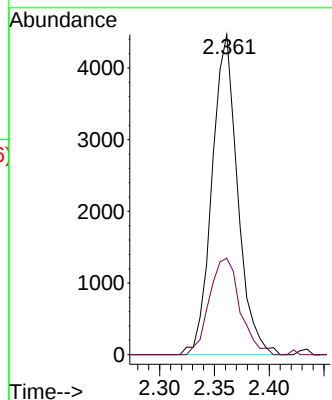
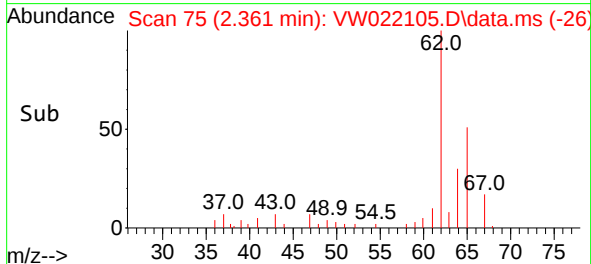


#5
 Vinyl chloride
 Concen: 3.124 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

Instrument :
 MSVOA_W
 ClientSampleId :

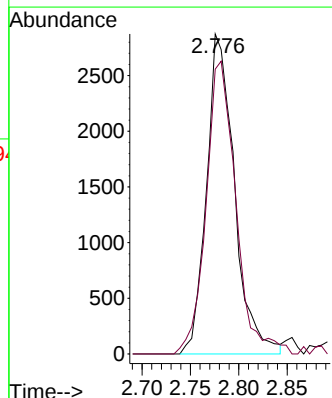
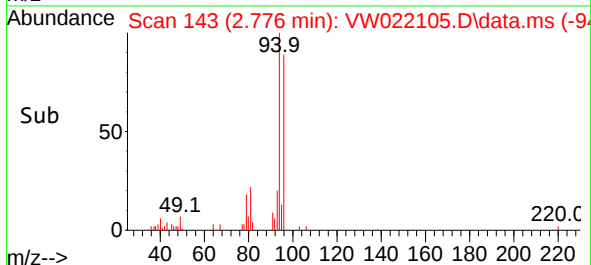
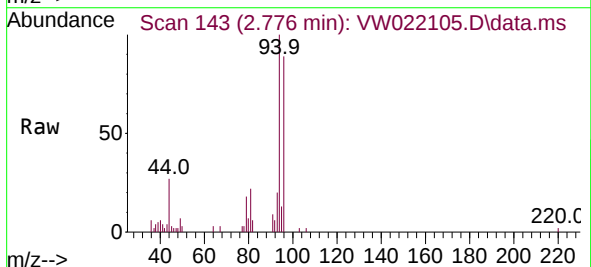


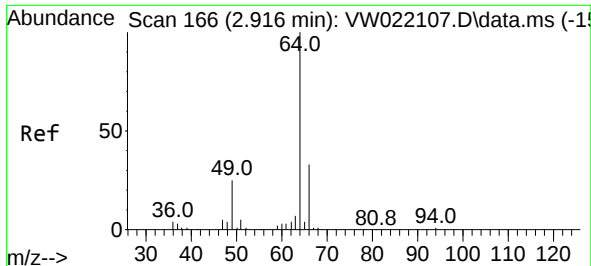
Tgt Ion: 62 Resp: 7267
 Ion Ratio Lower Upper
 62 100
 64 30.2 24.7 45.9



#6
 Bromomethane
 Concen: 3.558 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

Tgt Ion: 94 Resp: 5781
 Ion Ratio Lower Upper
 94 100
 96 89.0 61.2 113.8

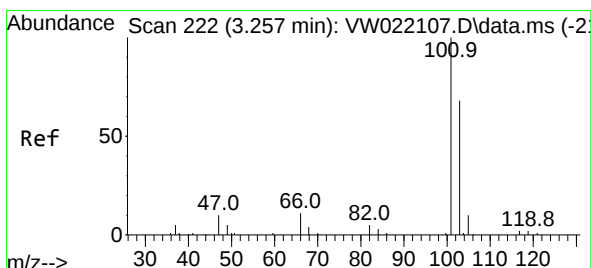
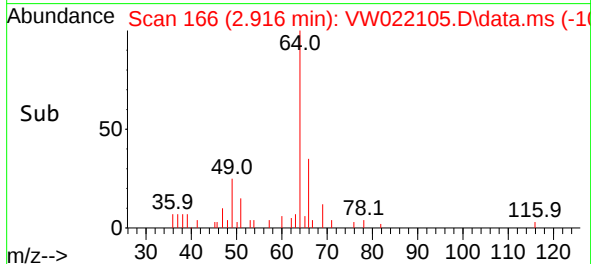
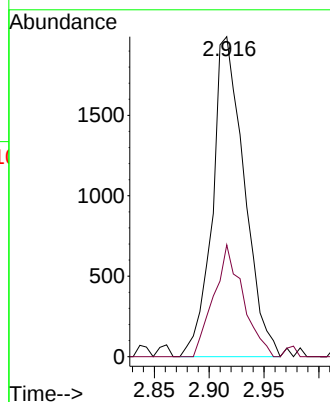
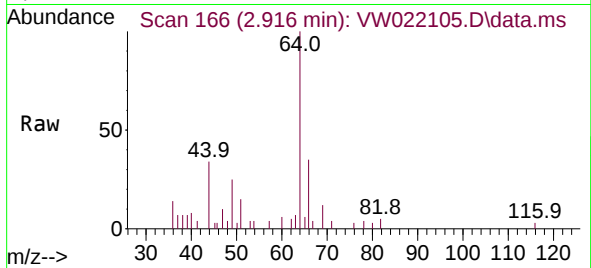




#8
Chloroethane
Concen: 3.072 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

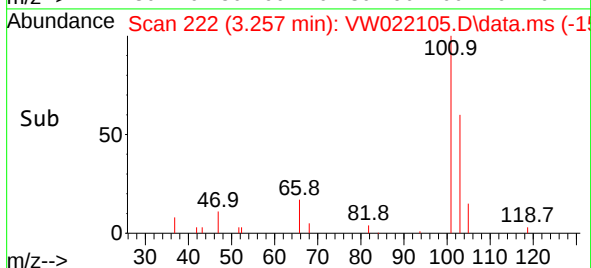
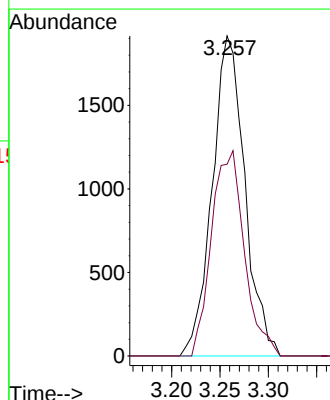
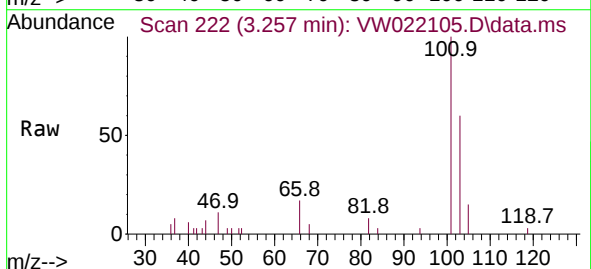
Instrument :
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ClientSampleId :

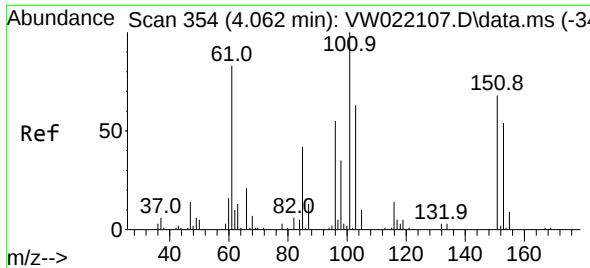
Tgt Ion: 64 Resp: 4015
Ion Ratio Lower Upper
64 100
66 34.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.839 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 101 Resp: 4484
Ion Ratio Lower Upper
101 100
103 64.6 53.2 79.8

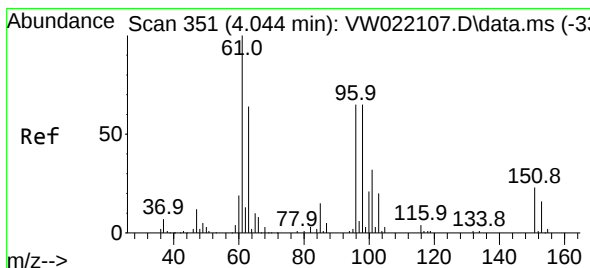
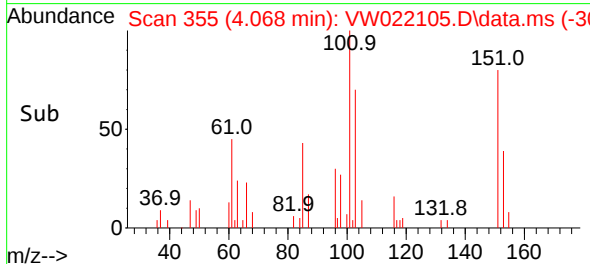
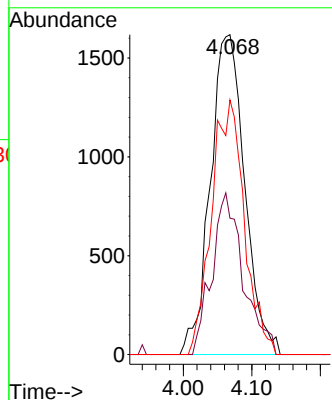
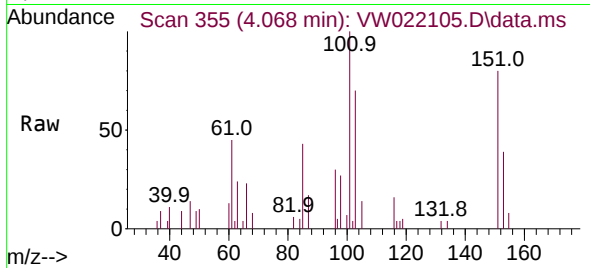




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.930 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

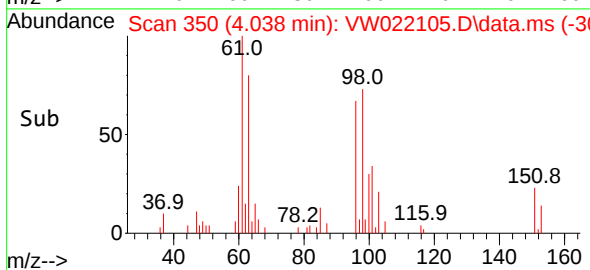
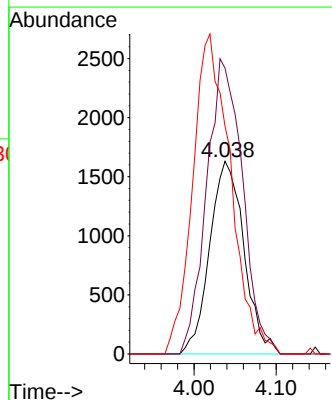
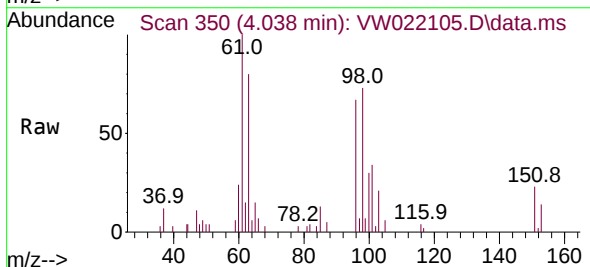
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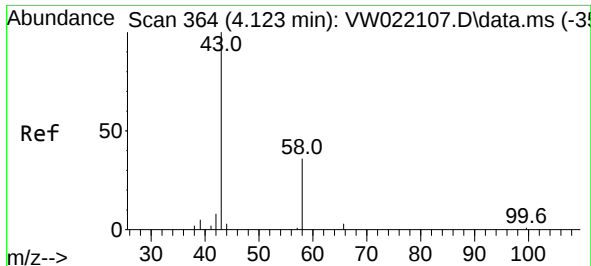
Tgt Ion:101 Resp: 5646
 Ion Ratio Lower Upper
 101 100
 85 40.1 34.4 51.6
 151 37.2 59.0 88.4#



#12
 1,1-Dichloroethene
 Concen: 2.827 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

Tgt Ion: 96 Resp: 4722
 Ion Ratio Lower Upper
 96 100
 61 148.4 108.4 201.2
 63 118.3 72.0 133.6

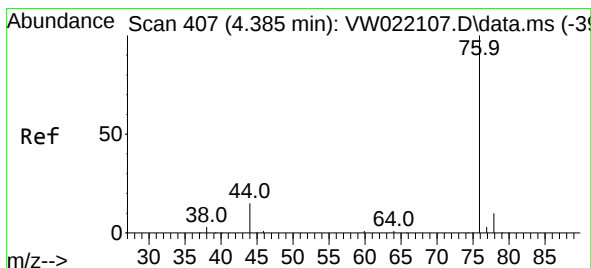
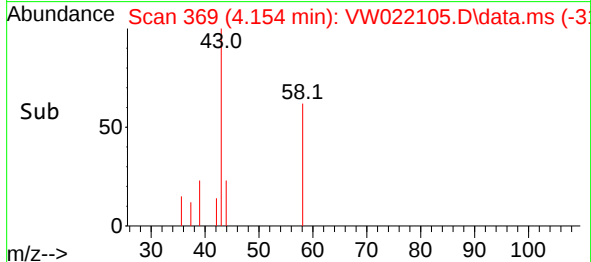
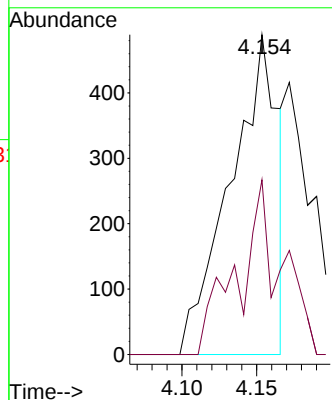
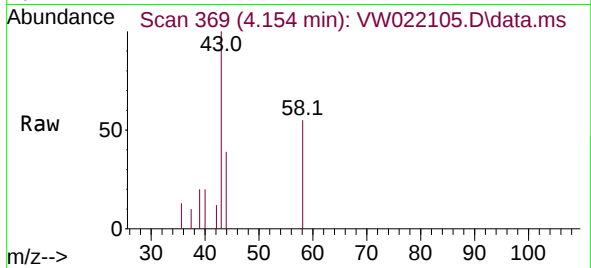




#13
Acetone
Concen: 3.802 ug/L
RT: 4.154 min Scan# 307
Delta R.T. 0.031 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

