

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020656.D
 Acq On : 21 Oct 2021 08:14
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 09:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	177557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	167814	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	84900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	11700	4.447	ug/L	0.00
7) Chloroethane-d5	2.873	69	3866	2.888	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	22272	4.222	ug/L	0.00
21) 2-Butanone-d5	7.086	46	7536	9.649	ug/L	0.00
24) Chloroform-d	7.647	84	25908	4.598	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	15431	4.792	ug/L	0.00
32) Benzene-d6	8.275	84	46819	4.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	15699	4.422	ug/L	0.00
41) Toluene-d8	10.323	98	41193	4.194	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6306	4.362	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	4667	8.431	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	13652	5.079	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	14599	4.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	5125	4.358	ug/L	97
3) Chloromethane	2.215	50	12576	5.235	ug/L	98
5) Vinyl chloride	2.355	62	15743	4.736	ug/L	100
6) Bromomethane	2.769	94	6096	4.273	ug/L	95
8) Chloroethane	2.910	64	3745	3.108	ug/L	91
9) Trichlorofluoromethane	3.251	101	6799	3.846	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	13297	4.926	ug/L #	80
12) 1,1-Dichloroethene	4.037	96	11133	4.515	ug/L	95
13) Acetone	4.123	43	7287	10.115	ug/L	99
14) Carbon disulfide	4.379	76	37327	4.622	ug/L	99
15) Methyl Acetate	4.678	43	7509	5.627	ug/L	97
16) Methylene chloride	4.915	84	17320	5.087	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	11942	4.601	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	16417	4.486	ug/L	99
19) 1,1-Dichloroethane	6.214	63	25820	4.853	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	11675	4.340	ug/L	98
22) 2-Butanone	7.177	43	9108	10.170	ug/L	97
23) Bromochloromethane	7.519	128	5906	4.990	ug/L	91
25) Chloroform	7.677	83	25353	4.886	ug/L	98
27) 1,2-Dichloroethane	8.403	62	18079	5.086	ug/L	99
29) Cyclohexane	7.951	56	19755	4.068	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	19504	4.716	ug/L	99
31) Carbon tetrachloride	8.067	117	17728	4.876	ug/L	99
33) Benzene	8.323	78	58800	4.959	ug/L	100
34) Trichloroethene	9.091	95	13705	4.714	ug/L	97
35) Methylcyclohexane	9.335	83	21322	4.278	ug/L	98
37) 1,2-Dichloropropane	9.372	63	14547	4.747	ug/L	98
38) Bromodichloromethane	9.646	83	17548	4.756	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	18147	4.297	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	17575	9.507	ug/L	97
42) Toluene	10.390	91	53600	4.512	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	16537	4.449	ug/L	99

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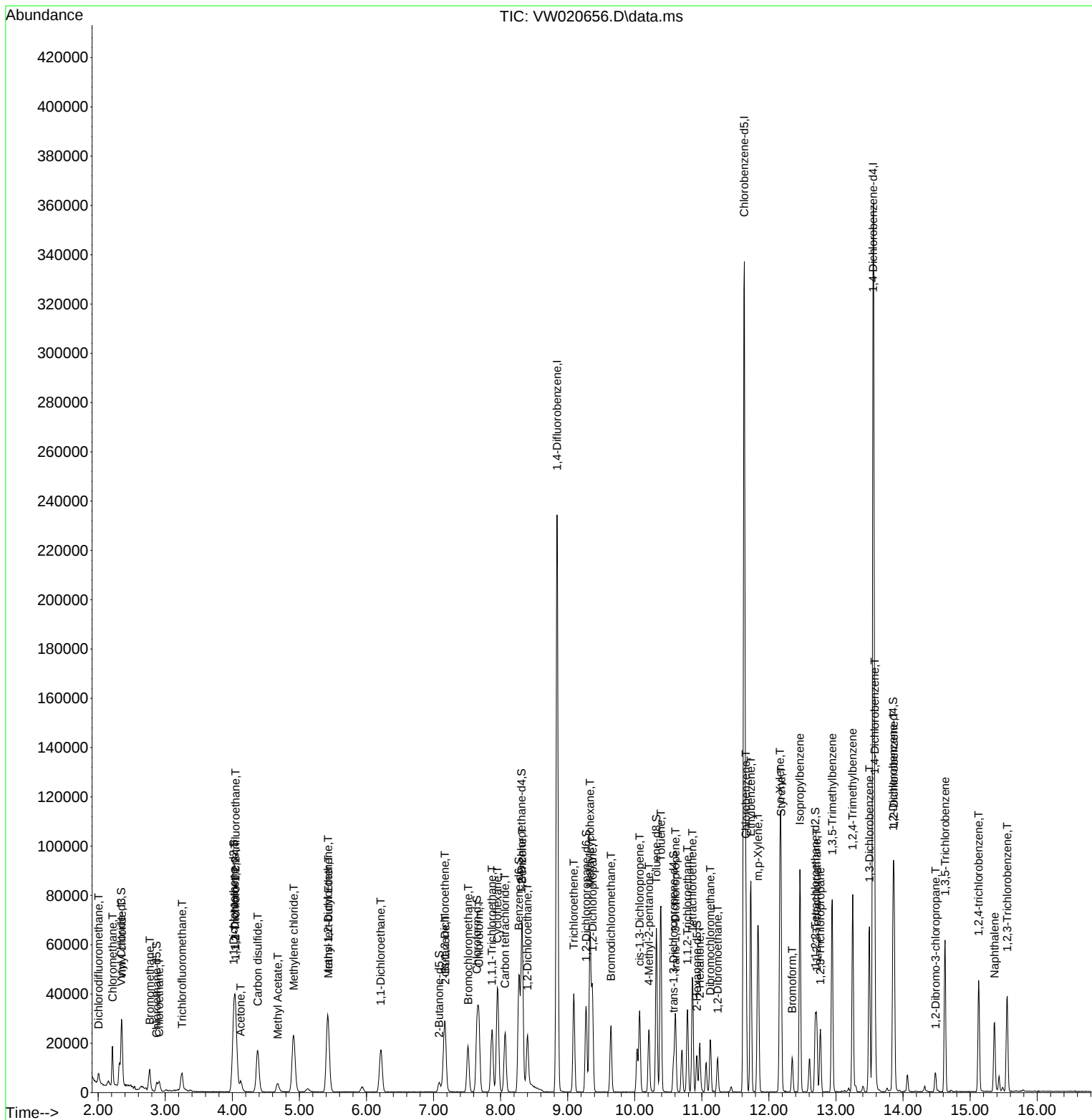
Instrument :
 MSVOA_W
 ClientSampleId :

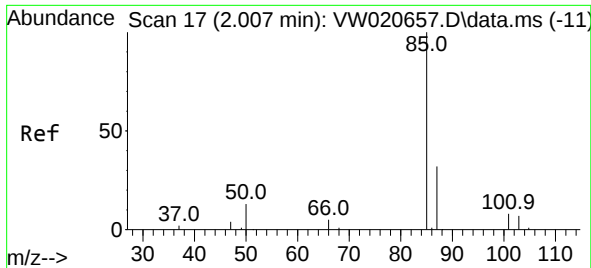
Quant Time: Oct 21 09:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	9984	5.066	ug/L	96
46) Tetrachloroethene	10.859	164	10471	4.984	ug/L	95
48) 2-Hexanone	10.969	43	12652	9.364	ug/L	98
49) Dibromochloromethane	11.128	129	10553	4.876	ug/L	92
50) 1,2-Dibromoethane	11.237	107	8951	4.945	ug/L	96
51) Chlorobenzene	11.658	112	34740	4.742	ug/L	98
52) Ethylbenzene	11.731	91	56234	4.370	ug/L	96
53) m,p-Xylene	11.841	106	21224	4.437	ug/L	94
54) o-Xylene	12.164	106	18926	4.294	ug/L	85
55) Styrene	12.182	104	33632	4.336	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	12848	5.249	ug/L	100
59) Bromoform	12.347	173	6039	5.113	ug/L	98
60) Isopropylbenzene	12.463	105	51801	4.237	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	10014	5.419	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	39702	3.963	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	40383	4.066	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	25277	4.751	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	26481	4.815	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	22768	4.664	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.487	75	2092	5.257	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	17407	4.589	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	13473	4.529	ug/L	92
71) Naphthalene	15.365	128	23074	4.235	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	12785	4.828	ug/L	93

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

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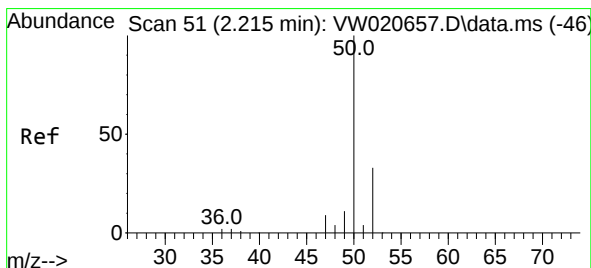
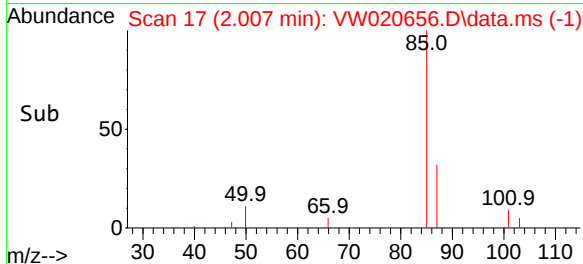
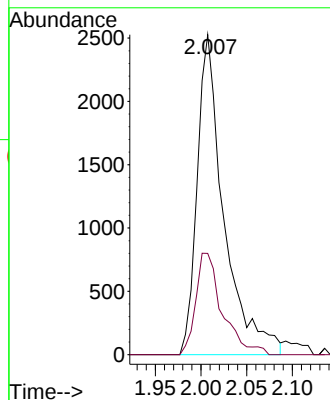
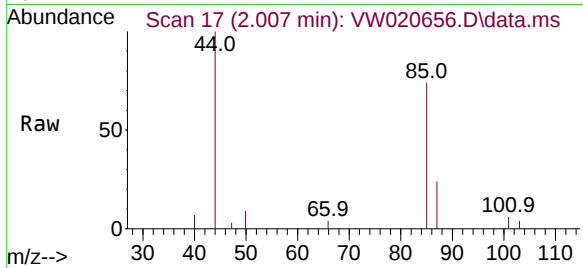




#2
Dichlorodifluoromethane
Concen: 4.358 ug/L
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

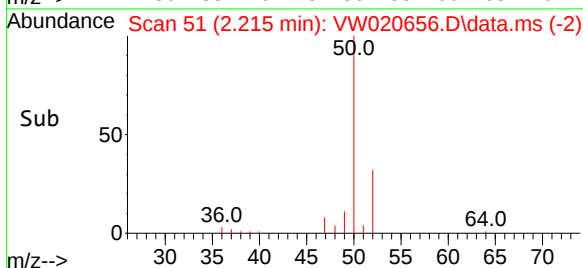
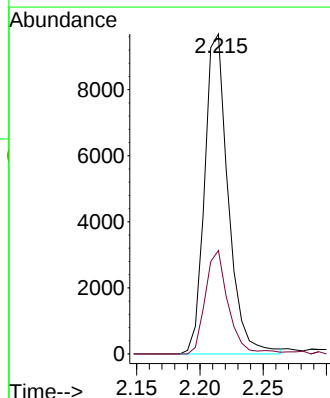
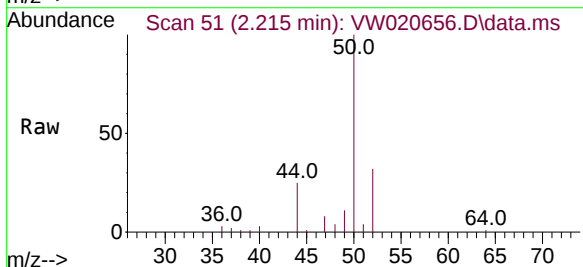
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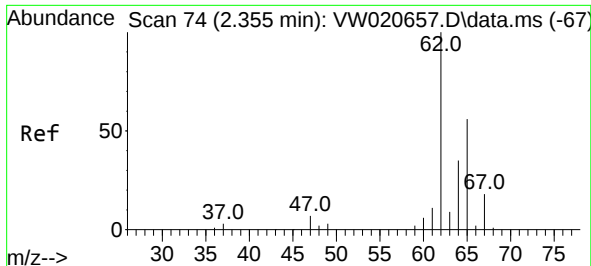
Tgt Ion: 85 Resp: 5125
Ion Ratio Lower Upper
85 100
87 30.8 25.8 38.6