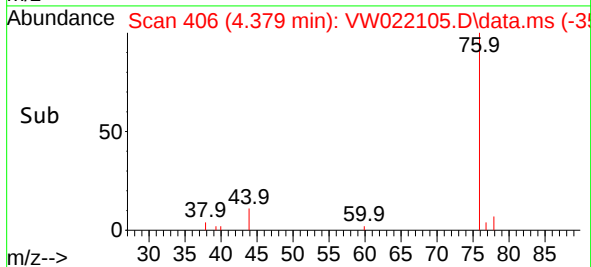
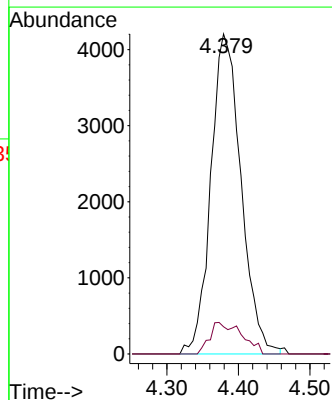
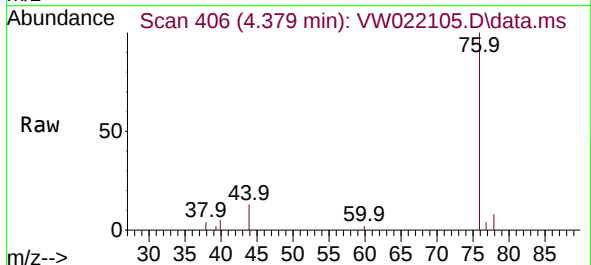
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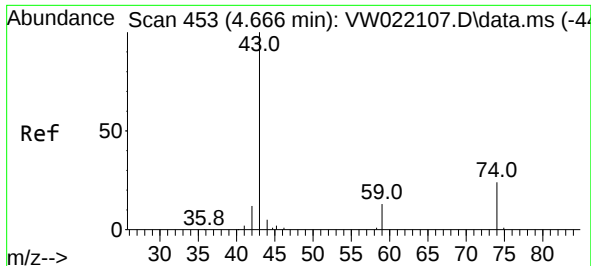
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 18.3 0.0 69.2



#14
Carbon disulfide
Concen: 2.844 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 76 Resp: 12314
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

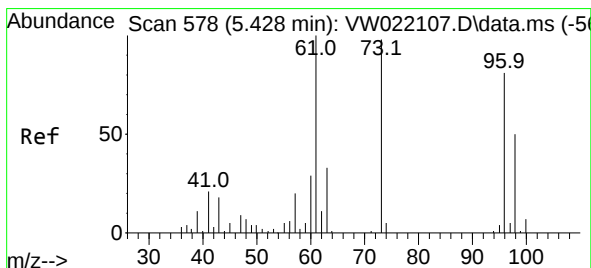
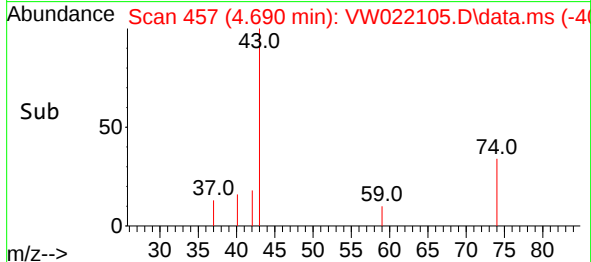
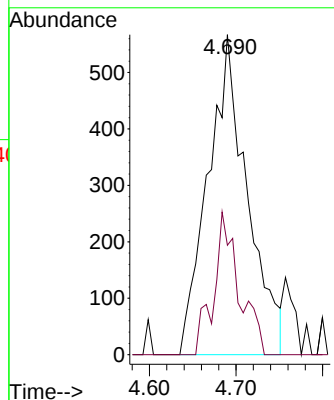
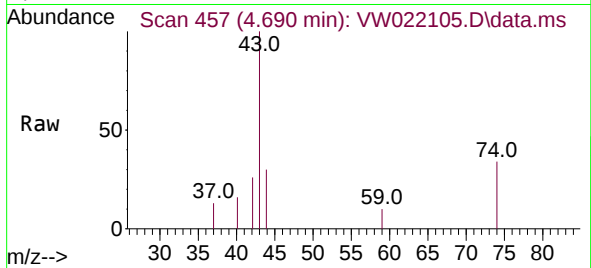




#15
Methyl Acetate
Concen: 2.748 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.024 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

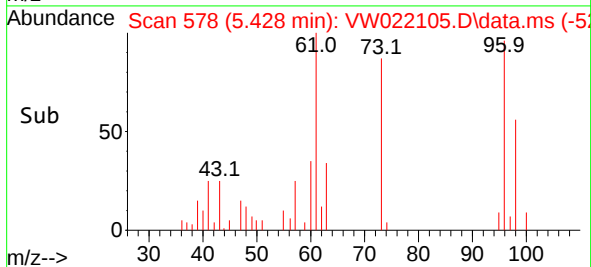
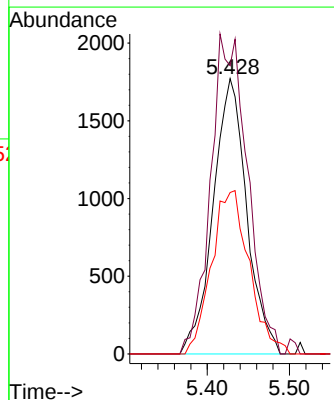
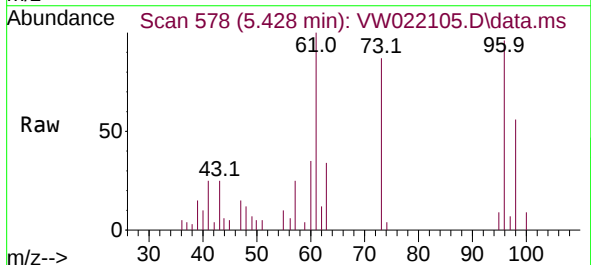
Instrument :
MSVOA_W
ClientSampleId :

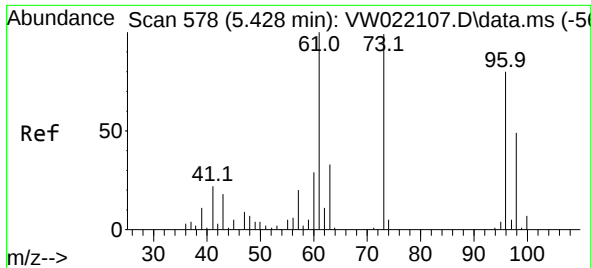
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
74 19.5 23.0 34.6#



#17
trans-1,2-Dichloroethene
Concen: 2.745 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

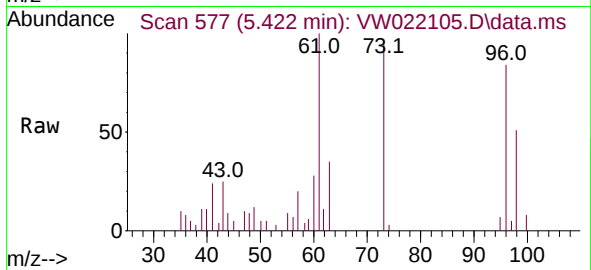
Tgt Ion: 96 Resp: 5035
Ion Ratio Lower Upper
96 100
61 104.7 87.3 162.1
98 58.6 43.2 80.2



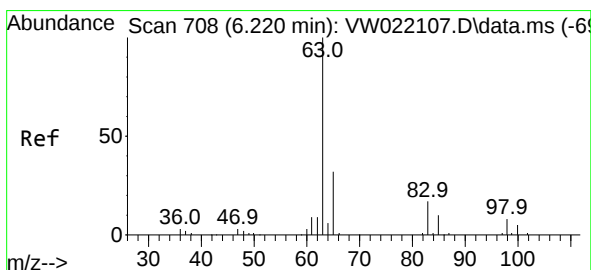
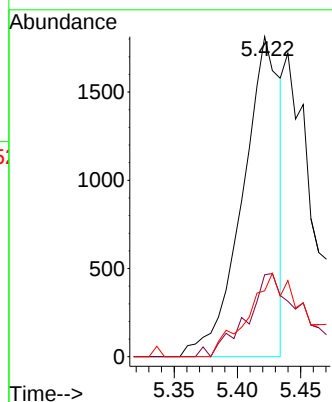
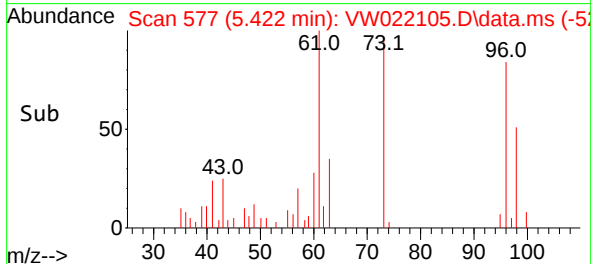


#18
Methyl tert-butyl Ether
Concen: 1.499 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

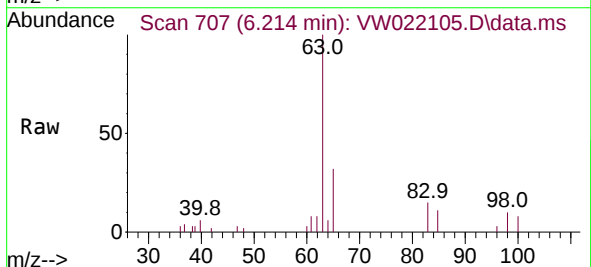
Instrument :
MSVOA_W
ClientSampleId :



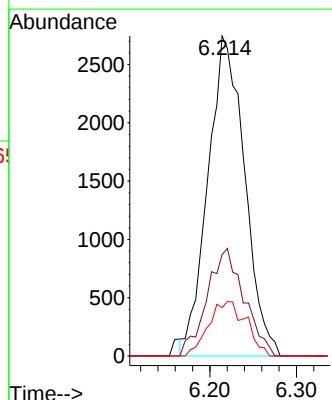
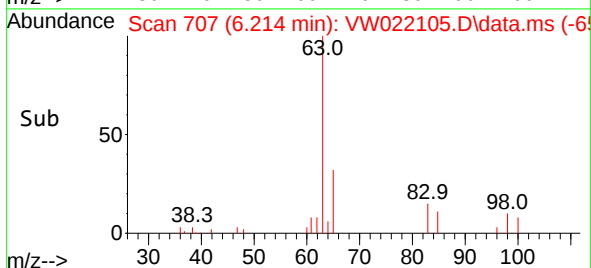
Tgt Ion: 73 Resp: 3740
Ion Ratio Lower Upper
73 100
43 17.3 15.4 23.2
57 22.3 16.5 24.7

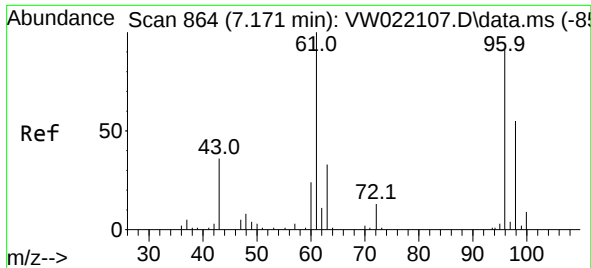


#19
1,1-Dichloroethane
Concen: 2.717 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13



Tgt Ion: 63 Resp: 8069
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 15.2 11.5 21.5

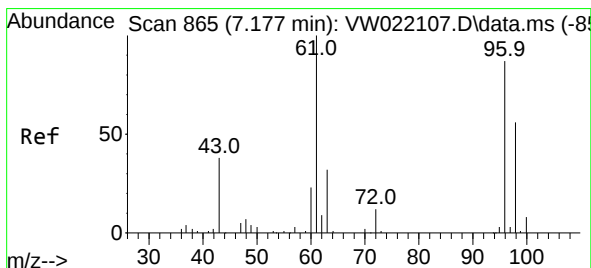
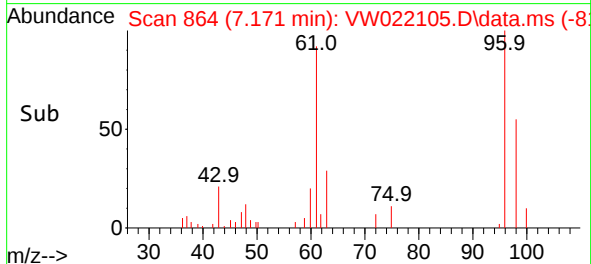
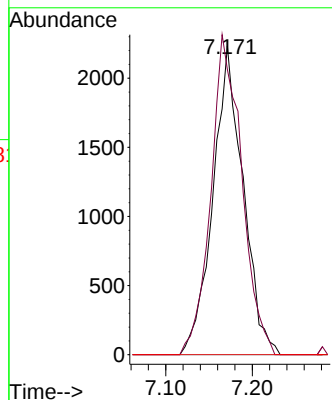
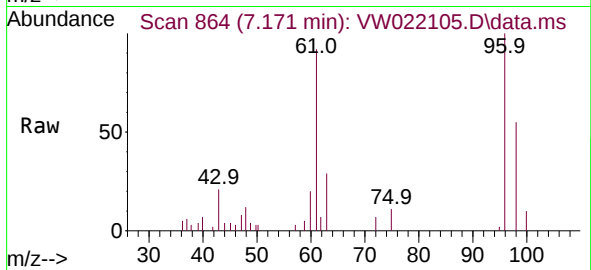




#20
 cis-1,2-Dichloroethene
 Concen: 2.723 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

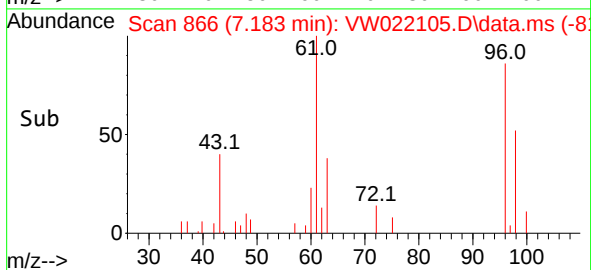
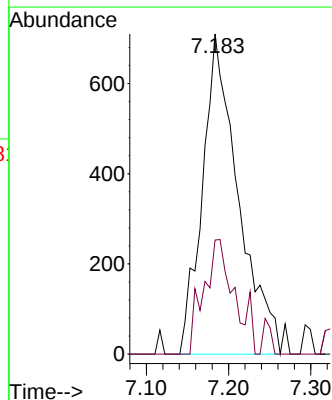
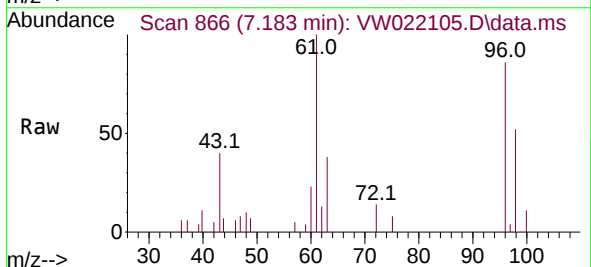
Instrument :
 MSVOA_W
 ClientSampleId :

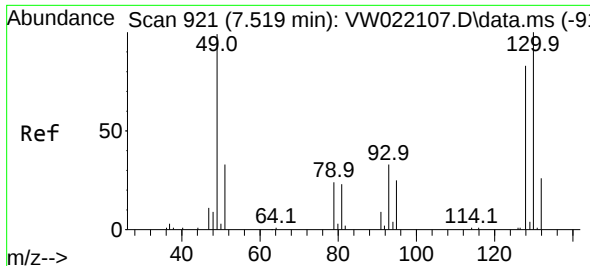
Tgt Ion: 96 Resp: 5411
 Ion Ratio Lower Upper
 96 100
 61 92.4 76.8 142.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 5.126 ug/L
 RT: 7.183 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

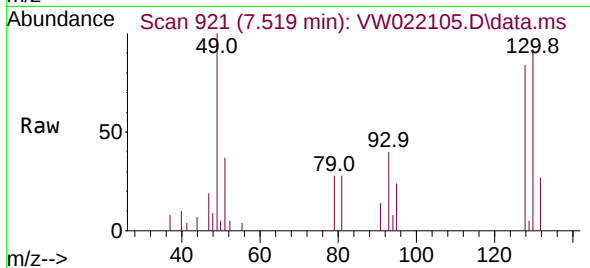
Tgt Ion: 43 Resp: 2153
 Ion Ratio Lower Upper
 43 100
 72 24.1 17.0 51.0



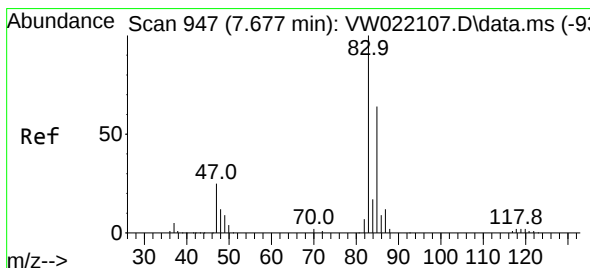
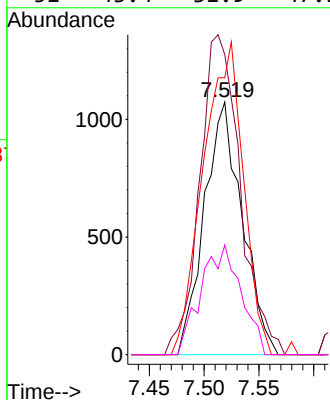
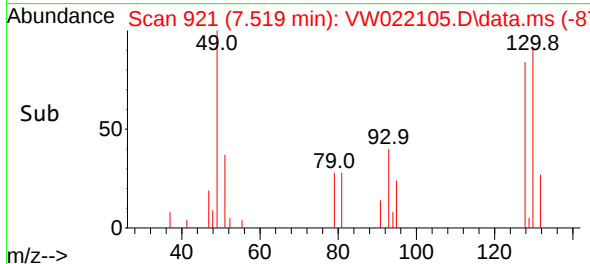


#23
Bromochloromethane
Concen: 2.659 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_W
ClientSampleId :

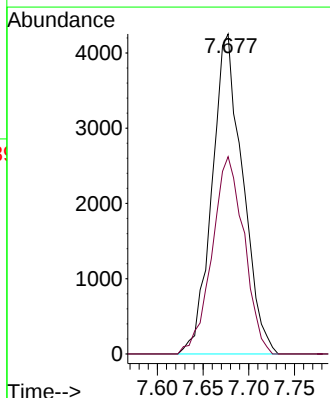
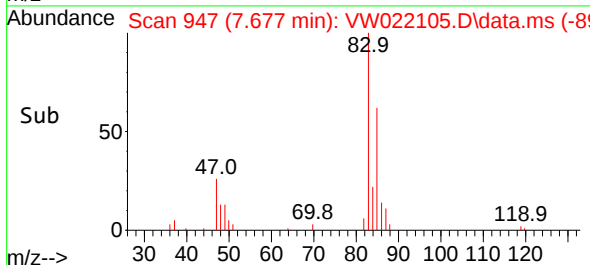
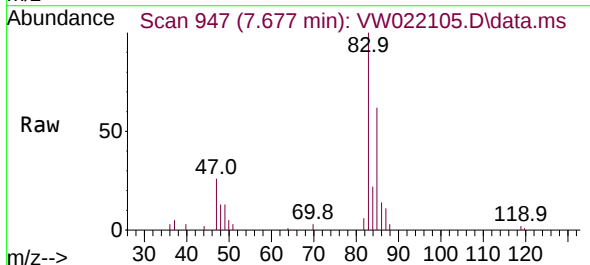


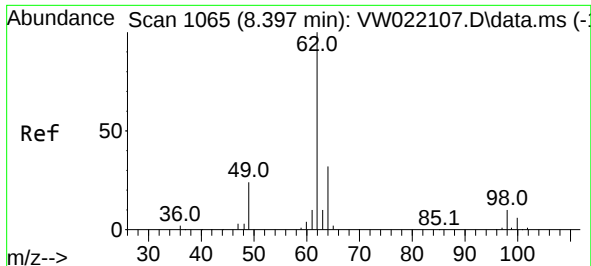
Tgt Ion:	128	Resp:	2581
Ion	Ratio	Lower	Upper
128	100		
49	118.8	84.2	156.4
130	109.6	84.8	157.4
51	43.4	31.9	47.9



#25
Chloroform
Concen: 2.860 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion:	83	Resp:	9910
Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.1	83.9





#27

1,2-Dichloroethane

Concen: 2.748 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022105.D

Acq: 23 Feb 2022 13:13

Instrument :

MSVOA_W

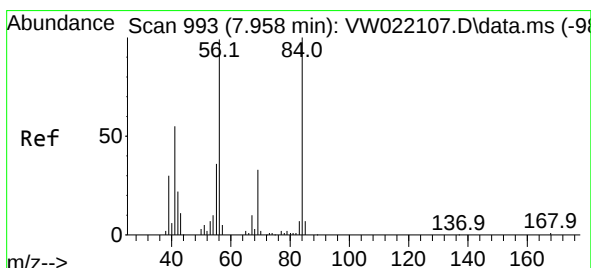
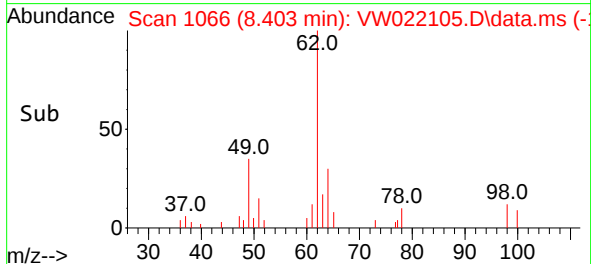
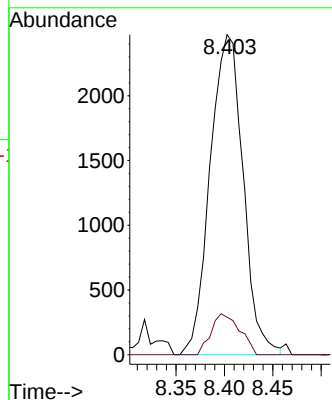
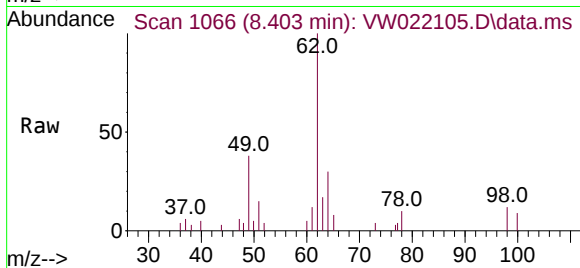
ClientSampleId :

Tgt Ion: 62 Resp: 5865

Ion Ratio Lower Upper

62 100

98 11.7 7.9 11.9



#29

Cyclohexane

Concen: 2.535 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW022105.D

Acq: 23 Feb 2022 13:13

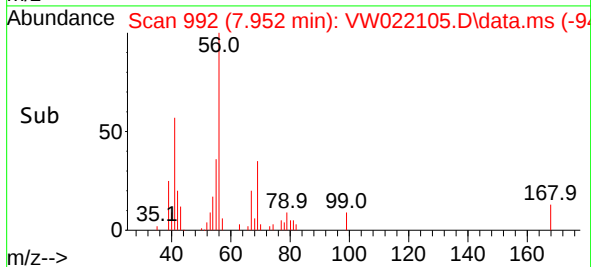
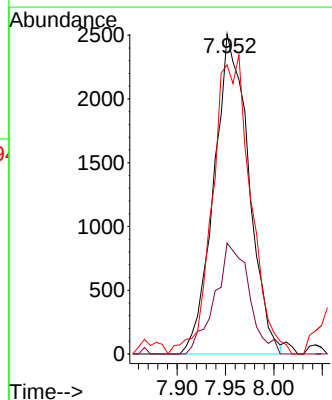
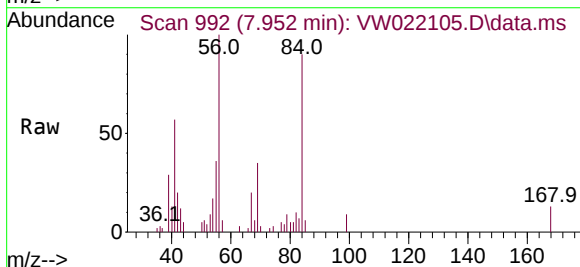
Tgt Ion: 56 Resp: 6296

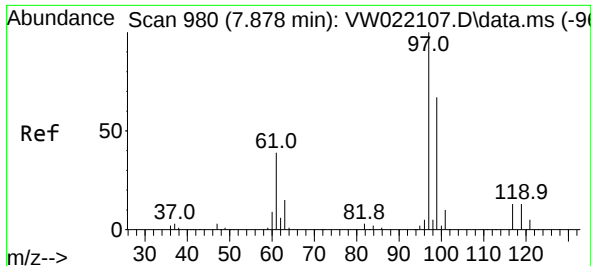
Ion Ratio Lower Upper

56 100

69 33.2 26.3 39.5

84 58.7 81.4 122.2#

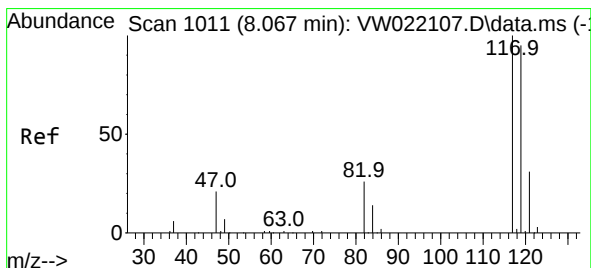
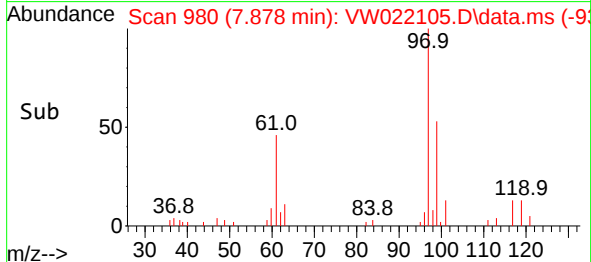
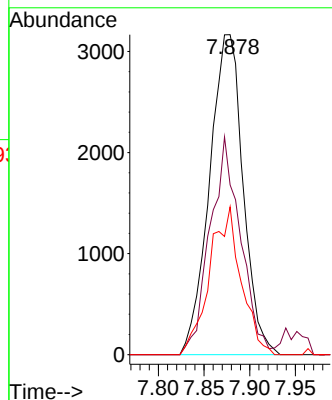
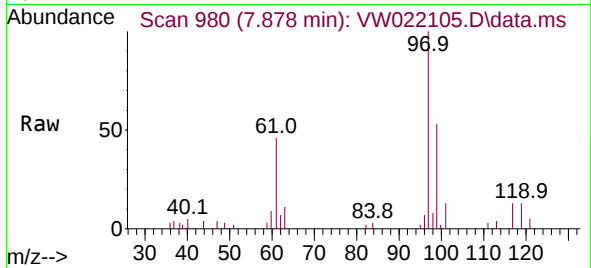




#30
1,1,1-Trichloroethane
Concen: 2.700 ug/L
RT: 7.878 min Scan# 90
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

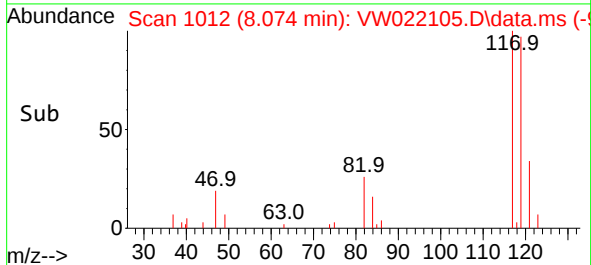
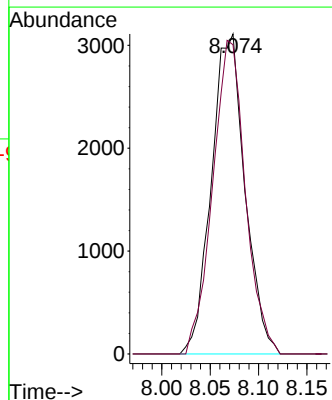
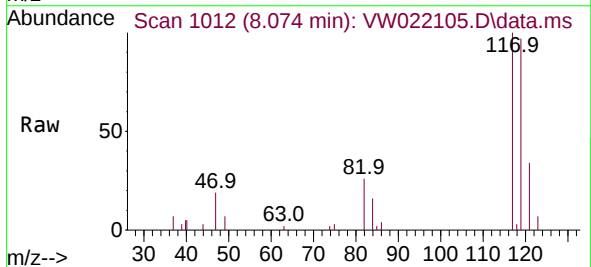
Instrument :
MSVOA_W
ClientSampleId :

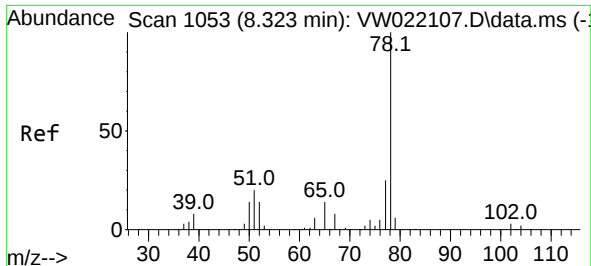
Tgt Ion: 97 Resp: 8105
Ion Ratio Lower Upper
97 100
99 61.7 52.6 78.8
61 19.7 33.0 49.6#



#31
Carbon tetrachloride
Concen: 2.633 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 117 Resp: 7511
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1