#3
Chloromethane
Concen: 5.235 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 50 Resp: 12576
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6

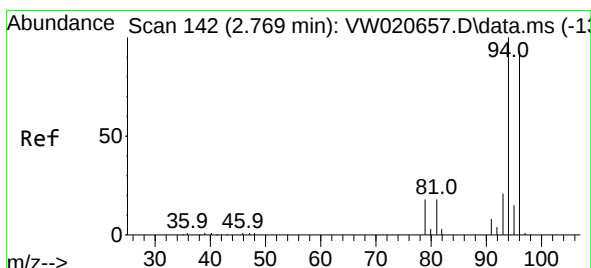
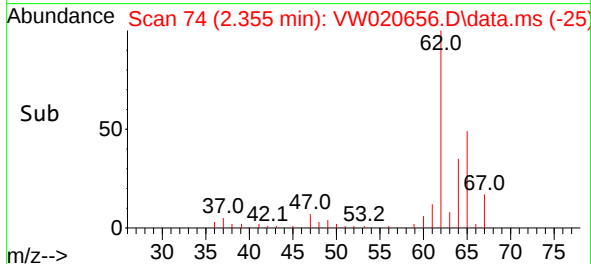
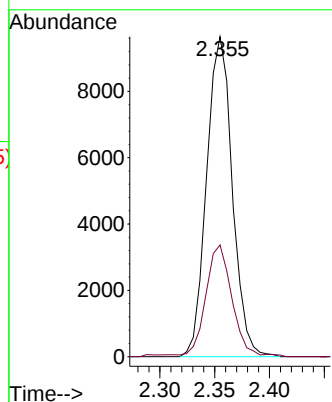
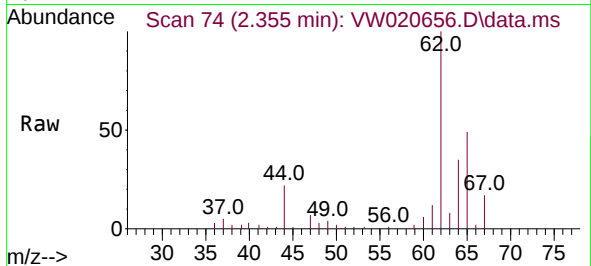




#5
 Vinyl chloride
 Concen: 4.736 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW020656.D
 Acq: 21 Oct 2021 08:14

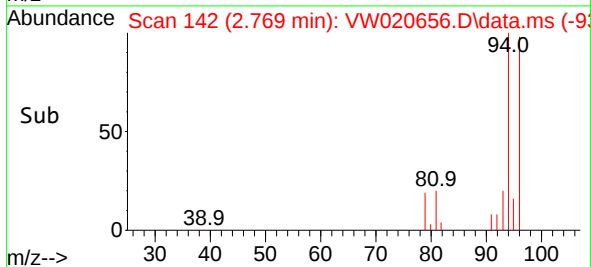
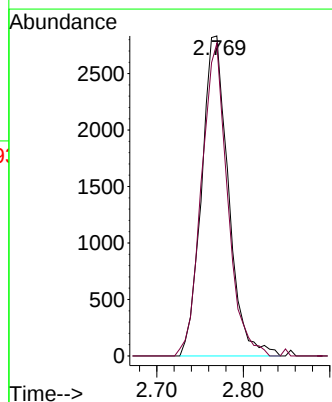
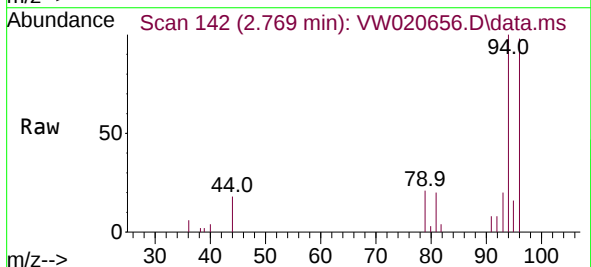
Instrument :
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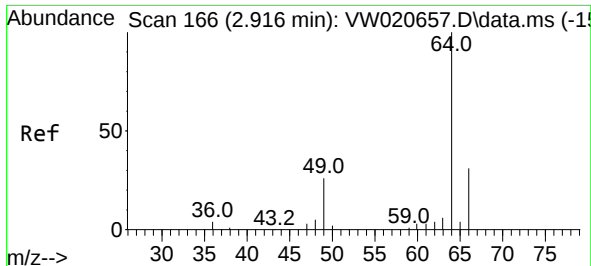
Tgt Ion: 62 Resp: 15743
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.2



#6
 Bromomethane
 Concen: 4.273 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW020656.D
 Acq: 21 Oct 2021 08:14

Tgt Ion: 94 Resp: 6096
 Ion Ratio Lower Upper
 94 100
 96 97.6 64.8 120.4

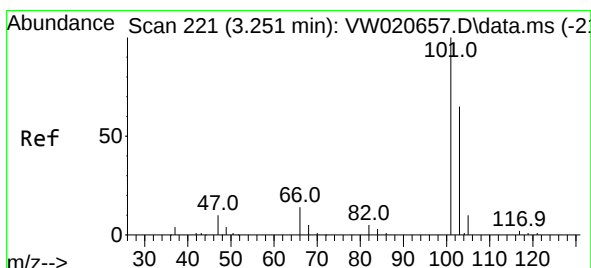
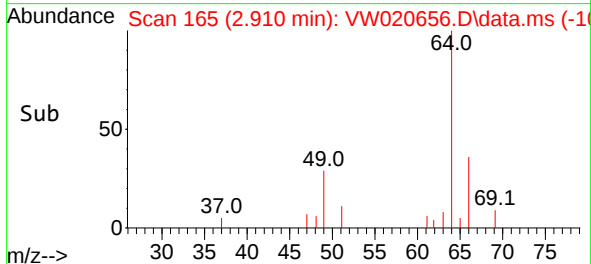
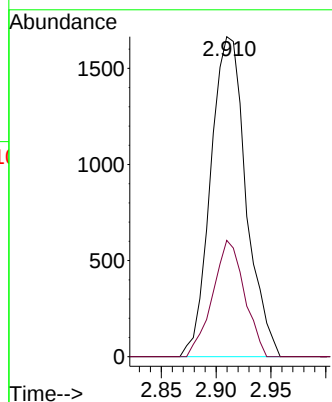
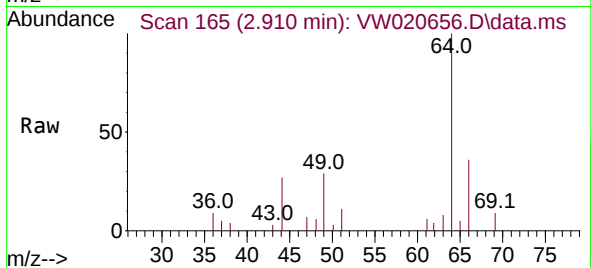




#8
Chloroethane
Concen: 3.108 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

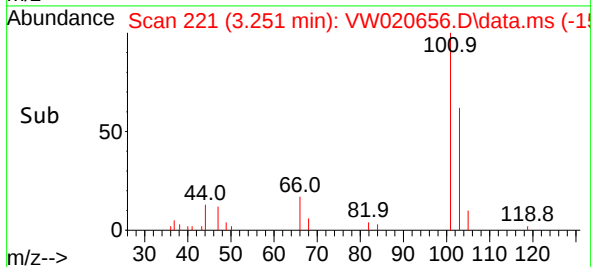
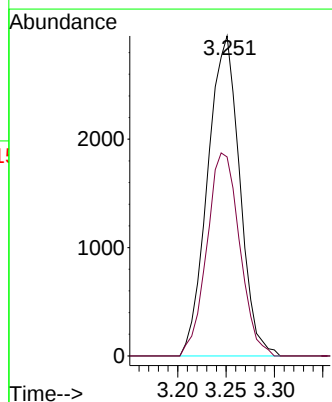
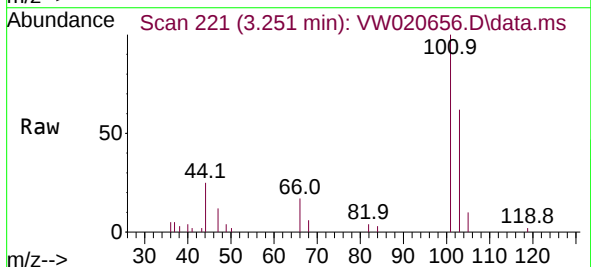
Instrument :
MSVOA_W
ClientSampled :

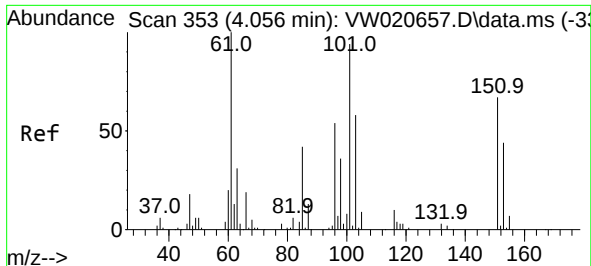
Tgt Ion: 64 Resp: 3745
Ion Ratio Lower Upper
64 100
66 36.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.846 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion:101 Resp: 6799
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

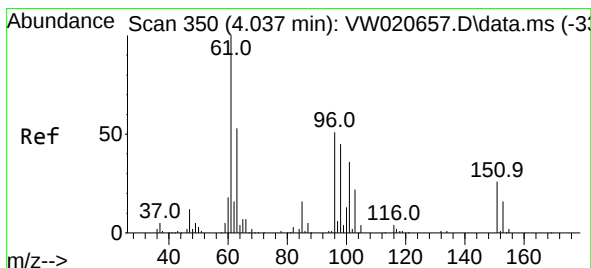
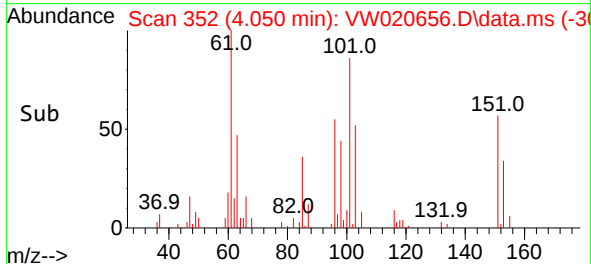
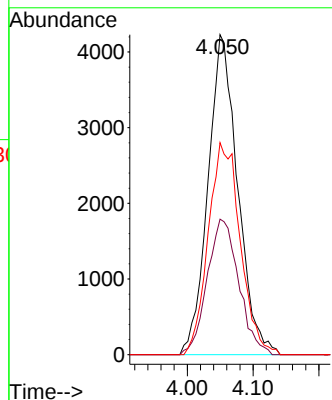
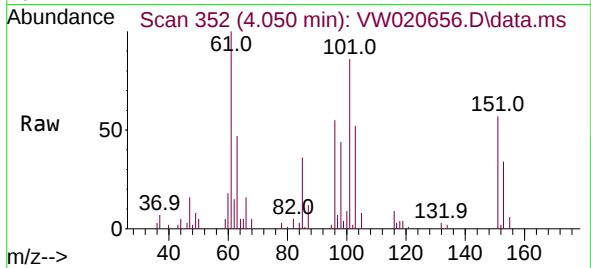




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.926 ug/L
RT: 4.050 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