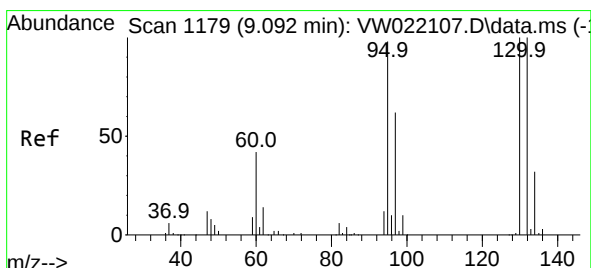
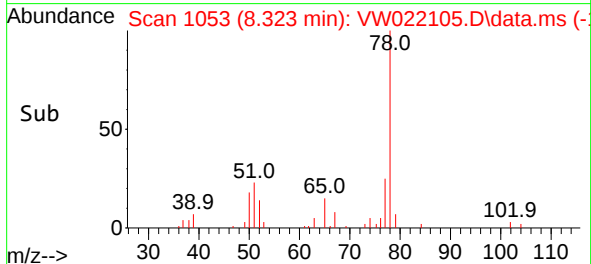
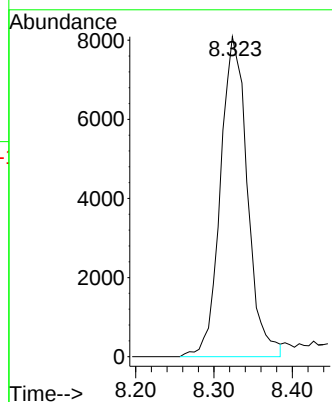
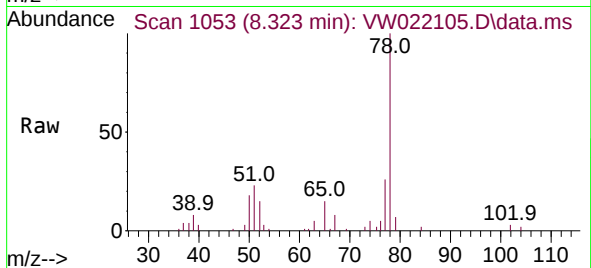




#33
Benzene
Concen: 2.689 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_W
ClientSampleId :

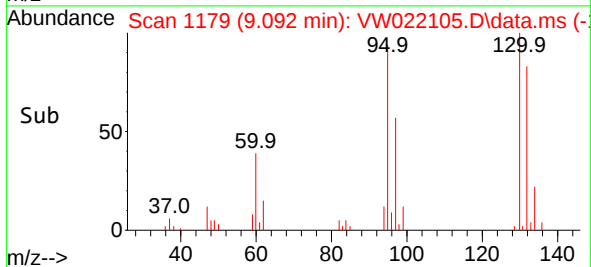
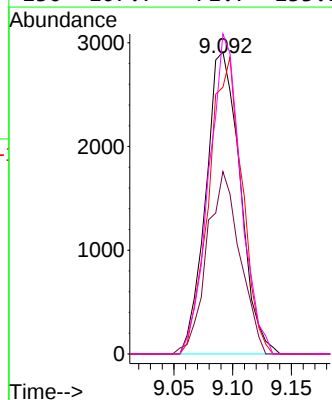
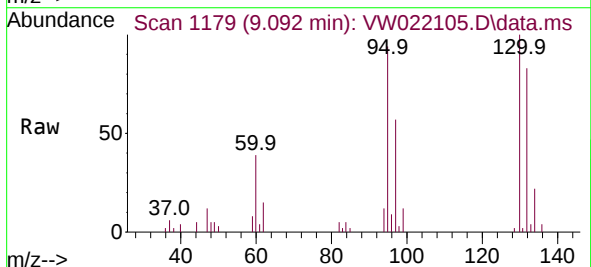
Tgt Ion: 78 Resp: 19401

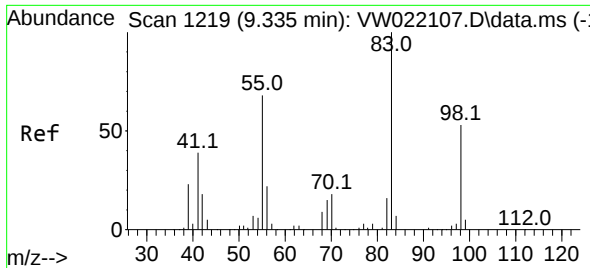


#34
Trichloroethene
Concen: 2.856 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 95 Resp: 5900

Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.4	82.4
132	88.3	71.7	133.1
130	107.7	71.7	133.1

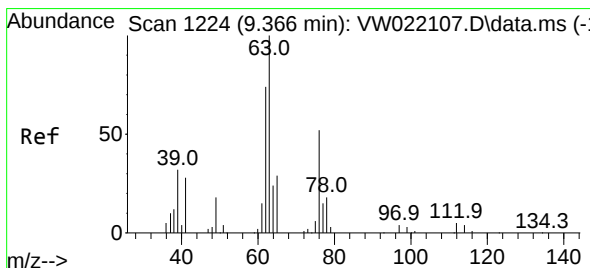
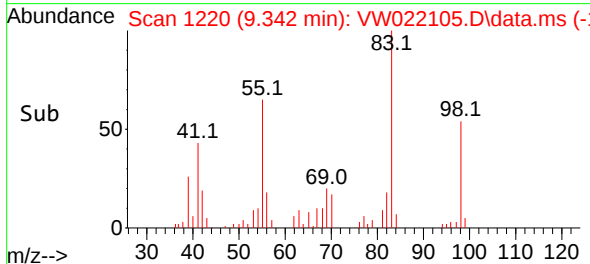
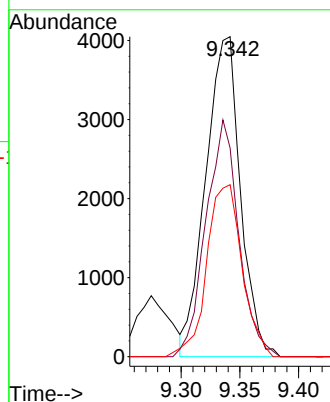
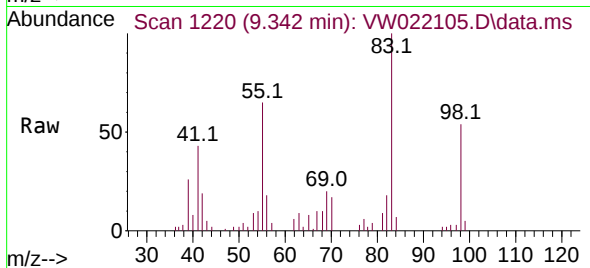




#35
Methylcyclohexane
Concen: 2.605 ug/L
RT: 9.342 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

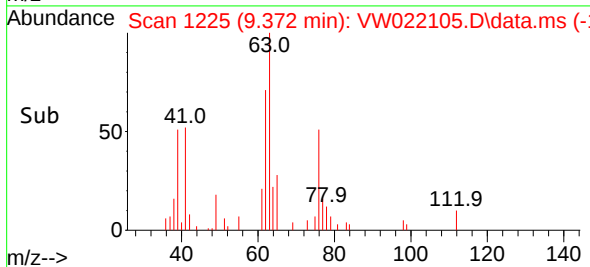
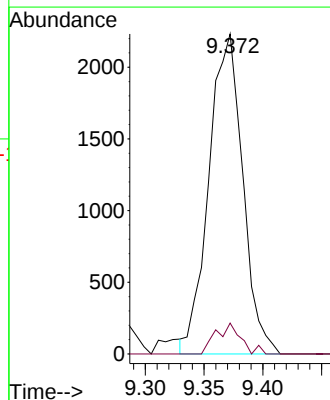
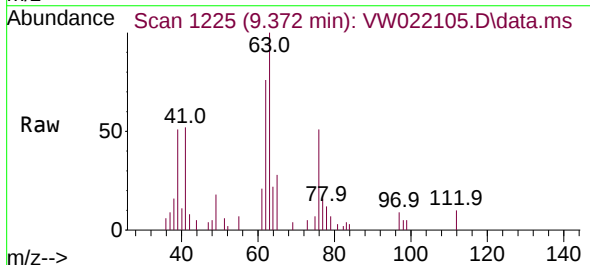
Instrument :
MSVOA_W
ClientSampleId :

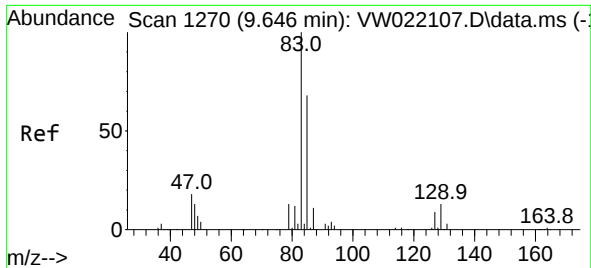
Tgt Ion: 83 Resp: 8323
Ion Ratio Lower Upper
83 100
55 70.0 53.8 80.8
98 54.6 42.1 63.1



#37
1,2-Dichloropropane
Concen: 2.655 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 63 Resp: 4468
Ion Ratio Lower Upper
63 100
112 6.7 4.1 6.1#

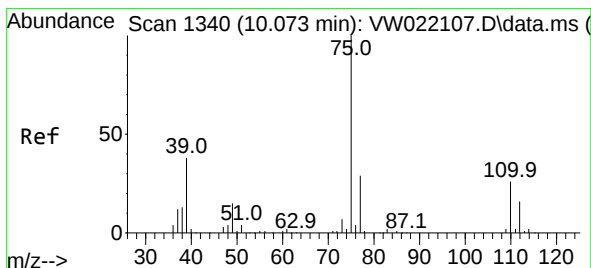
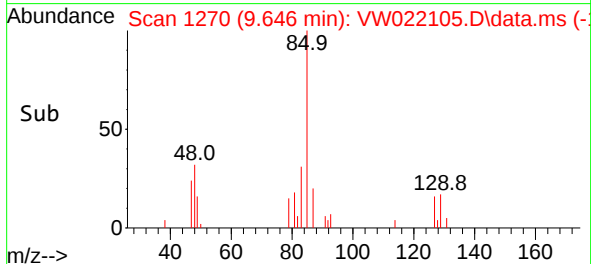
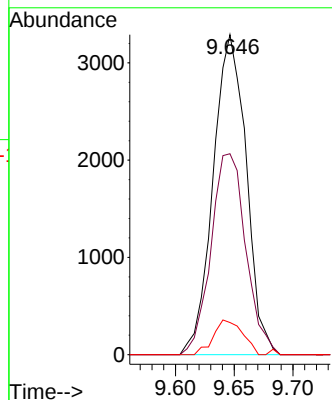
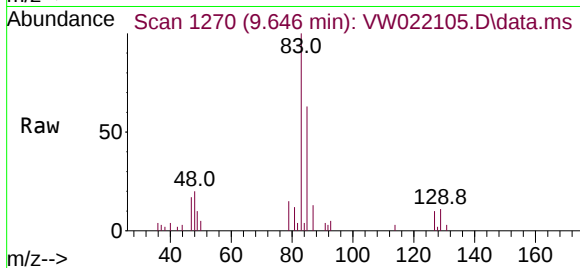




#38
Bromodichloromethane
Concen: 2.673 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

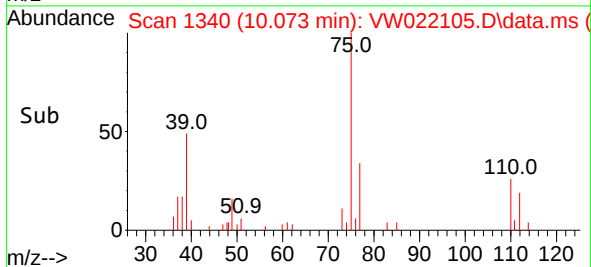
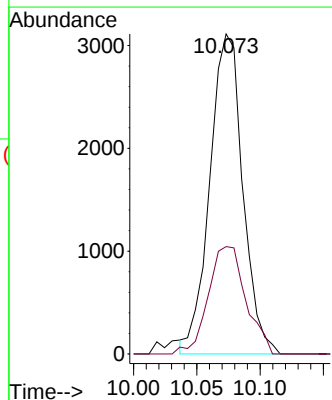
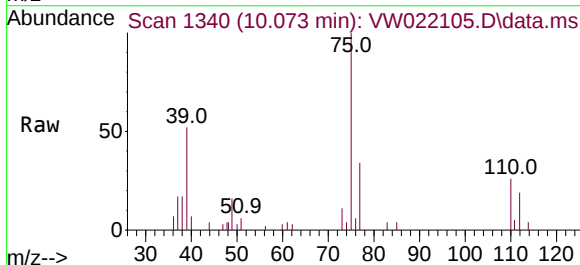
Instrument :
MSVOA_W
ClientSampleId :

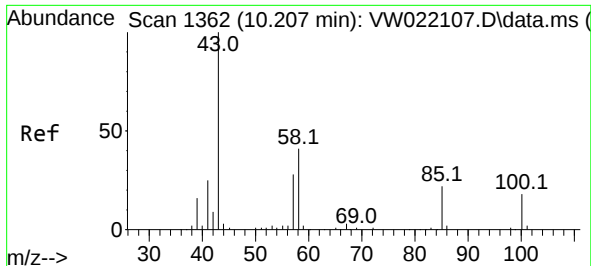
Tgt Ion: 83 Resp: 6452
Ion Ratio Lower Upper
83 100
85 62.8 47.9 89.1
127 10.1 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 2.204 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 75 Resp: 5639
Ion Ratio Lower Upper
75 100
77 33.5 20.6 38.2





#40

4-Methyl-2-pentanone

Concen: 4.619 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022105.D

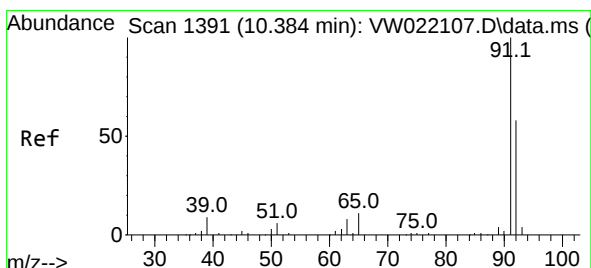
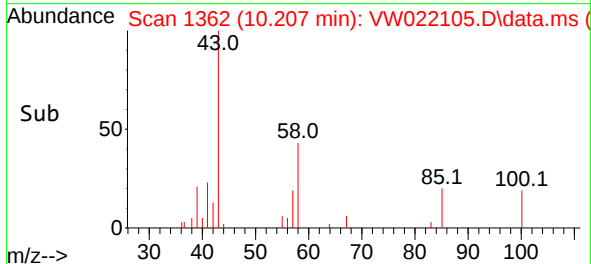
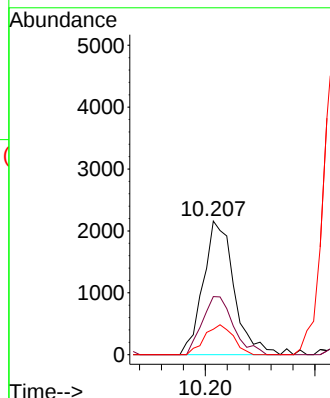
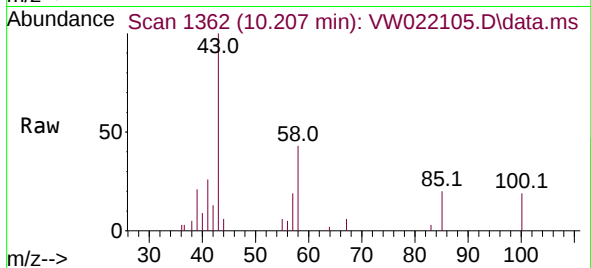
Acq: 23 Feb 2022 13:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	4198
Ion	Ratio	Lower	Upper
43	100		
58	43.9	33.2	49.8
100	20.8	16.1	24.1



#42

Toluene

Concen: 2.521 ug/L

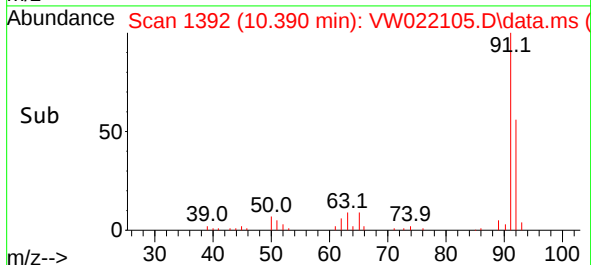
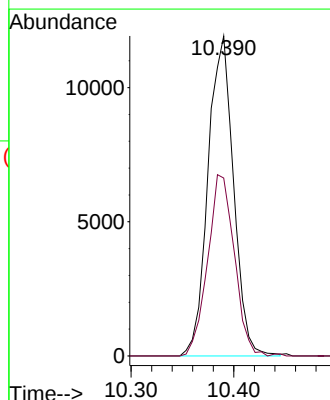
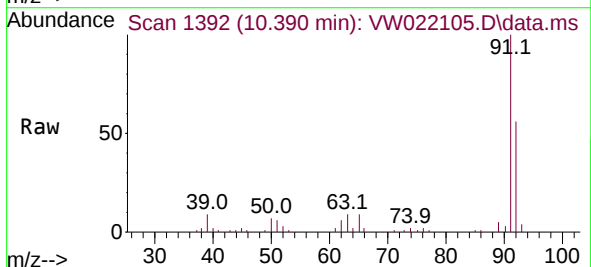
RT: 10.390 min Scan# 1392

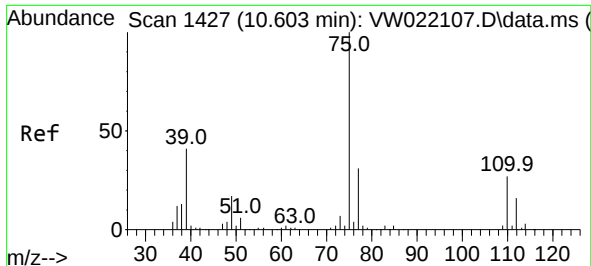
Delta R.T. 0.006 min

Lab File: VW022105.D

Acq: 23 Feb 2022 13:13

Tgt Ion:	91	Resp:	20581
Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.4	75.0

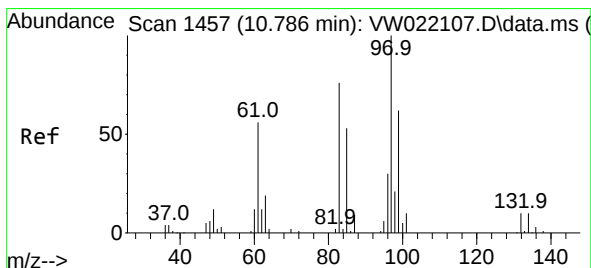
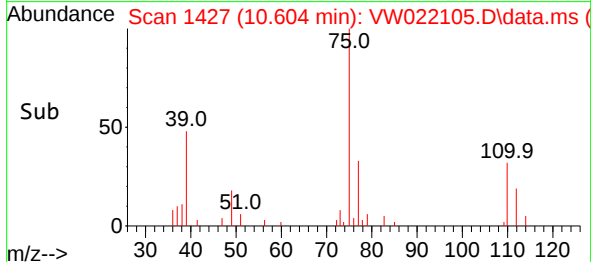
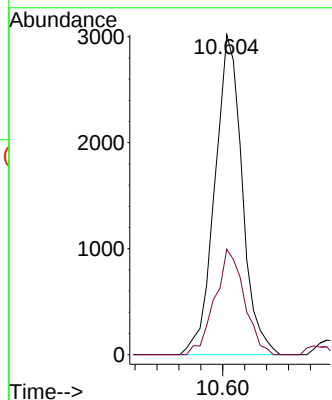
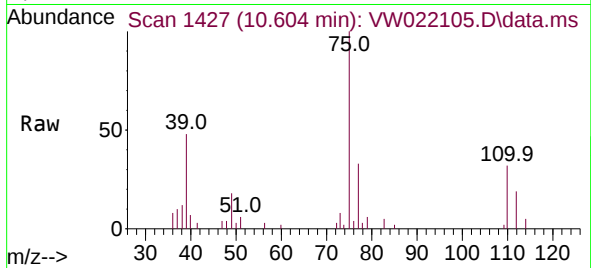




#44
trans-1,3-Dichloropropene
Concen: 2.276 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

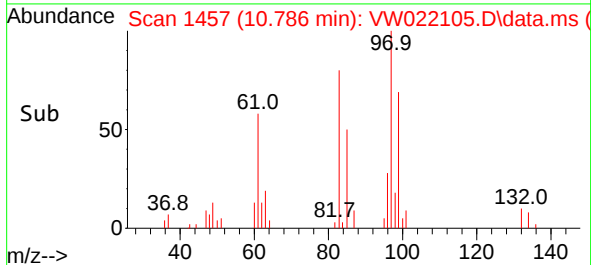
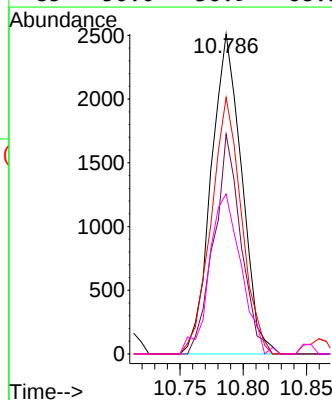
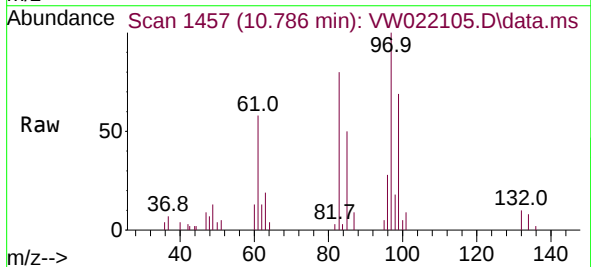
Instrument :
MSVOA_W
ClientSampleId :

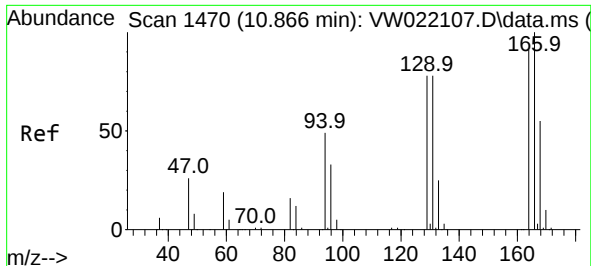
Tgt Ion: 75 Resp: 5232
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 2.816 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

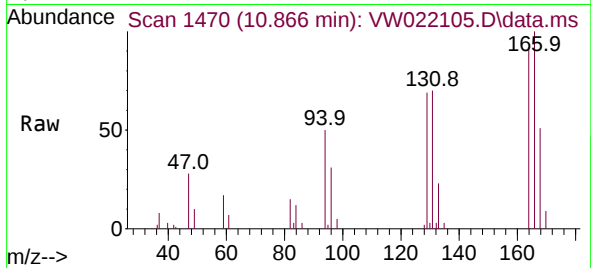
Tgt Ion: 97 Resp: 4202
Ion Ratio Lower Upper
97 100
99 68.7 43.5 80.7
83 80.2 53.5 99.3
85 50.0 36.9 68.5



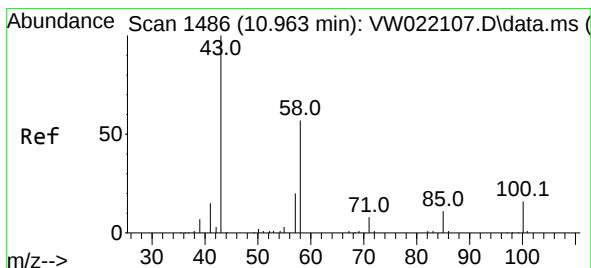
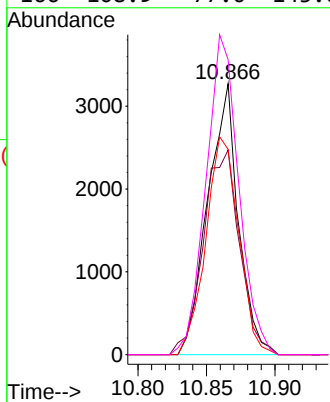
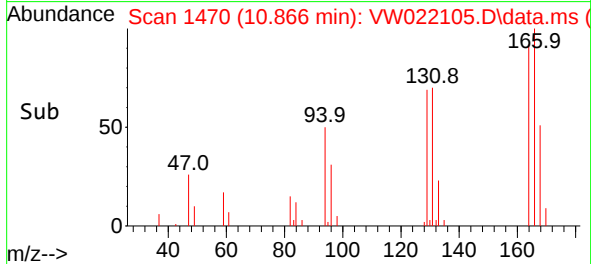


#46
Tetrachloroethene
Concen: 2.811 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

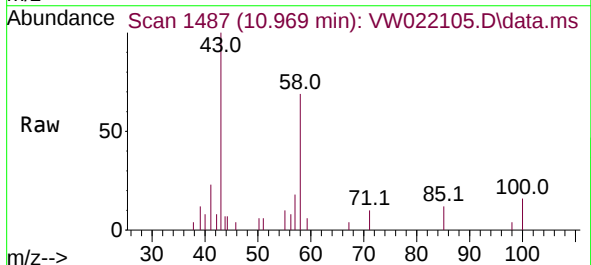
Instrument :
MSVOA_W
ClientSampled :



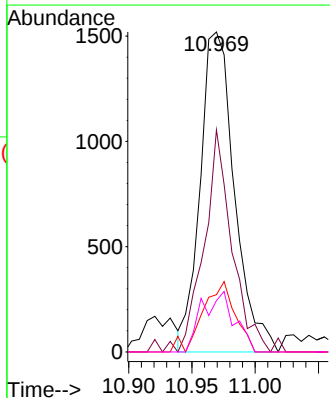
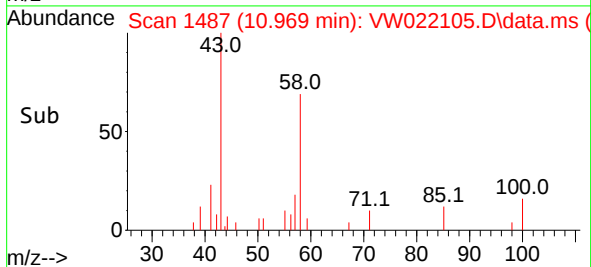
Tgt Ion:	164	Resp:	5086
Ion	Ratio	Lower	Upper
164	100		
129	75.5	60.3	111.9
131	75.7	59.9	111.3
166	108.9	77.0	143.0

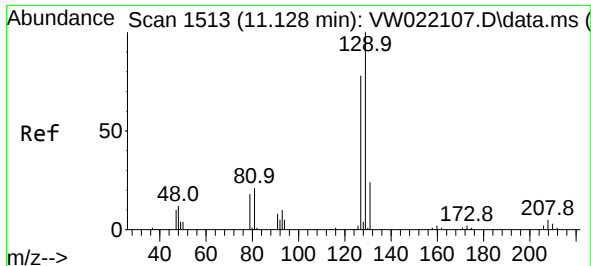


#48
2-Hexanone
Concen: 4.550 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13



Tgt Ion:	43	Resp:	2870
Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.6	66.8
57	19.7	15.8	23.8
100	11.3	12.7	19.1

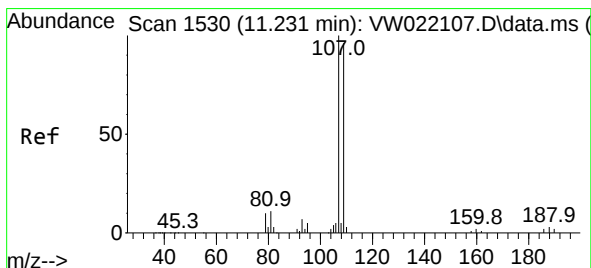
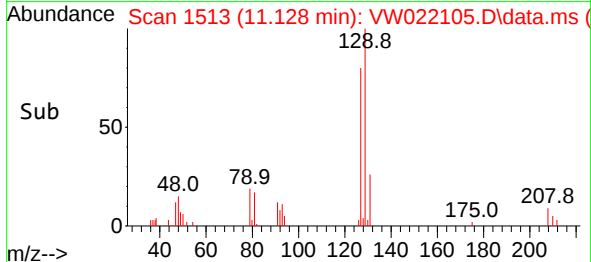
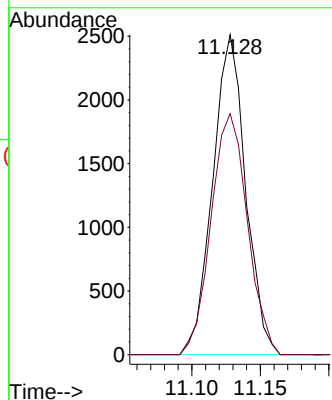
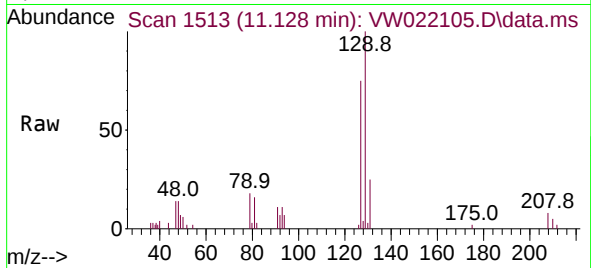




#49
Dibromochloromethane
Concen: 2.316 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