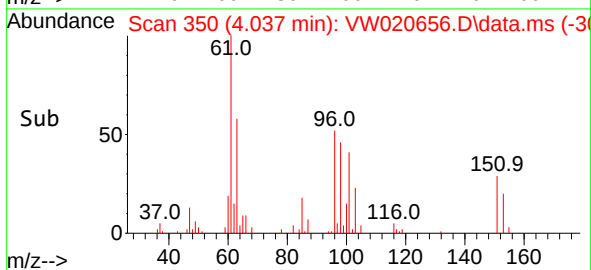
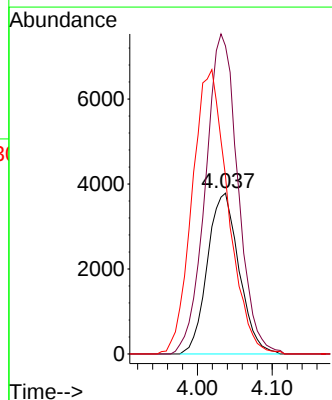
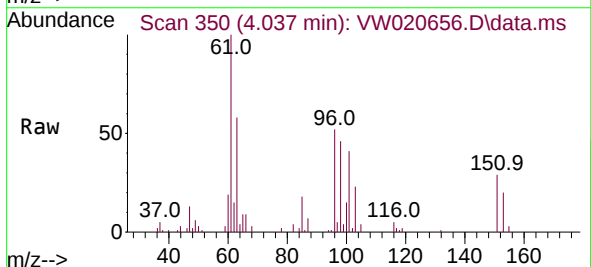
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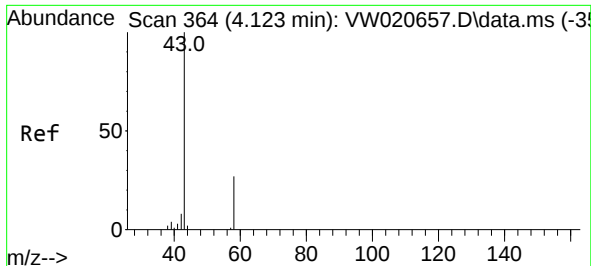
Tgt Ion:101 Resp: 13297
Ion Ratio Lower Upper
101 100
85 44.9 36.6 54.8
151 45.2 57.4 86.0#



#12
1,1-Dichloroethene
Concen: 4.515 ug/L
RT: 4.037 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 96 Resp: 11133
Ion Ratio Lower Upper
96 100
61 191.5 138.3 256.9
63 110.6 82.6 153.4

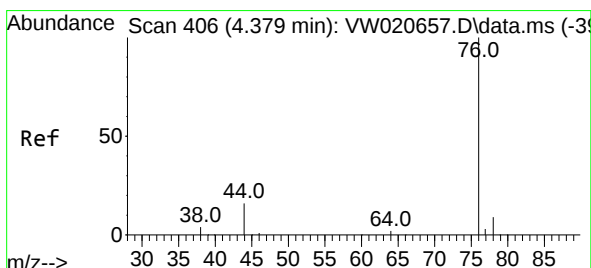
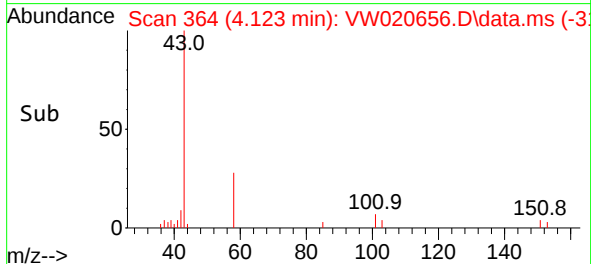
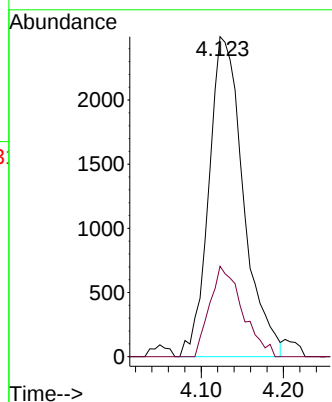
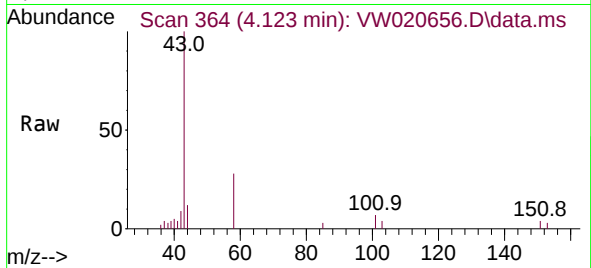




#13
Acetone
Concen: 10.115 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

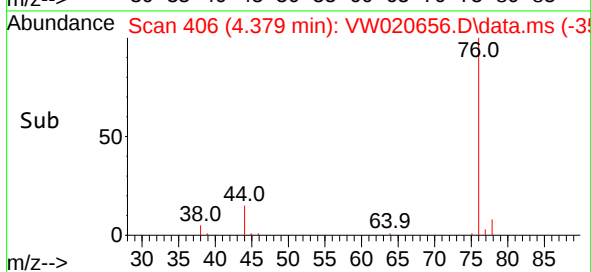
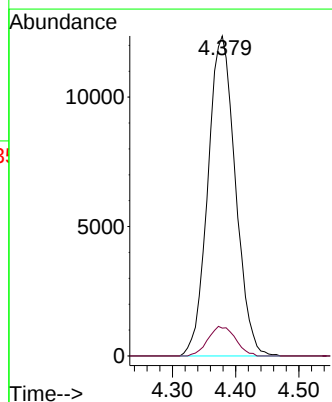
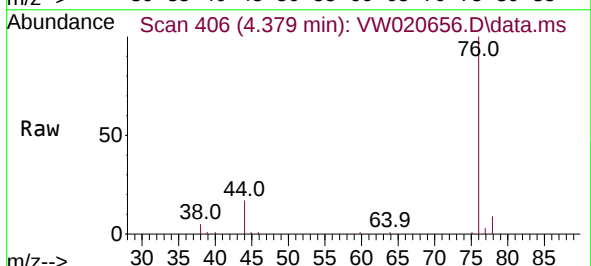
Instrument :
MSVOA_W
ClientSampled :

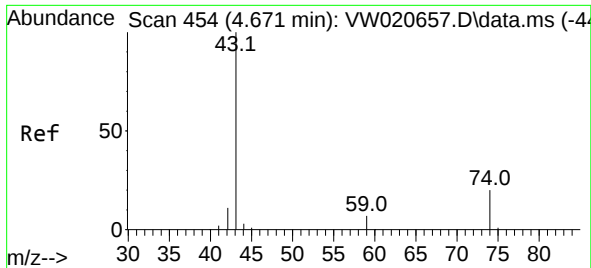
Tgt Ion: 43 Resp: 7287
Ion Ratio Lower Upper
43 100
58 26.7 0.0 52.8



#14
Carbon disulfide
Concen: 4.622 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 76 Resp: 37327
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

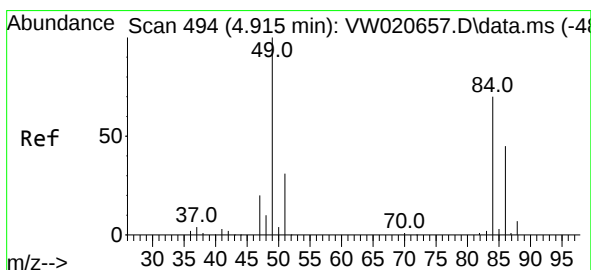
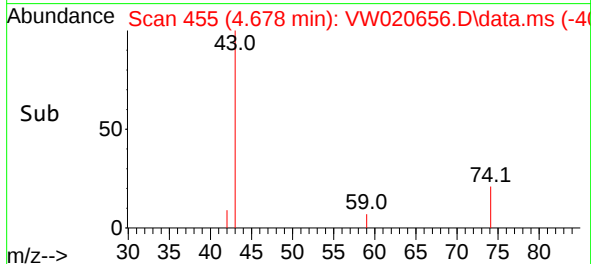
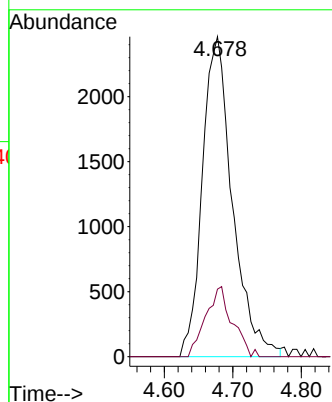
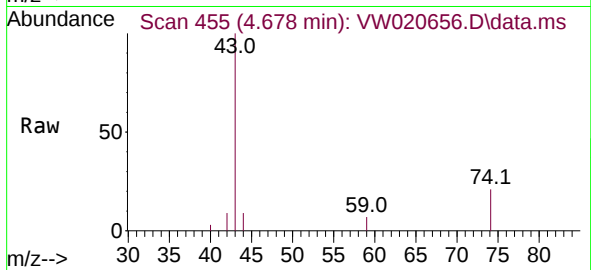




#15
Methyl Acetate
Concen: 5.627 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

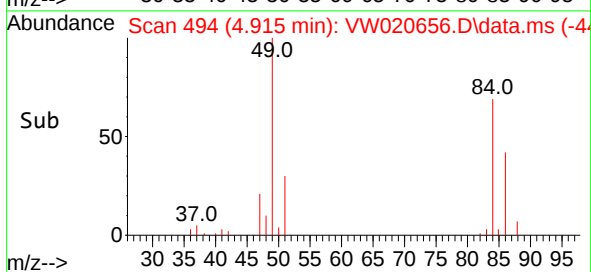
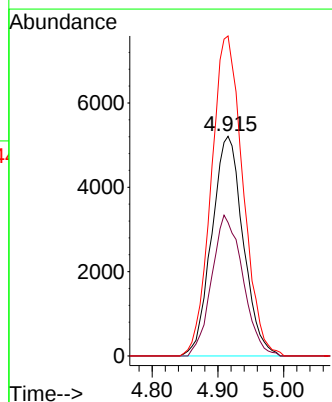
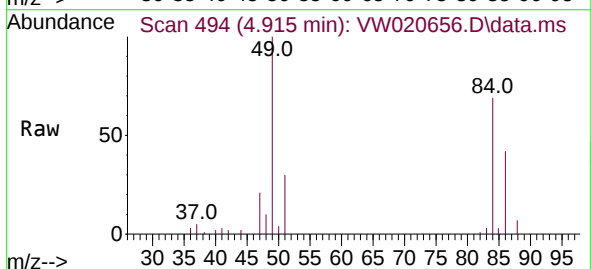
Instrument :
MSVOA_W
ClientSampled :

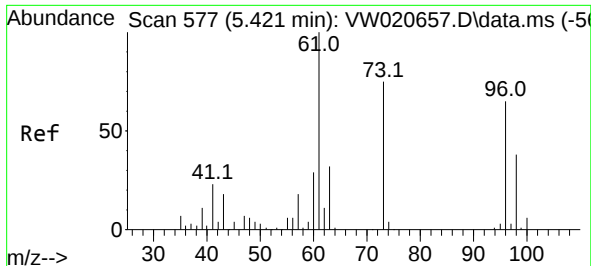
Tgt Ion: 43 Resp: 7509
Ion Ratio Lower Upper
43 100
74 19.0 16.4 24.6



#16
Methylene chloride
Concen: 5.087 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 84 Resp: 17320
Ion Ratio Lower Upper
84 100
86 60.7 45.5 84.5
49 145.7 100.5 186.7

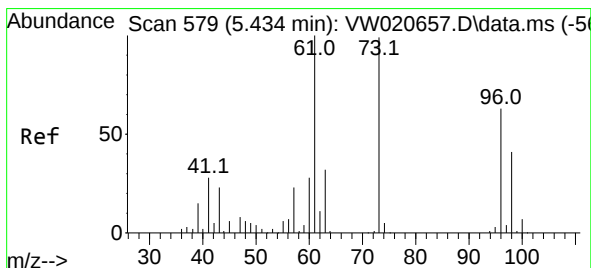
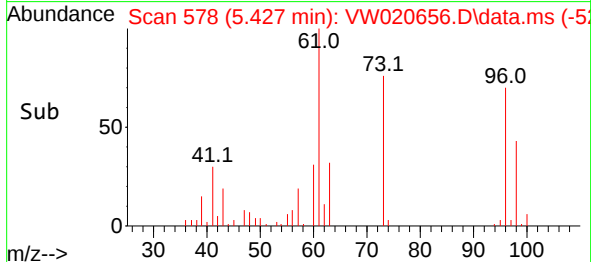
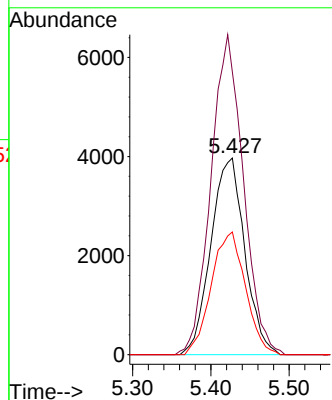
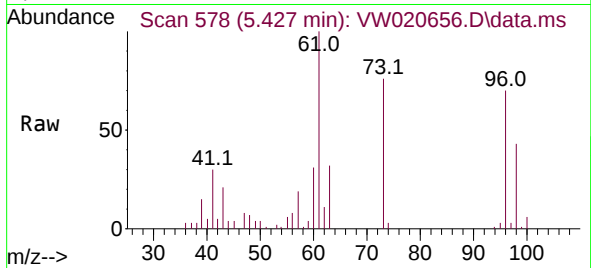