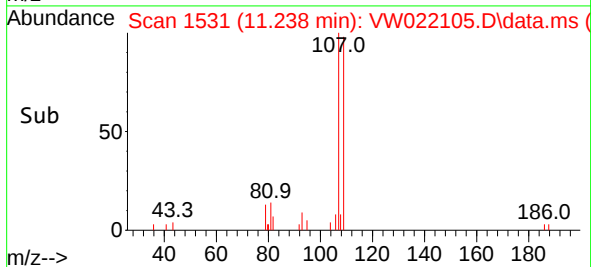
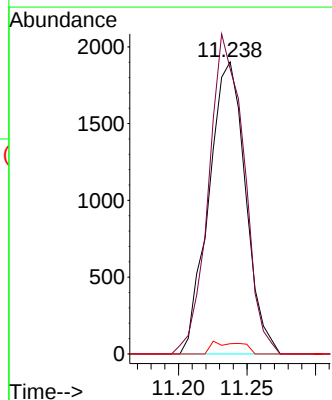
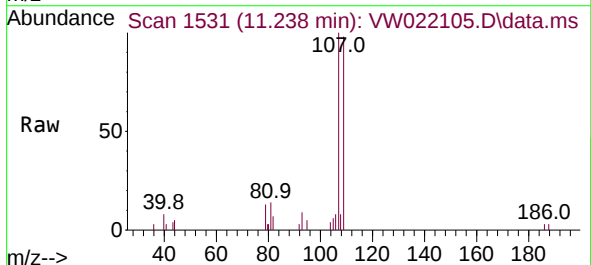
Instrument :
MSVOA_W
ClientSampleId :

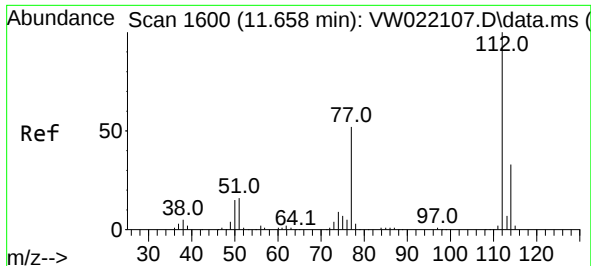
Tgt Ion:129 Resp: 4198
Ion Ratio Lower Upper
129 100
127 75.3 54.5 101.1



#50
1,2-Dibromoethane
Concen: 2.463 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

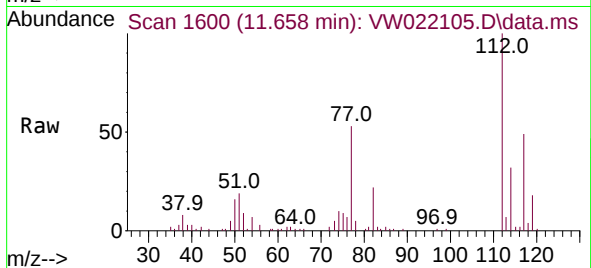
Tgt Ion:107 Resp: 3546
Ion Ratio Lower Upper
107 100
109 90.2 66.8 124.2
188 3.2 2.6 4.0



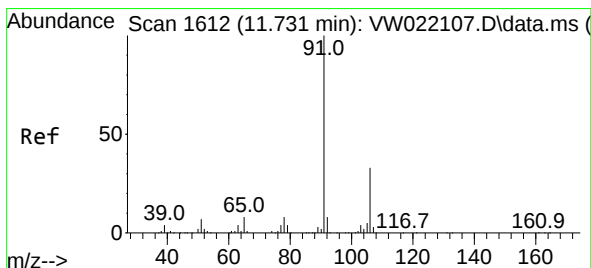
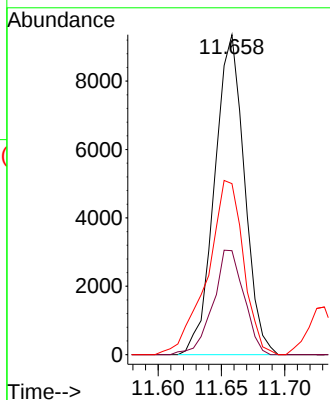
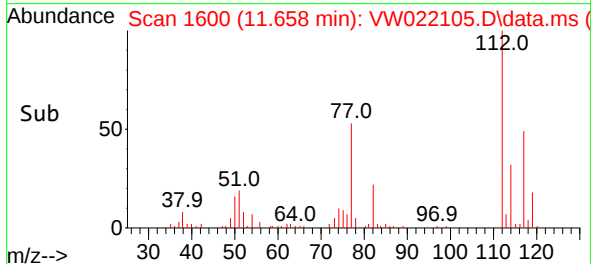


#51
Chlorobenzene
Concen: 2.701 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

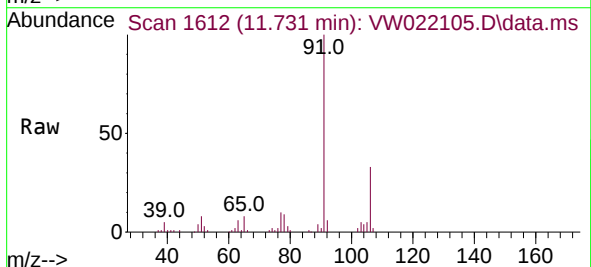
Instrument :
MSVOA_W
ClientSampleId :



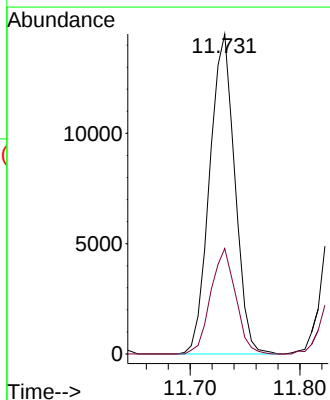
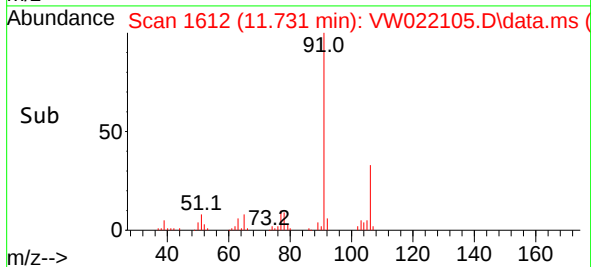
Tgt Ion:112 Resp: 15350
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.8
77 53.5 41.8 62.6

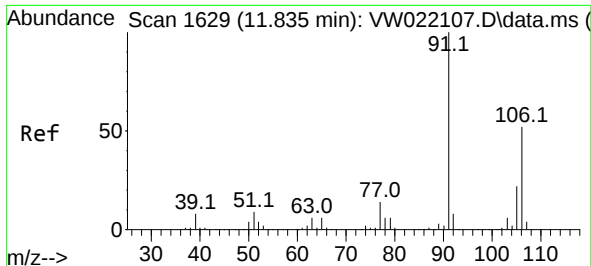


#52
Ethylbenzene
Concen: 2.564 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13



Tgt Ion: 91 Resp: 23167
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4

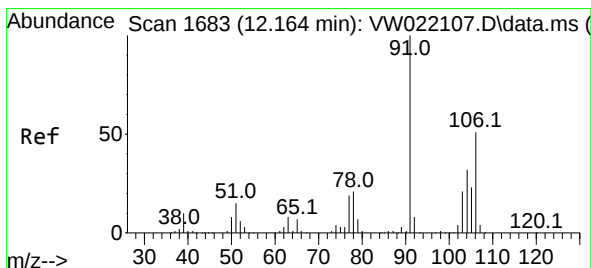
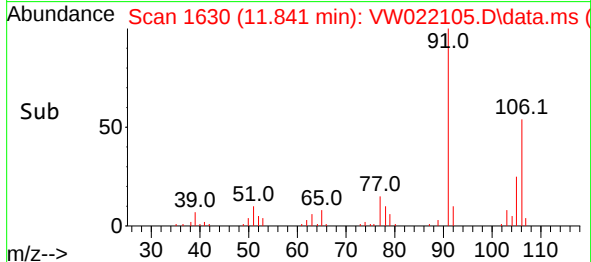
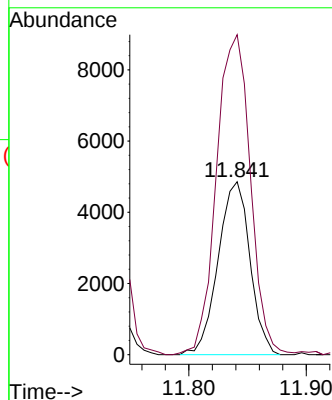
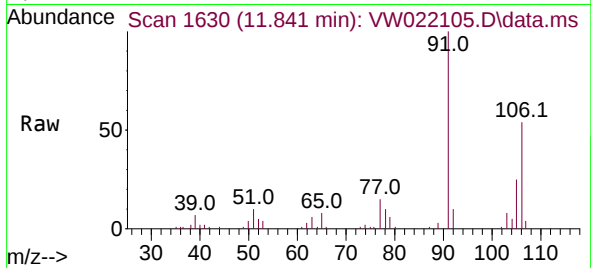




#53
m,p-Xylene
Concen: 2.463 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

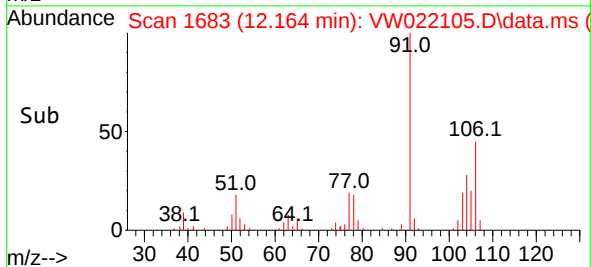
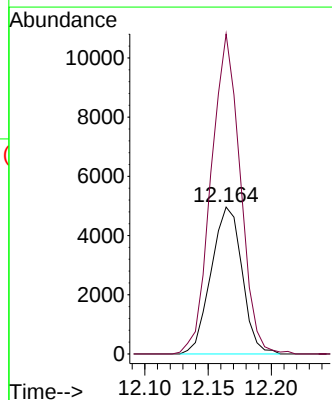
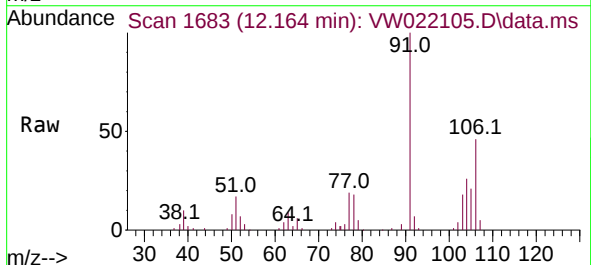
Instrument :
MSVOA_W
ClientSampleId :

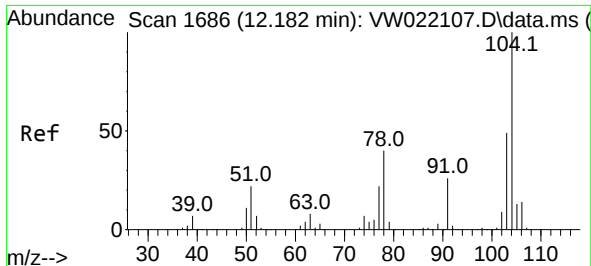
Tgt Ion:106 Resp: 9157
Ion Ratio Lower Upper
106 100
91 185.0 135.0 250.8



#54
o-Xylene
Concen: 2.413 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion:106 Resp: 8442
Ion Ratio Lower Upper
106 100
91 217.8 136.9 254.3

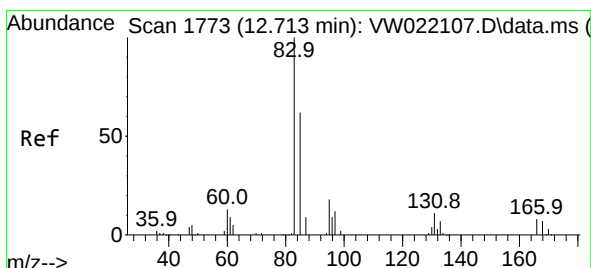
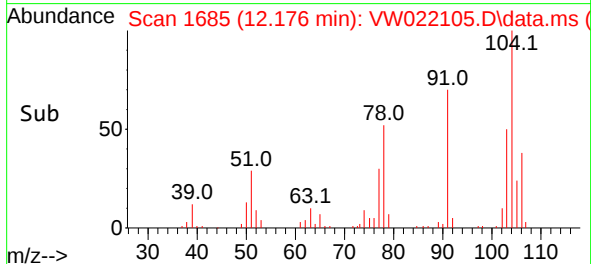
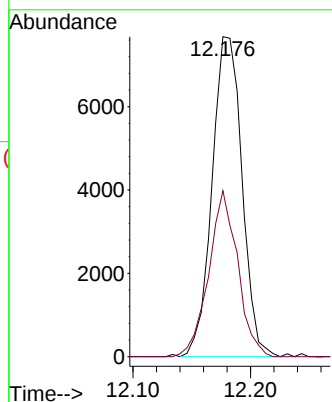
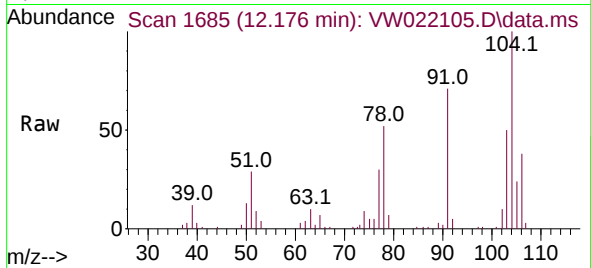




#55
Styrene
Concen: 2.318 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

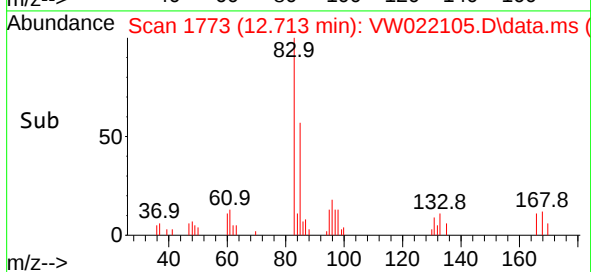
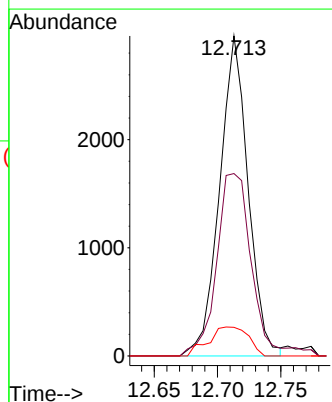
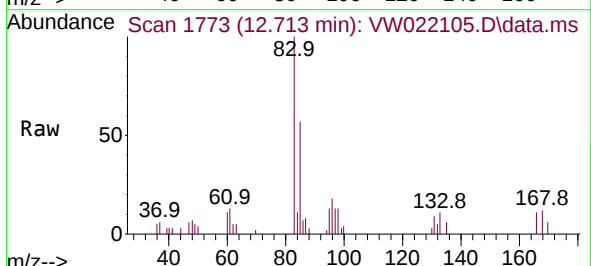
Instrument :
MSVOA_W
ClientSampleId :