#17
trans-1,2-Dichloroethene
Concen: 4.601 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

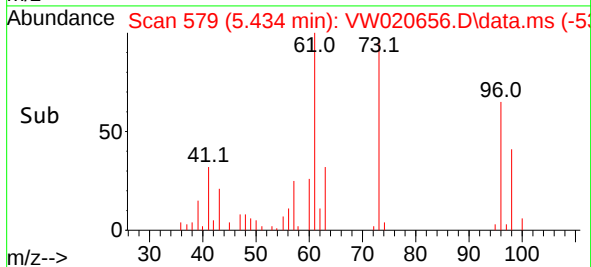
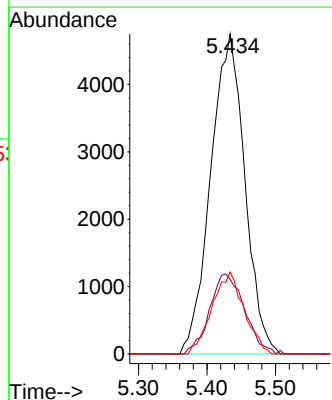
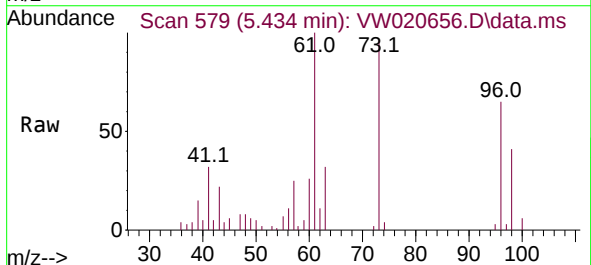
Instrument :
MSVOA_W
ClientSampled :

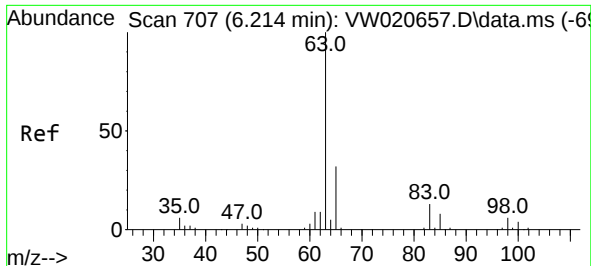
Tgt Ion: 96 Resp: 11942
Ion Ratio Lower Upper
96 100
61 143.8 107.4 199.4
98 62.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 4.486 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 73 Resp: 16417
Ion Ratio Lower Upper
73 100
43 25.6 19.5 29.3
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 4.853 ug/L

RT: 6.214 min Scan# 707

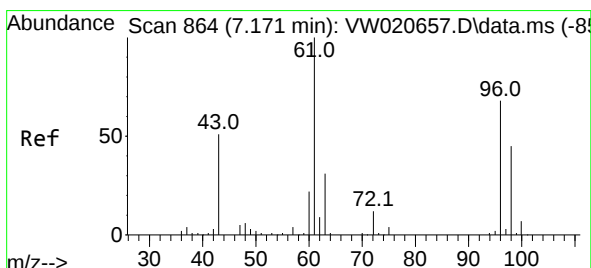
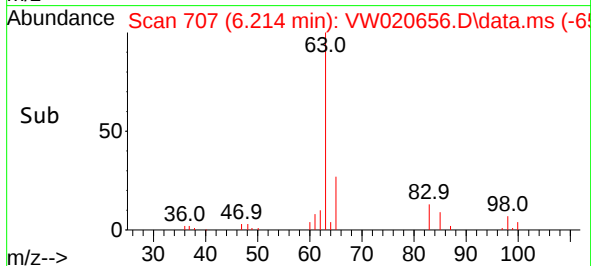
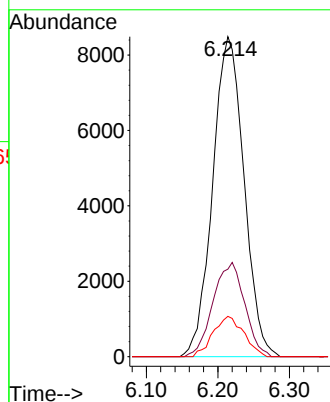
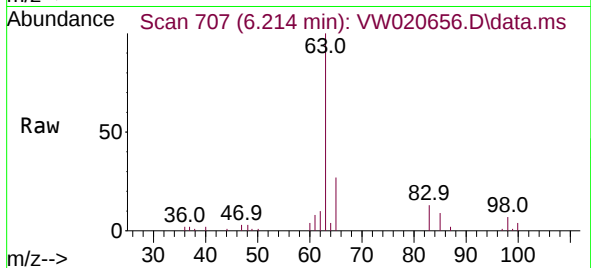
Delta R.T. 0.000 min

Lab File: VW020656.D

Acq: 21 Oct 2021 08:14

Tgt Ion:	63	Resp:	25820
Ion	Ratio	Lower	Upper
63	100		
65	27.3	22.1	41.1
83	12.6	9.2	17.2

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 4.340 ug/L

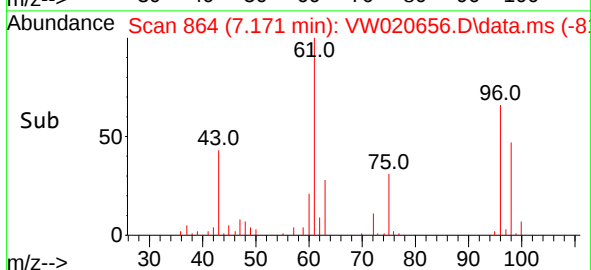
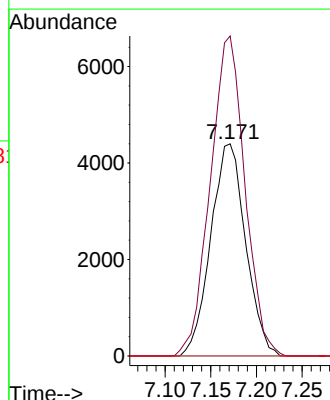
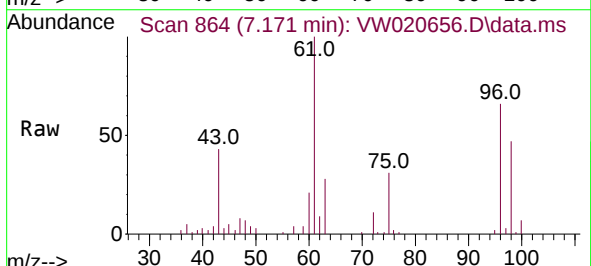
RT: 7.171 min Scan# 864

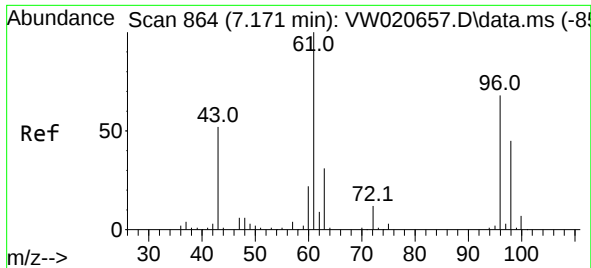
Delta R.T. 0.000 min

Lab File: VW020656.D

Acq: 21 Oct 2021 08:14

Tgt Ion:	96	Resp:	11675
Ion	Ratio	Lower	Upper
96	100		
61	150.8	103.7	192.7
68	0.0	0.0	0.0

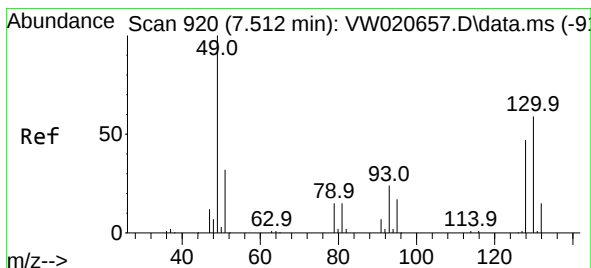
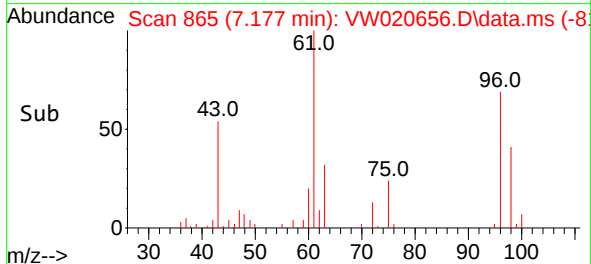
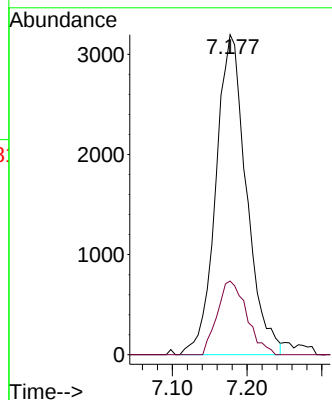
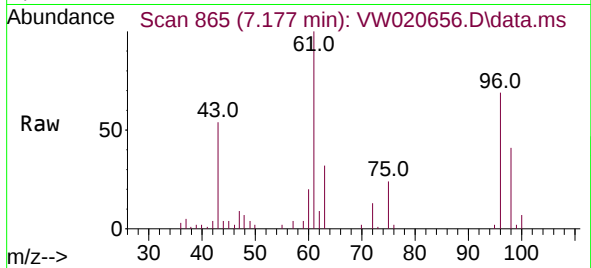




#22
2-Butanone
Concen: 10.170 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

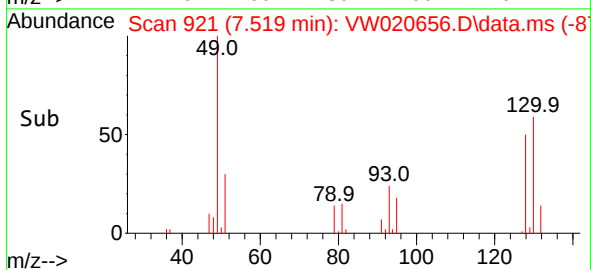
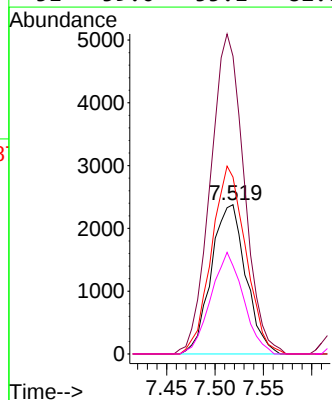
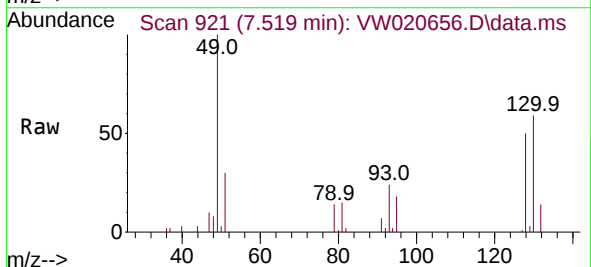
Instrument :
MSVOA_W
ClientSampled :

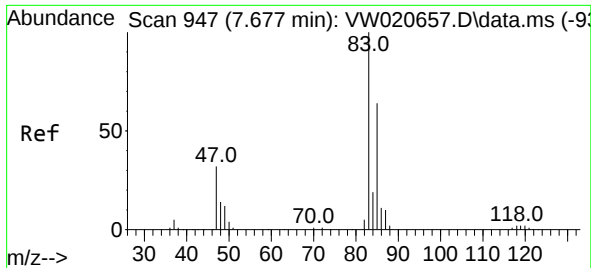
Tgt Ion: 43 Resp: 9108
Ion Ratio Lower Upper
43 100
72 22.2 11.8 35.4



#23
Bromochloromethane
Concen: 4.990 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 128 Resp: 5906
Ion Ratio Lower Upper
128 100
49 199.5 150.3 279.1
130 118.4 88.3 163.9
51 59.0 55.1 82.7

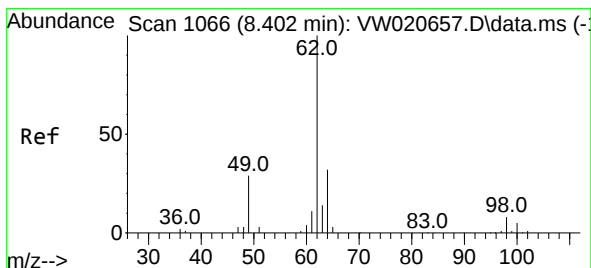
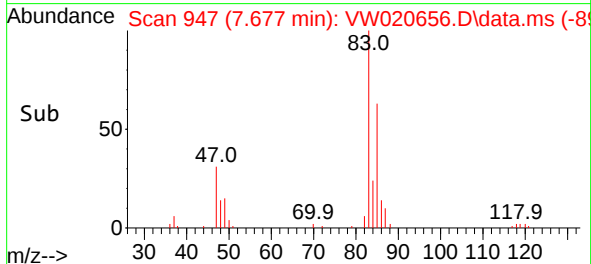
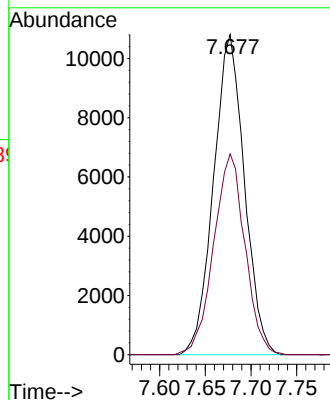
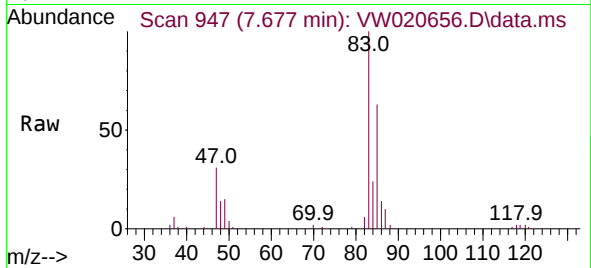




#25
Chloroform
Concen: 4.886 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

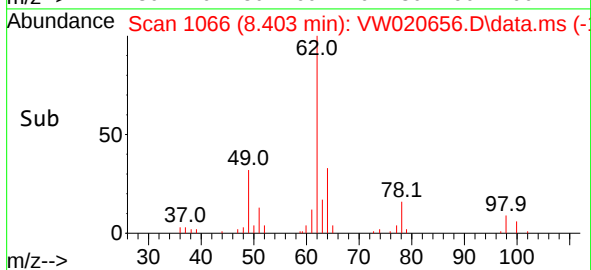
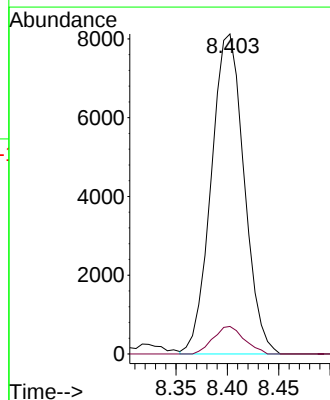
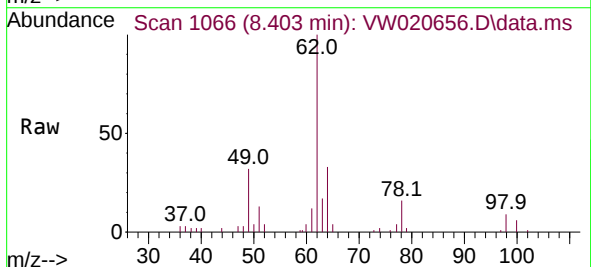
Instrument :
MSVOA_W
ClientSampled :

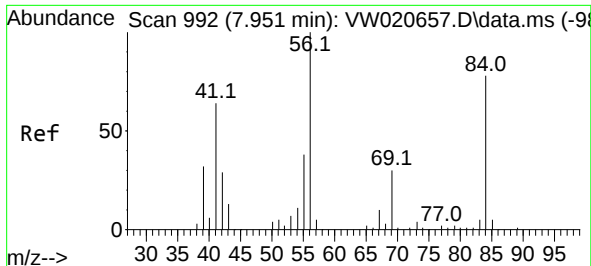
Tgt Ion: 83 Resp: 25353
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.086 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 62 Resp: 18079
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7





#29

Cyclohexane

Concen: 4.068 ug/L

RT: 7.951 min Scan# 992

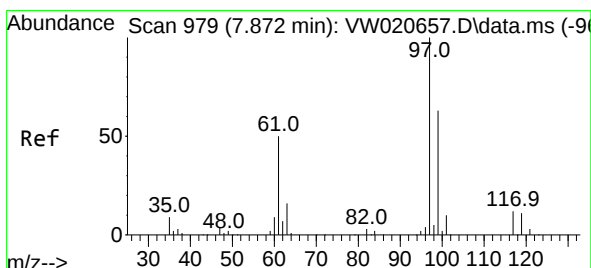
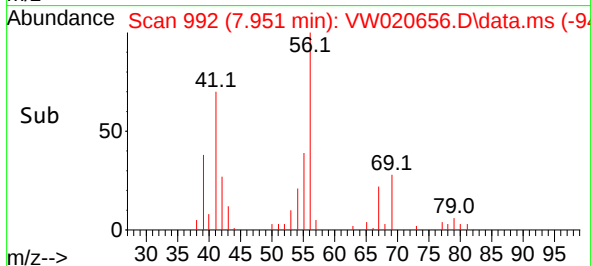
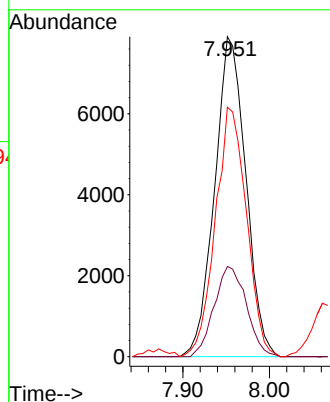
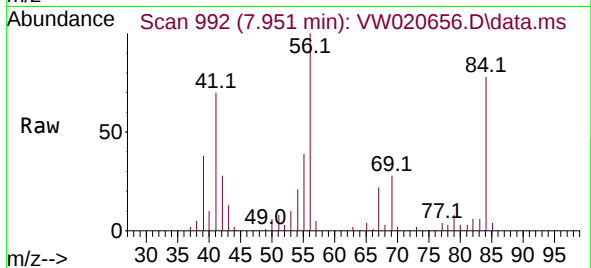
Delta R.T. 0.000 min

Lab File: VW020656.D

Acq: 21 Oct 2021 08:14

Tgt Ion:	56	Resp:	19755
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.5	35.3
84	77.7	63.4	95.2

Instrument :
MSVOA_W
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 4.716 ug/L

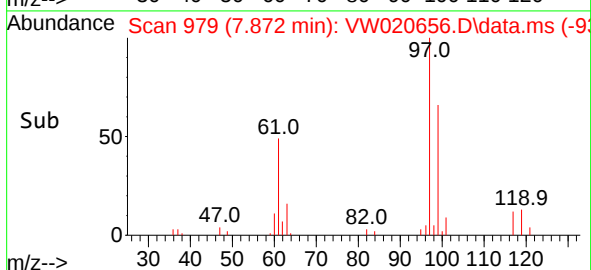
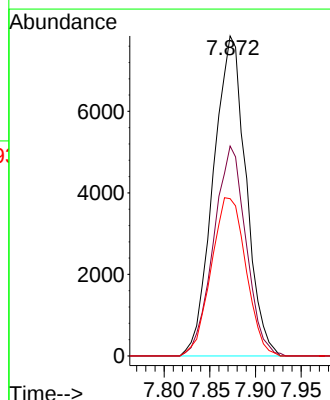
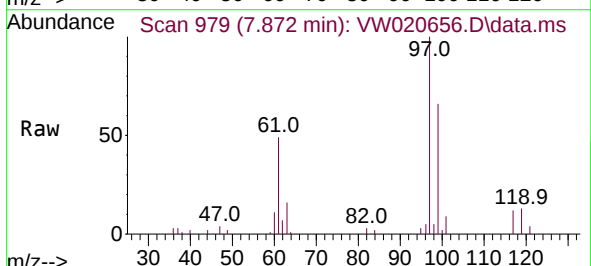
RT: 7.872 min Scan# 979

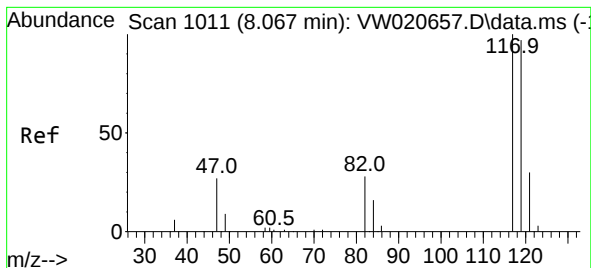
Delta R.T. 0.000 min

Lab File: VW020656.D

Acq: 21 Oct 2021 08:14

Tgt Ion:	97	Resp:	19504
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	52.6	40.9	61.3

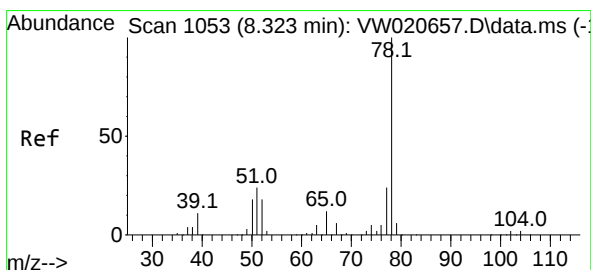
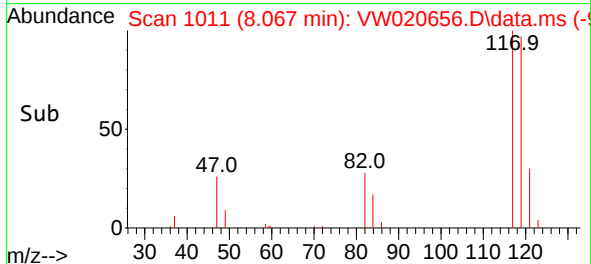
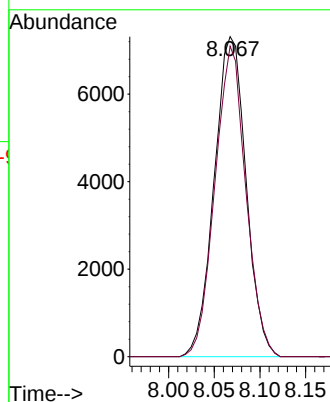
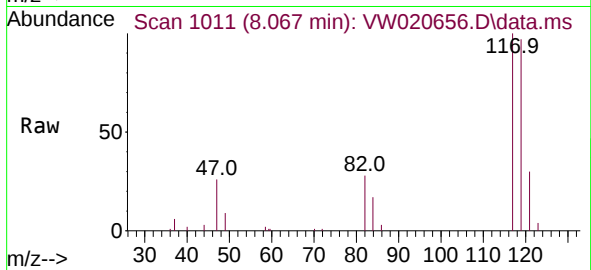




#31
Carbon tetrachloride
Concen: 4.876 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