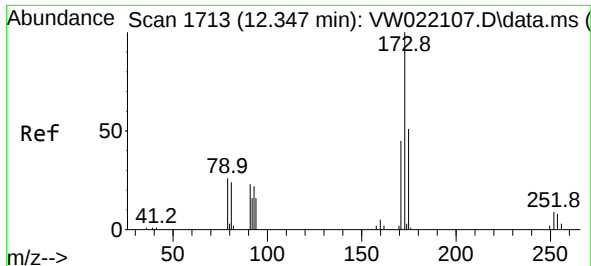
Tgt Ion:104 Resp: 13597
Ion Ratio Lower Upper
104 100
78 51.9 27.8 51.6#



#57
1,1,2,2-Tetrachloroethane
Concen: 2.680 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

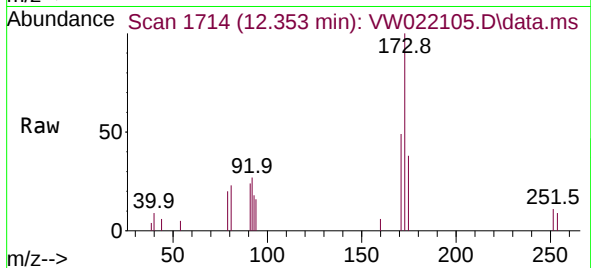
Tgt Ion: 83 Resp: 4640
Ion Ratio Lower Upper
83 100
85 57.0 44.2 82.0
131 8.9 9.4 14.0#



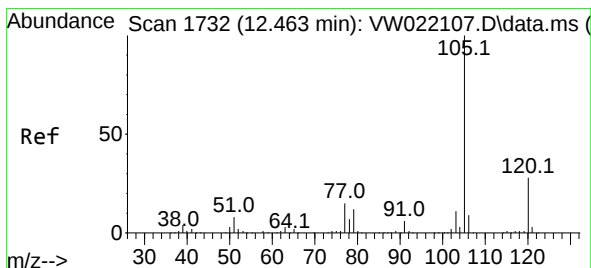
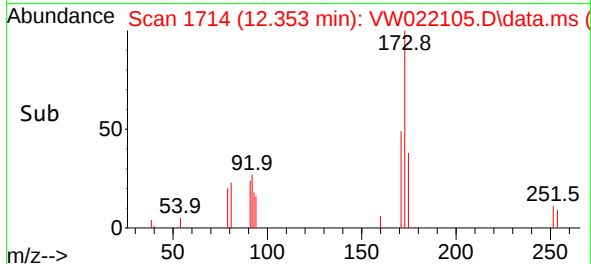
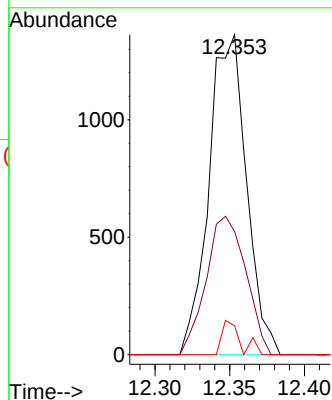


#59
Bromoform
Concen: 2.378 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_W
ClientSampleId :

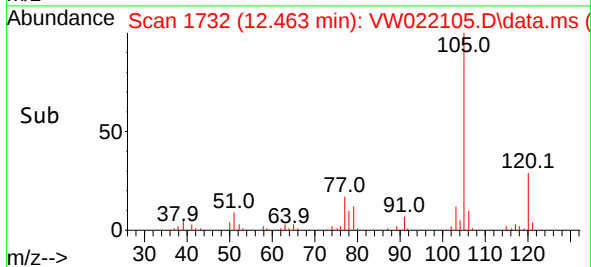
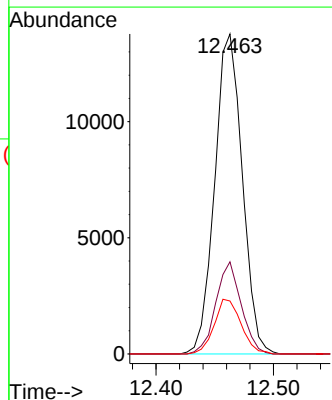
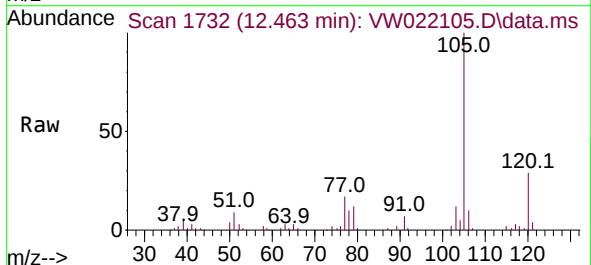


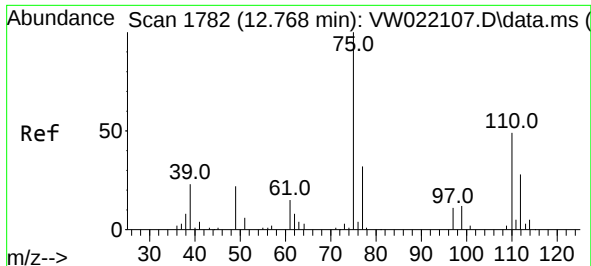
Tgt Ion:173 Resp: 2374
Ion Ratio Lower Upper
173 100
175 45.8 38.2 57.4
254 4.1 5.0 7.6#



#60
Isopropylbenzene
Concen: 2.480 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion:105 Resp: 22476
Ion Ratio Lower Upper
105 100
120 26.5 22.1 33.1
77 16.7 12.0 18.0

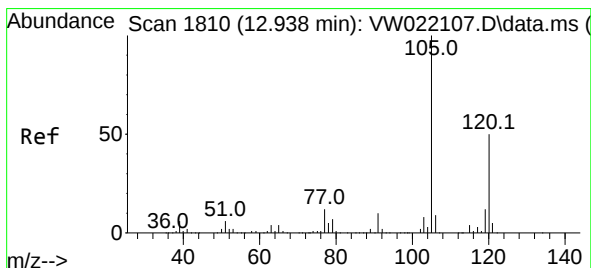
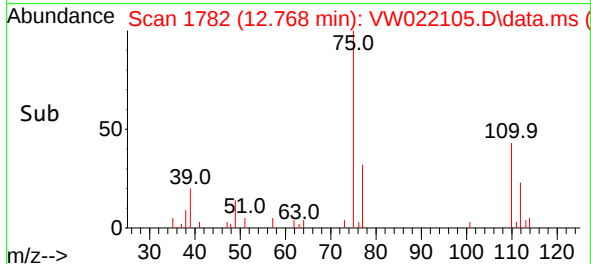
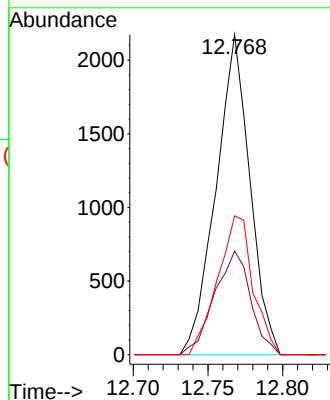
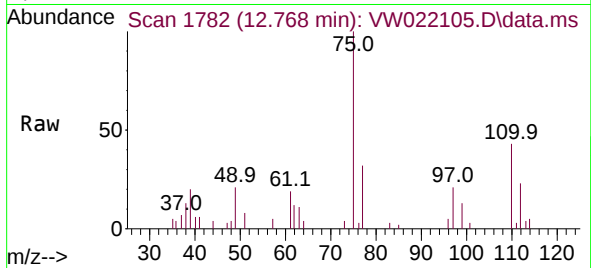




#61
 1,2,3-Trichloropropane
 Concen: 2.869 ug/L
 RT: 12.768 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

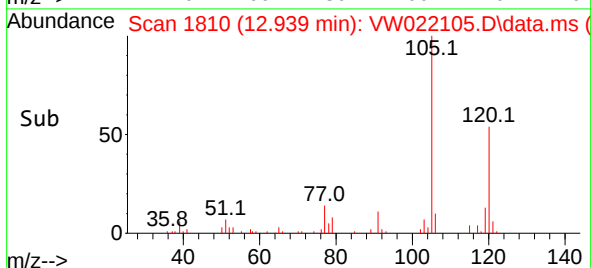
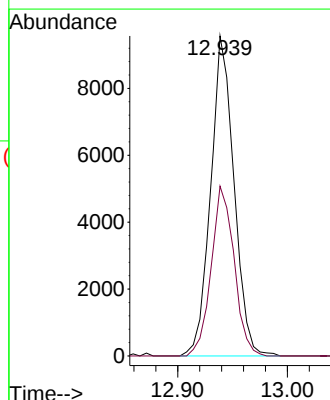
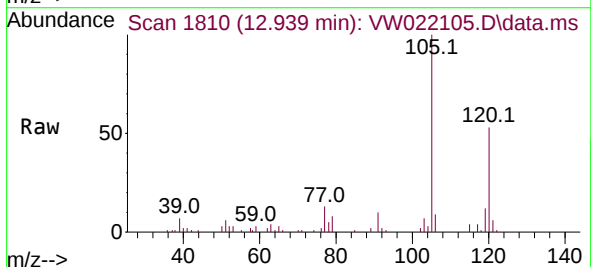
Instrument :
 MSVOA_W
 ClientSampleId :

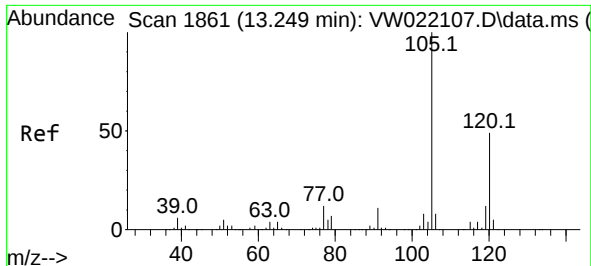
Tgt Ion: 75 Resp: 3418
 Ion Ratio Lower Upper
 75 100
 77 34.7 27.1 40.7
 110 45.3 36.7 55.1



#62
 1,3,5-Trimethylbenzene
 Concen: 2.347 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

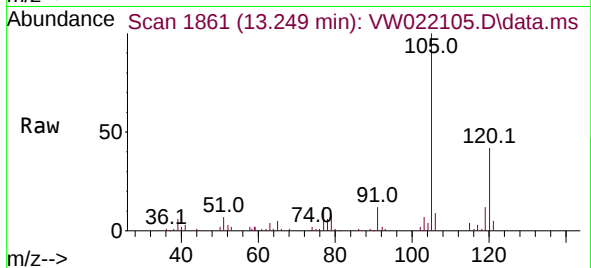
Tgt Ion: 105 Resp: 14145
 Ion Ratio Lower Upper
 105 100
 120 52.1 41.5 62.3



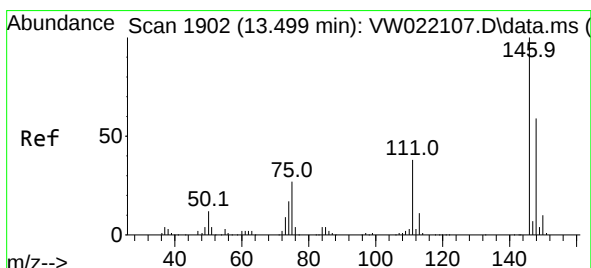
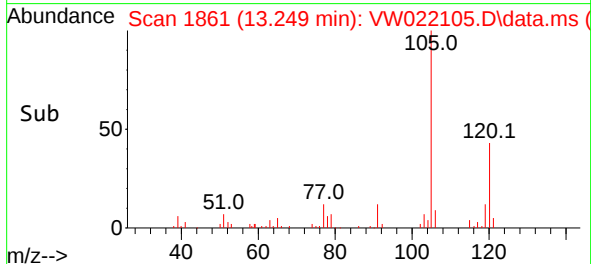
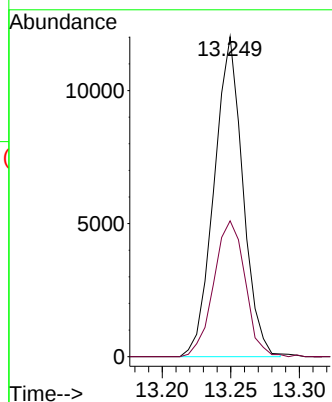


#63
1,2,4-Trimethylbenzene
Concen: 2.382 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_W
ClientSampleId :

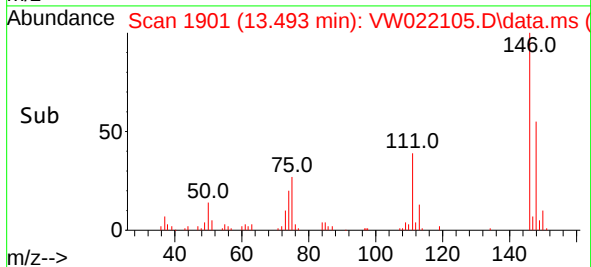
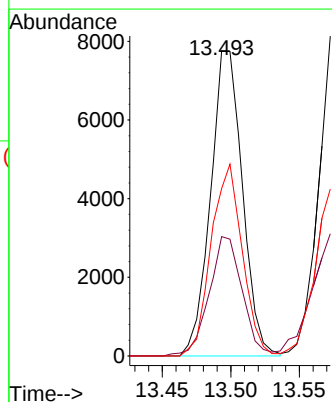
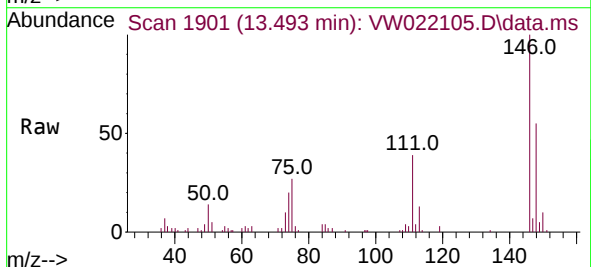


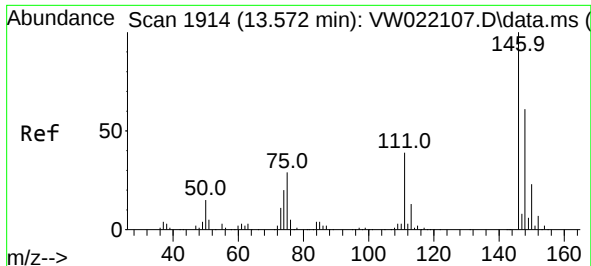
Tgt Ion:105 Resp: 17545
Ion Ratio Lower Upper
105 100
120 46.2 39.2 58.8



#64
1,3-Dichlorobenzene
Concen: 2.795 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion:146 Resp: 12564
Ion Ratio Lower Upper
146 100
111 39.1 26.9 49.9
148 54.9 41.6 77.2

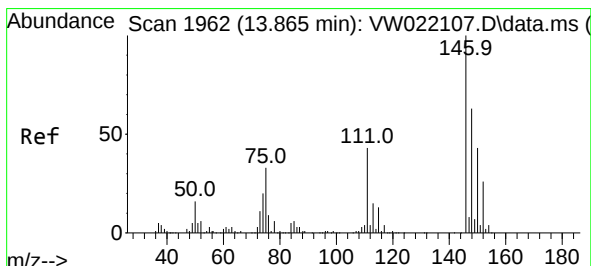
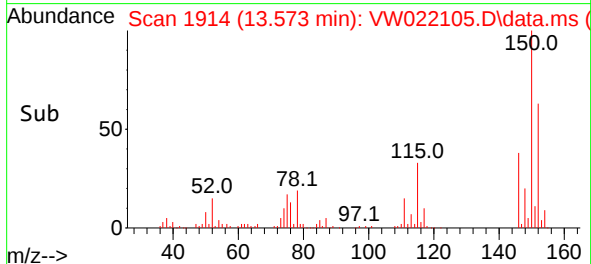
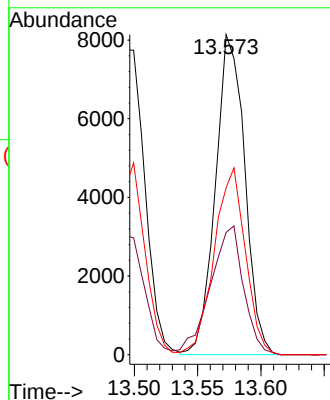
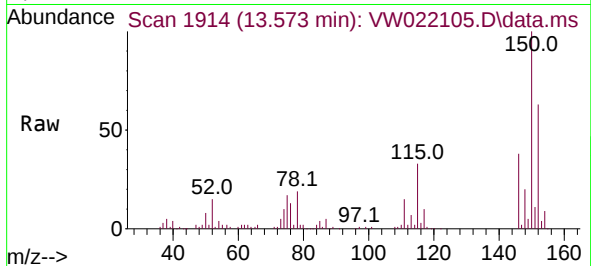




#65
1,4-Dichlorobenzene
Concen: 2.908 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

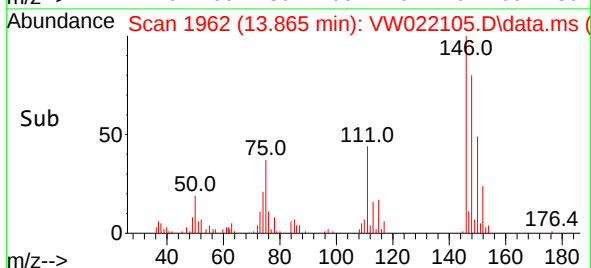
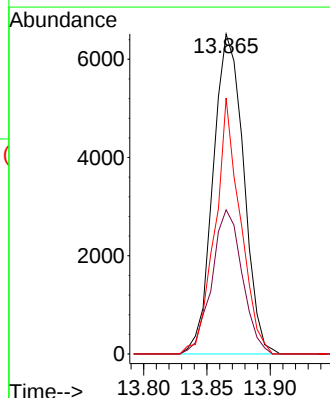
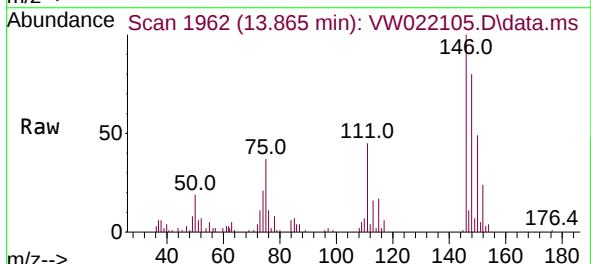
Instrument :
MSVOA_W
ClientSampleId :

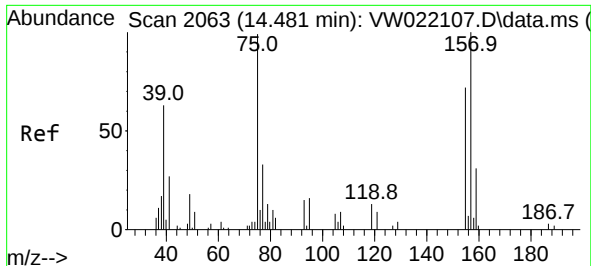
Tgt Ion:146 Resp: 13100
Ion Ratio Lower Upper
146 100
111 38.2 27.5 51.1
148 52.2 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 2.734 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

Tgt Ion:146 Resp: 10927
Ion Ratio Lower Upper
146 100
111 45.1 34.8 52.2
148 80.0 50.4 75.6#

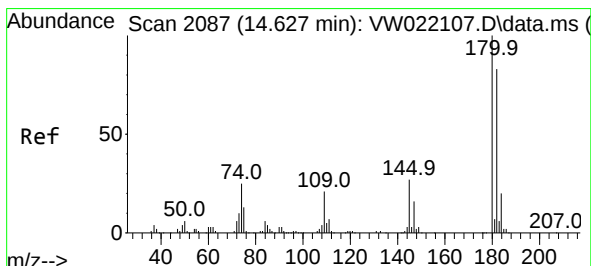
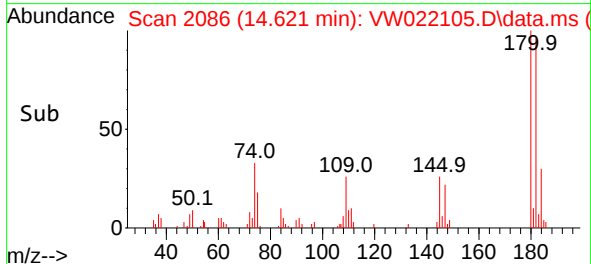
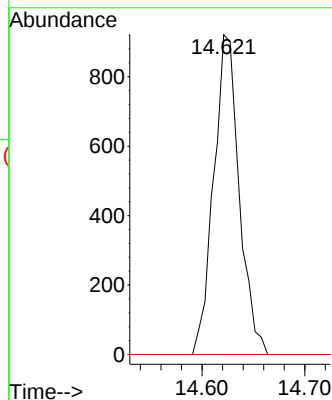
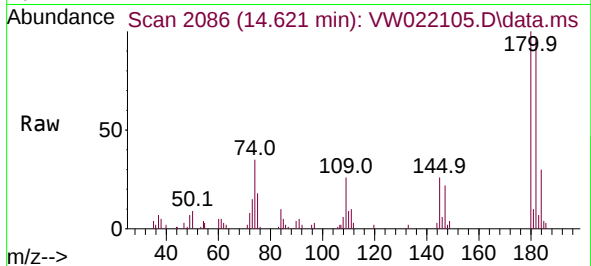




#68
1,2-Dibromo-3-chloropropane
Concen: 6.311 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

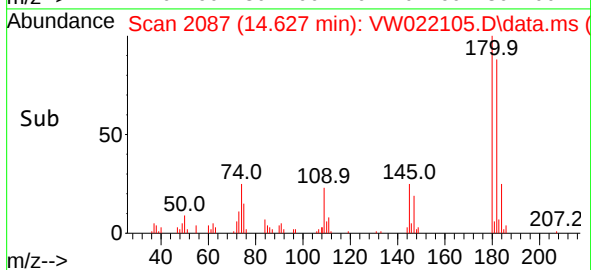
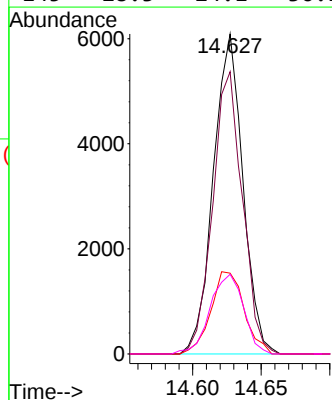
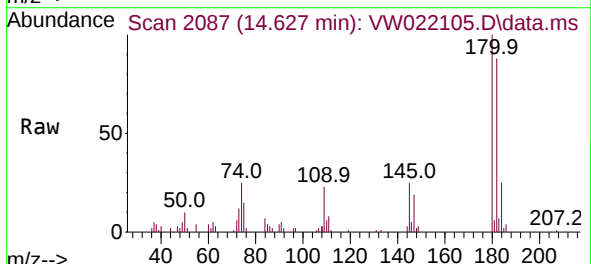
Instrument :
MSVOA_W
ClientSampleId :

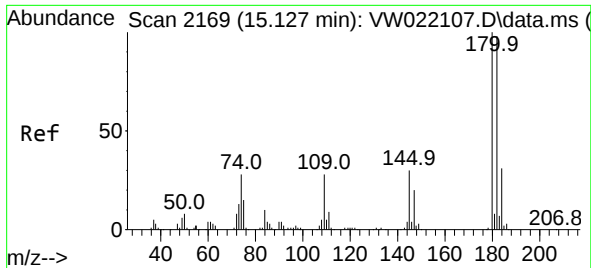
Tgt Ion: 75 Resp: 1590
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.5 120.7#



#69
1,3,5-Trichlorobenzene
Concen: 2.828 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

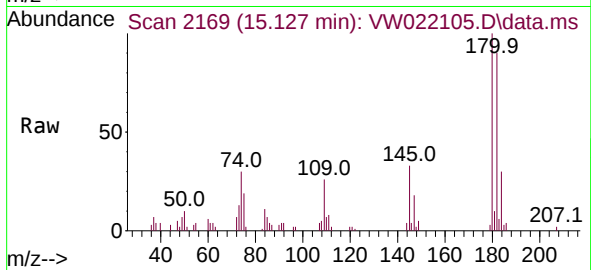
Tgt Ion:180 Resp: 9126
Ion Ratio Lower Upper
180 100
182 88.7 69.4 104.0
184 29.0 21.8 32.8
145 28.3 24.1 36.1



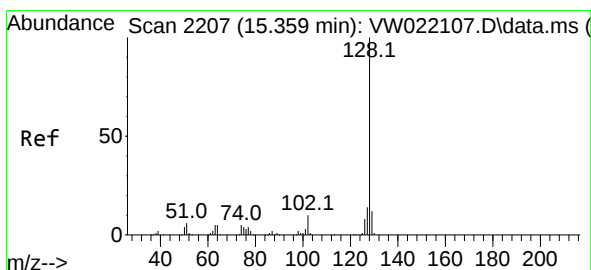
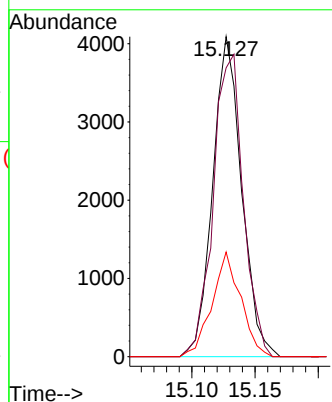
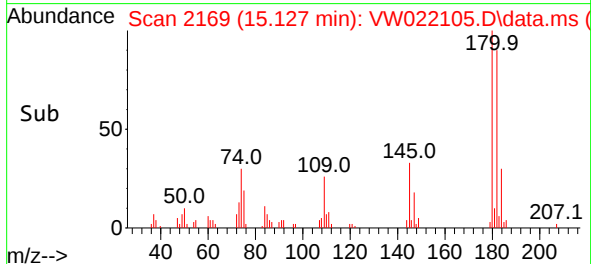


#70
1,2,4-trichlorobenzene
Concen: 2.666 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13

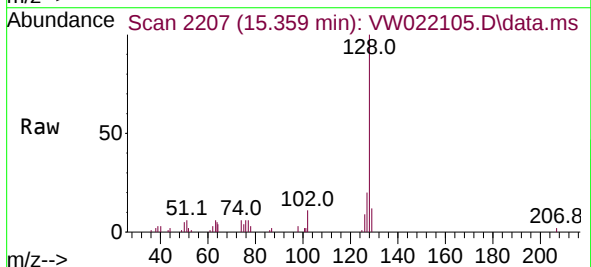
Instrument :
MSVOA_W
ClientSampleId :



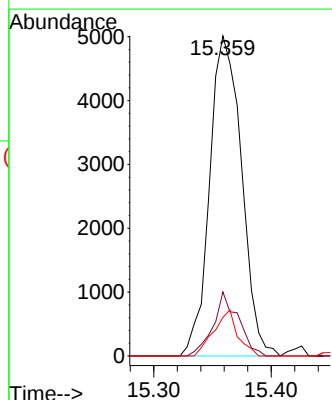
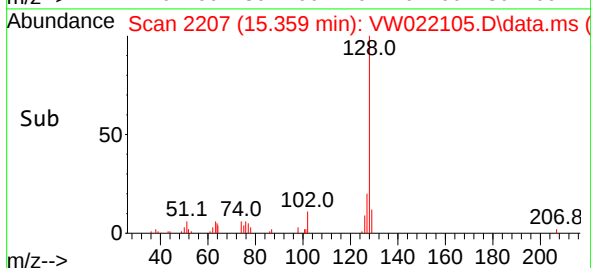
Tgt Ion:180 Resp: 6509
Ion Ratio Lower Upper
180 100
182 98.0 77.8 116.6
145 32.3 25.8 38.6

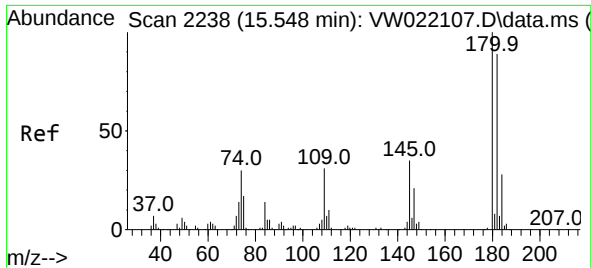


#71
Naphthalene
Concen: 2.194 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022105.D
Acq: 23 Feb 2022 13:13



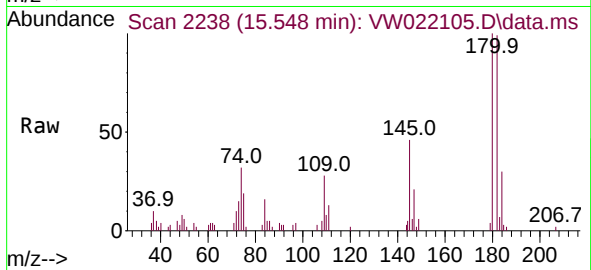
Tgt Ion:128 Resp: 9456
Ion Ratio Lower Upper
128 100
127 15.8 11.0 16.6
129 10.7 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 2.589 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW022105.D
 Acq: 23 Feb 2022 13:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	5468
Ion Ratio	Lower	Upper	
180	100		
182	103.4	79.0	118.4
145	38.8	28.0	42.0