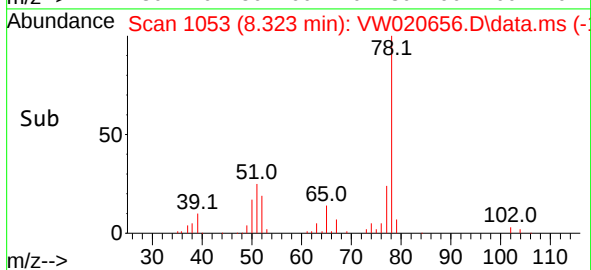
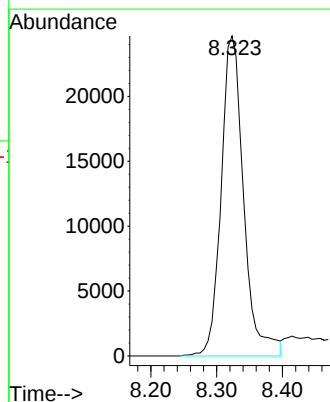
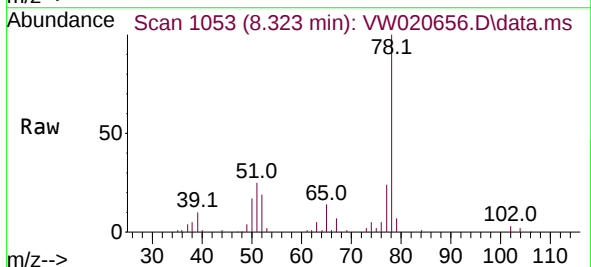
Instrument :
MSVOA_W
ClientSampled :

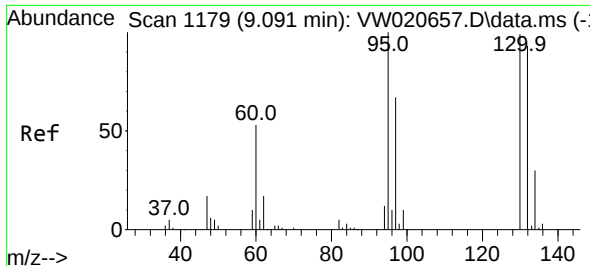
Tgt Ion:117 Resp: 17728
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5



#33
Benzene
Concen: 4.959 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 78 Resp: 58800

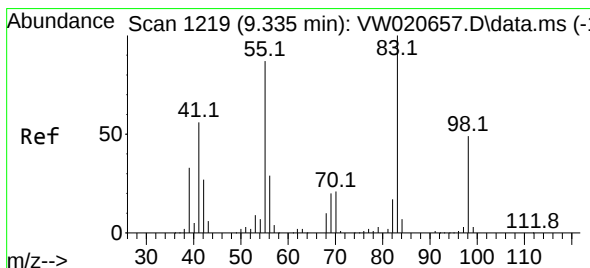
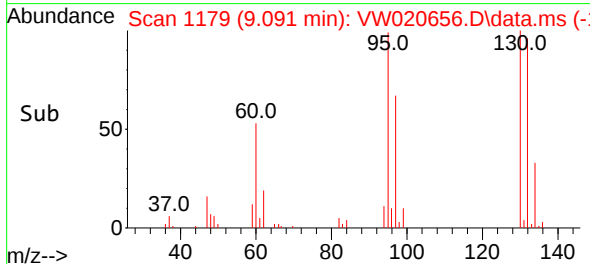
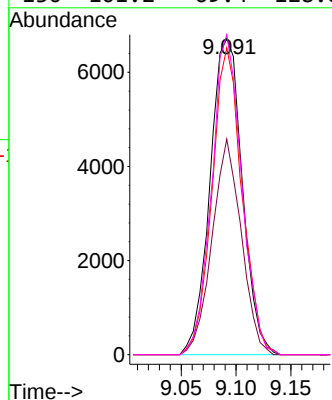
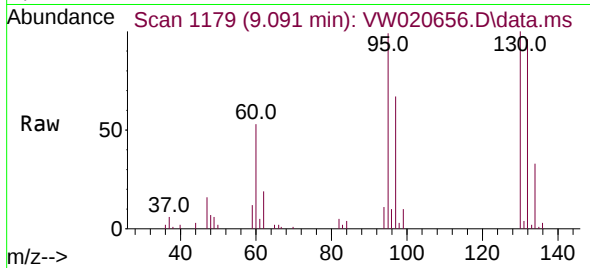




#34
Trichloroethene
Concen: 4.714 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

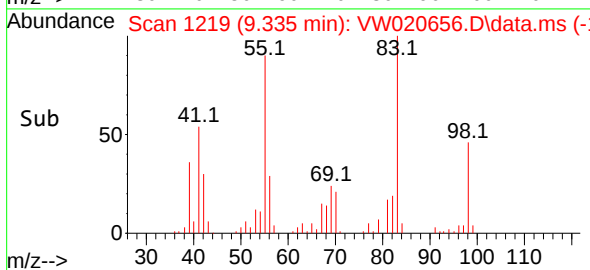
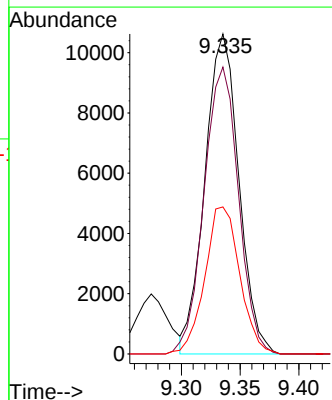
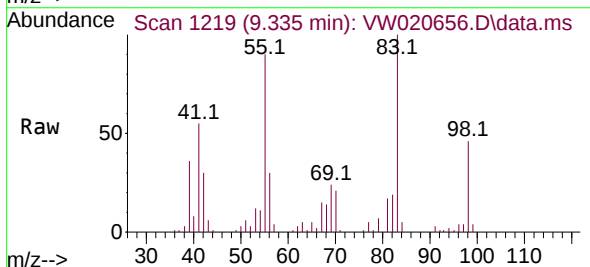
Instrument :
MSVOA_W
ClientSampled :

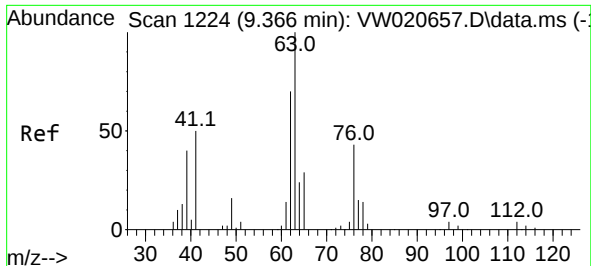
Tgt Ion: 95 Resp: 13705
Ion Ratio Lower Upper
95 100
97 68.2 47.0 87.2
132 97.1 65.5 121.6
130 101.2 69.4 128.8



#35
Methylcyclohexane
Concen: 4.278 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 83 Resp: 21322
Ion Ratio Lower Upper
83 100
55 91.0 70.8 106.2
98 47.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 4.747 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW020656.D

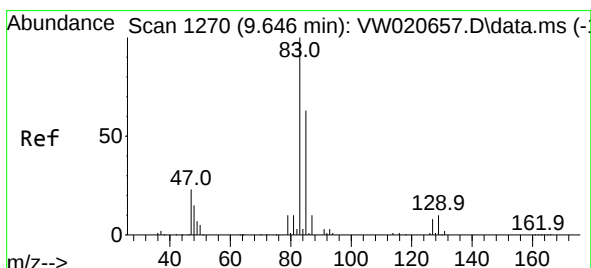
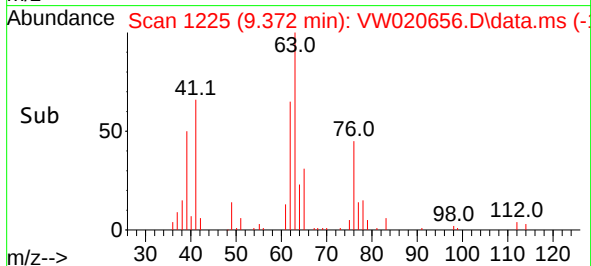
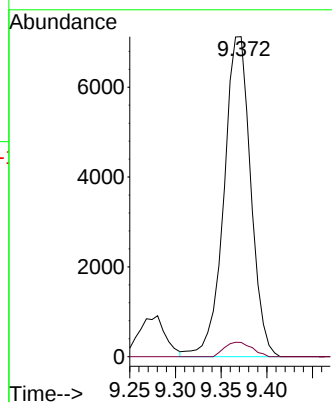
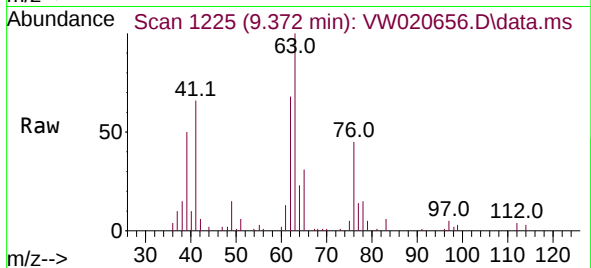
Acq: 21 Oct 2021 08:14

Tgt Ion: 63 Resp: 14547

Ion Ratio Lower Upper

63 100

112 4.6 3.2 4.8



#38

Bromodichloromethane

Concen: 4.756 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020656.D

Acq: 21 Oct 2021 08:14

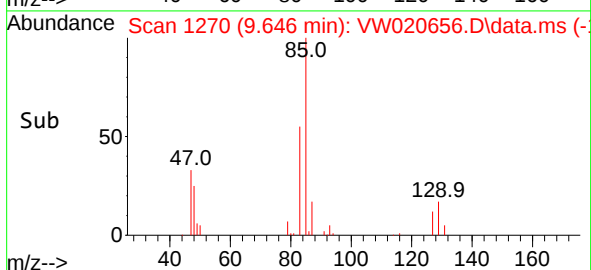
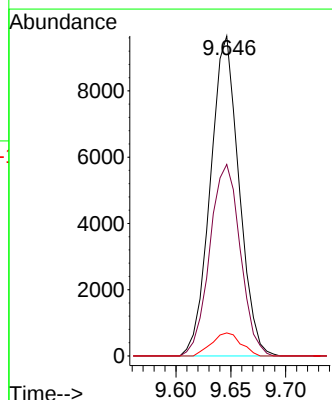
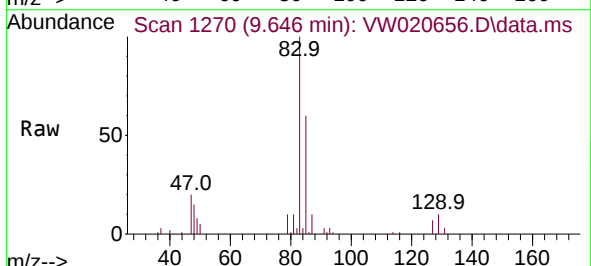
Tgt Ion: 83 Resp: 17548

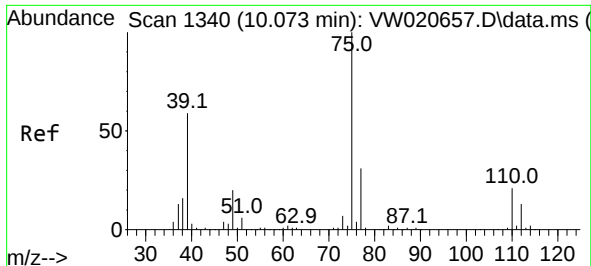
Ion Ratio Lower Upper

83 100

85 59.8 44.1 81.9

127 7.2 6.1 9.1

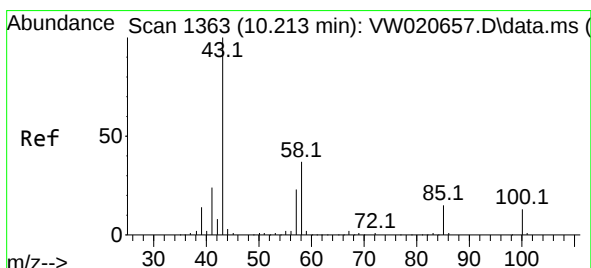
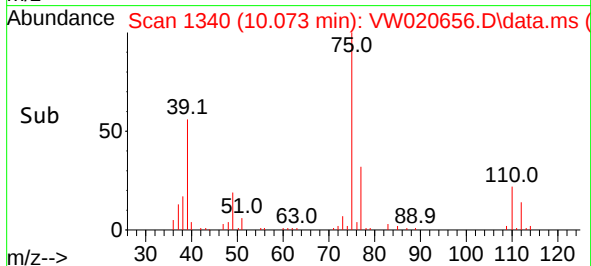
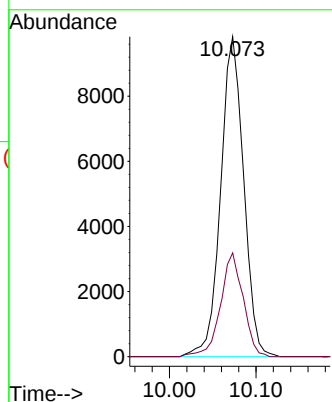
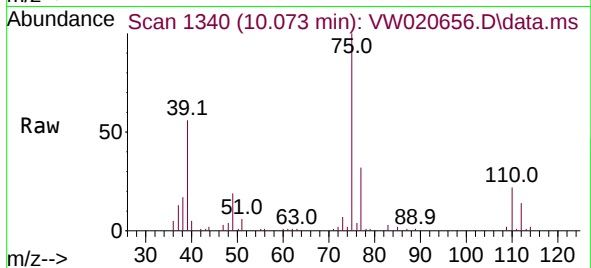




#39
cis-1,3-Dichloropropene
Concen: 4.297 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

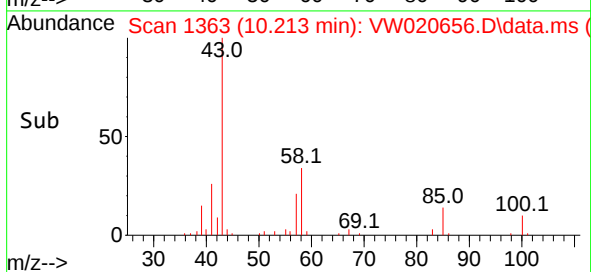
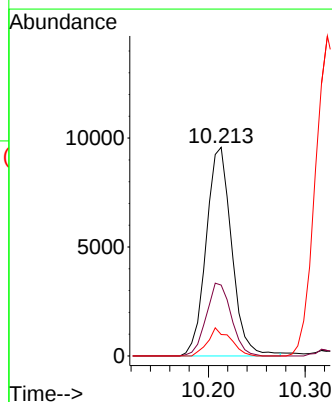
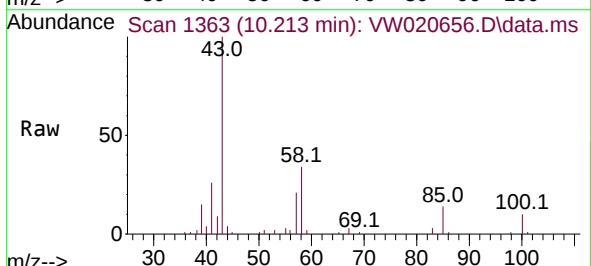
Instrument :
MSVOA_W
ClientSampled :

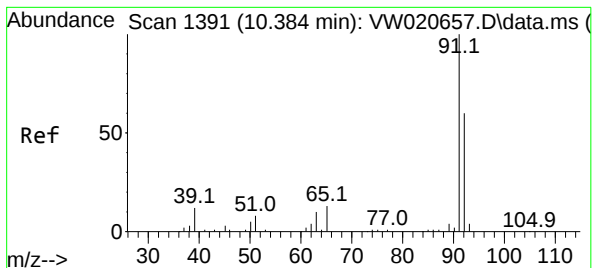
Tgt Ion: 75 Resp: 18147
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 9.507 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 43 Resp: 17575
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2
100 12.0 10.0 15.0





#42

Toluene

Concen: 4.512 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW020656.D

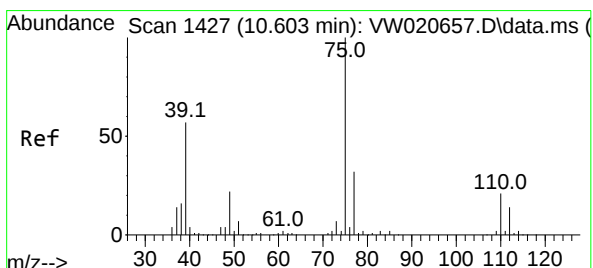
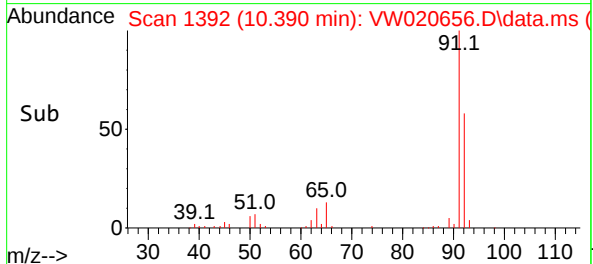
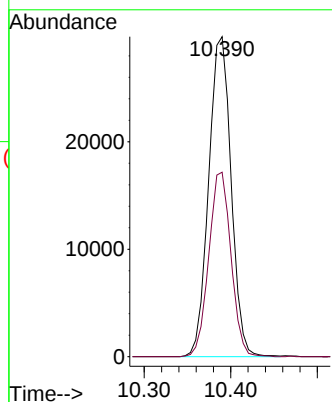
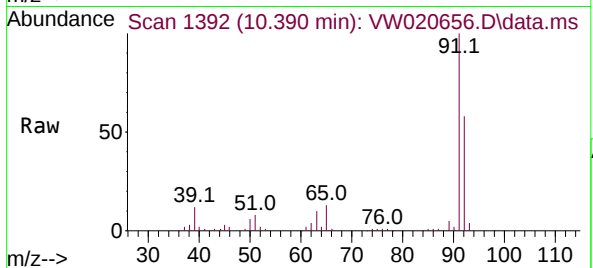
Acq: 21 Oct 2021 08:14

Tgt Ion: 91 Resp: 53600

Ion Ratio Lower Upper

91 100

92 57.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 4.449 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW020656.D

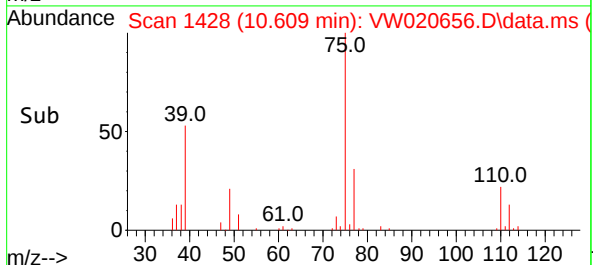
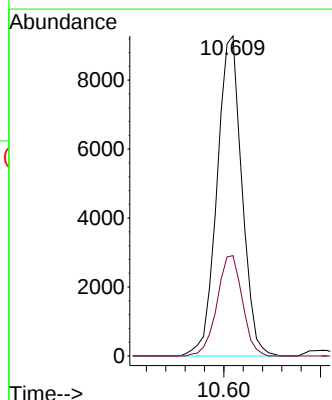
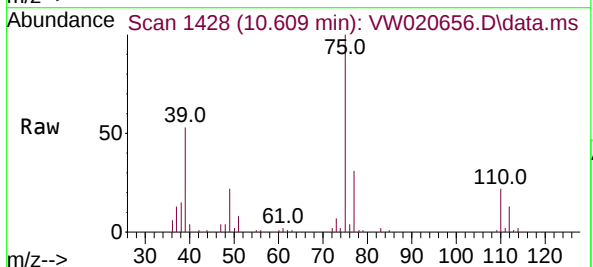
Acq: 21 Oct 2021 08:14

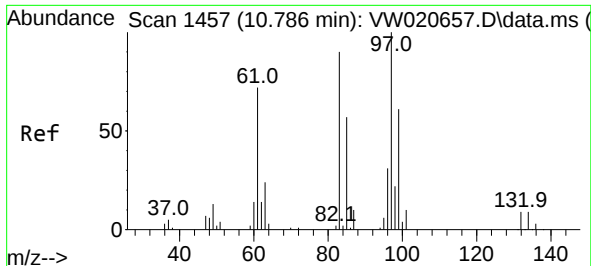
Tgt Ion: 75 Resp: 16537

Ion Ratio Lower Upper

75 100

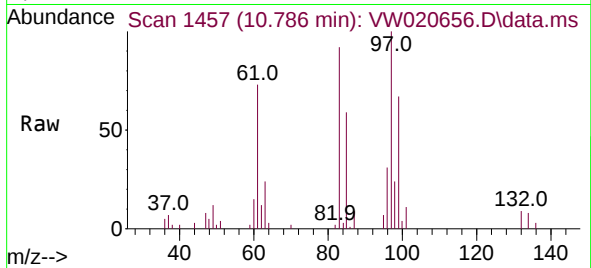
77 31.3 22.2 41.2





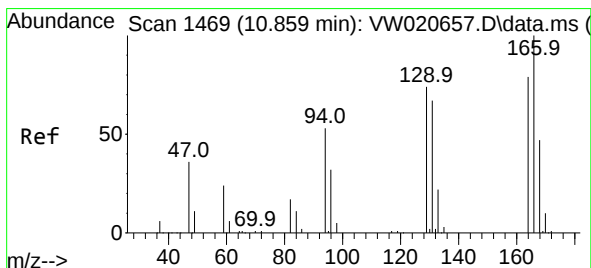
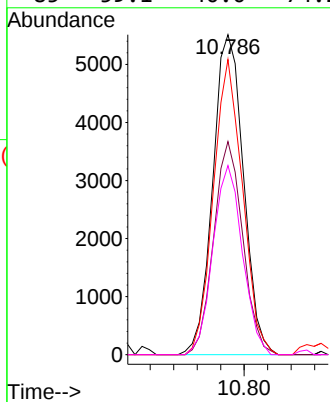
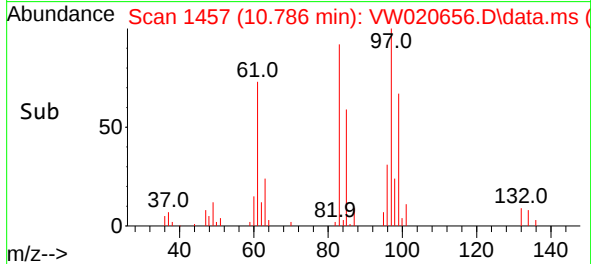
#45
1,1,2-Trichloroethane
Concen: 5.066 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Instrument :
MSVOA_W
ClientSampleId :

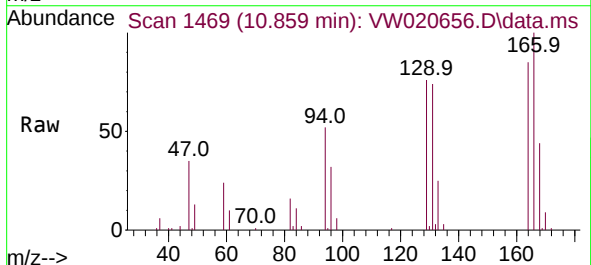


Tgt Ion: 97 Resp: 9984

Ion	Ratio	Lower	Upper
97	100		
99	66.6	43.0	79.8
83	92.3	62.6	116.3
85	59.1	40.0	74.2

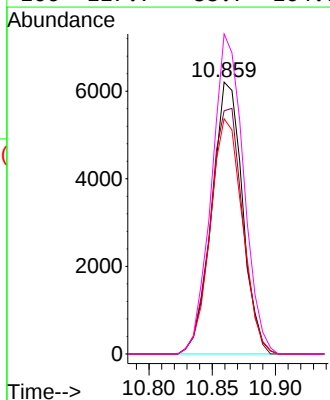
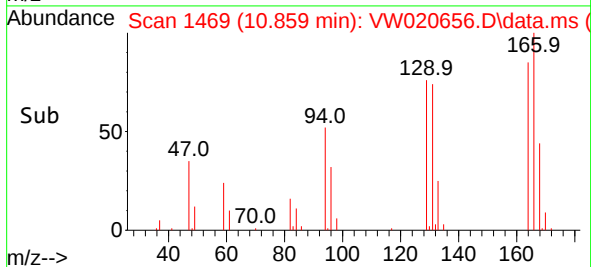


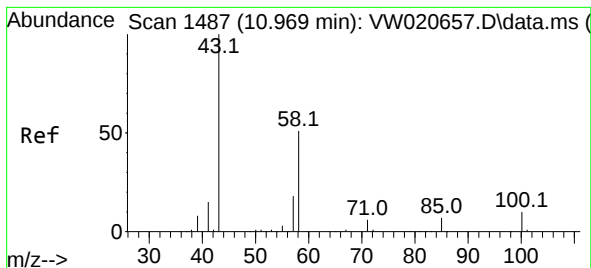
#46
Tetrachloroethene
Concen: 4.984 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14



Tgt Ion: 164 Resp: 10471

Ion	Ratio	Lower	Upper
164	100		
129	89.4	65.5	121.7
131	86.5	59.7	110.9
166	117.7	88.7	164.7

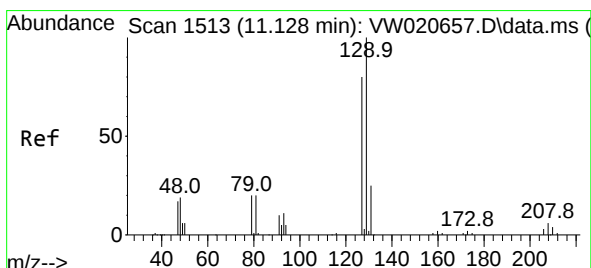
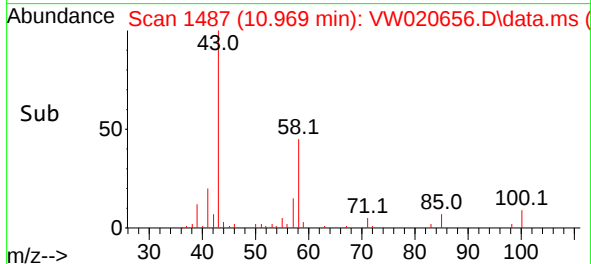
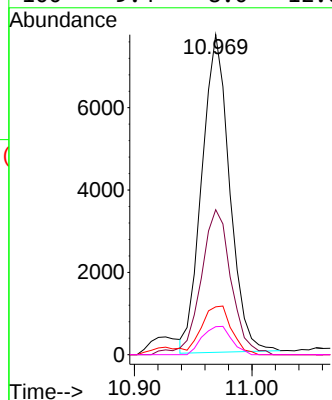
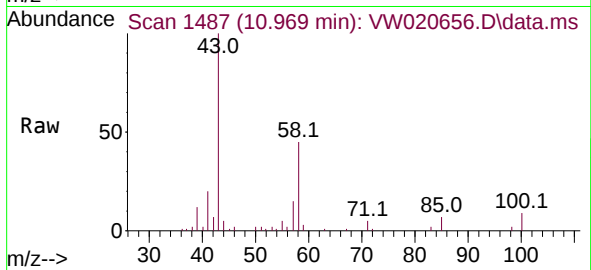




#48
2-Hexanone
Concen: 9.364 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

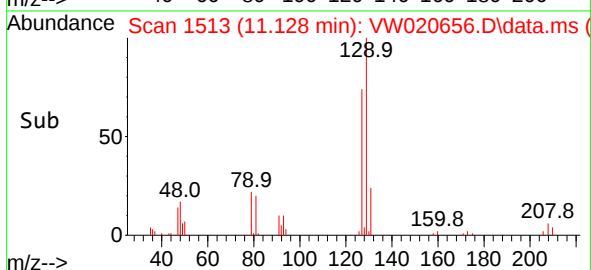
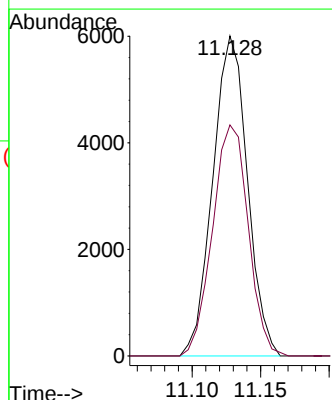
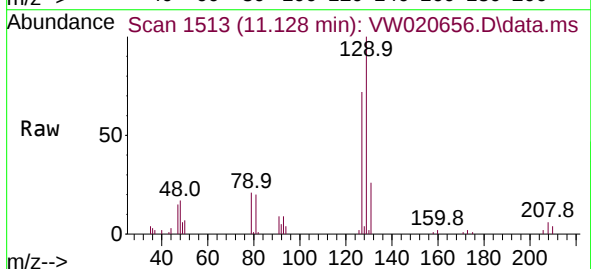
Instrument :
MSVOA_W
ClientSampled :

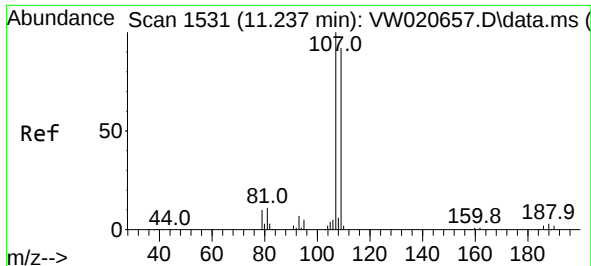
Tgt Ion:	43	Resp:	12652
Ion	Ratio	Lower	Upper
43	100		
58	48.7	40.2	60.2
57	16.3	14.3	21.5
100	9.4	8.0	12.0



#49
Dibromochloromethane
Concen: 4.876 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

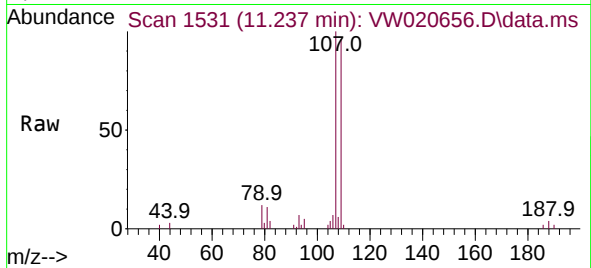
Tgt Ion:	129	Resp:	10553
Ion	Ratio	Lower	Upper
129	100		
127	72.2	55.7	103.5



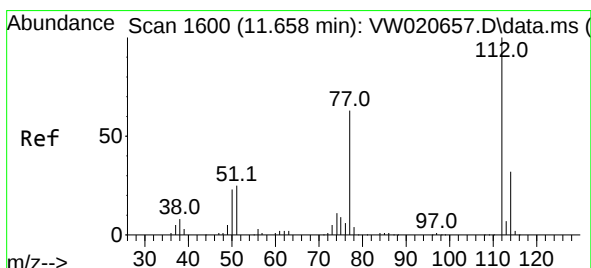
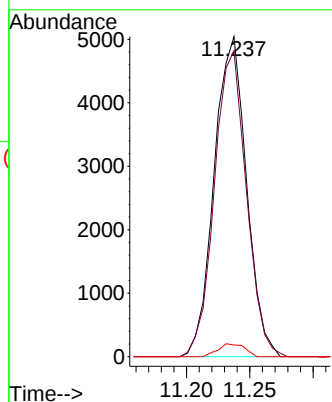
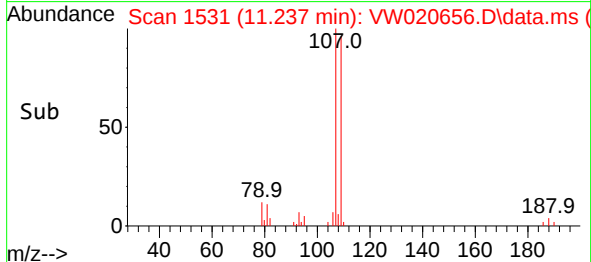


#50
1,2-Dibromoethane
Concen: 4.945 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

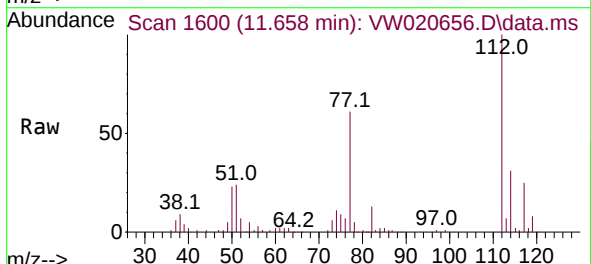
Instrument :
MSVOA_W
ClientSampleId :



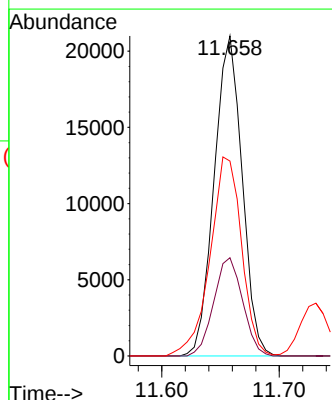
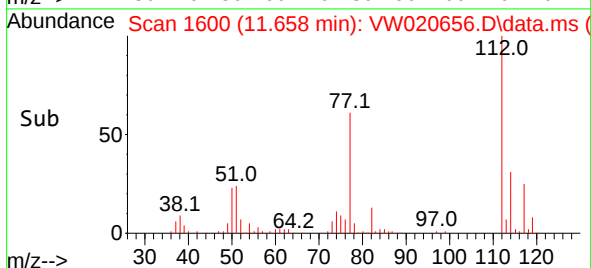
Tgt Ion:107 Resp: 8951
Ion Ratio Lower Upper
107 100
109 95.6 64.1 119.1
188 3.6 2.6 3.8

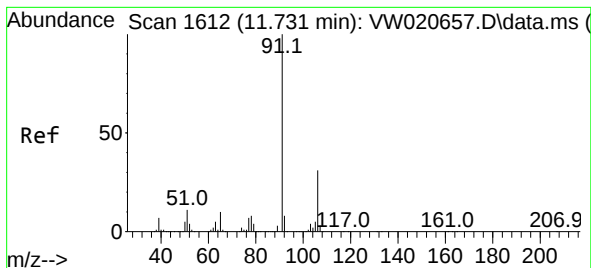


#51
Chlorobenzene
Concen: 4.742 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14



Tgt Ion:112 Resp: 34740
Ion Ratio Lower Upper
112 100
114 30.7 22.4 41.6
77 60.9 50.2 75.4

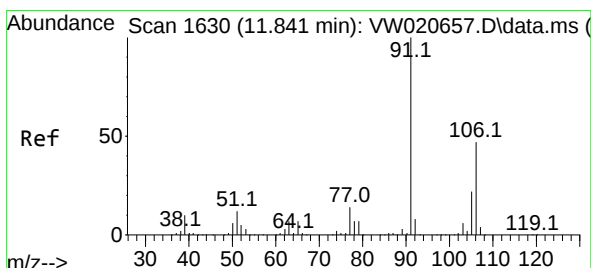
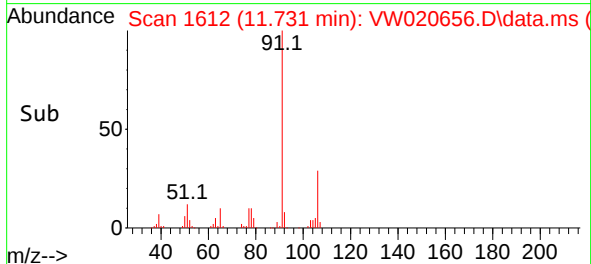
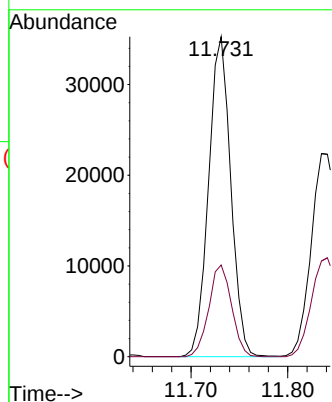
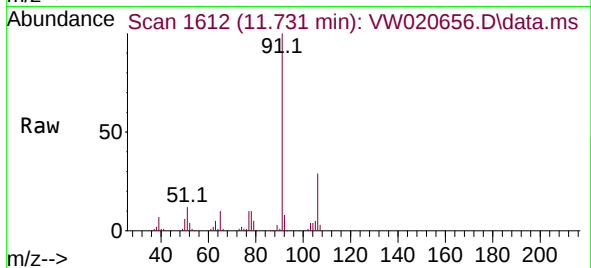




#52
Ethylbenzene
Concen: 4.370 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

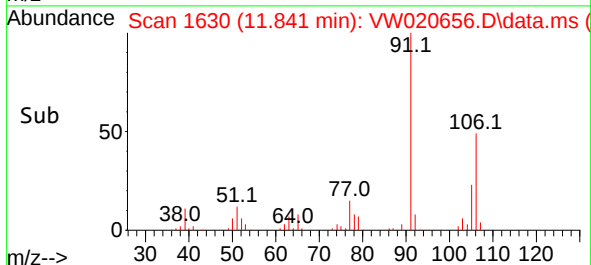
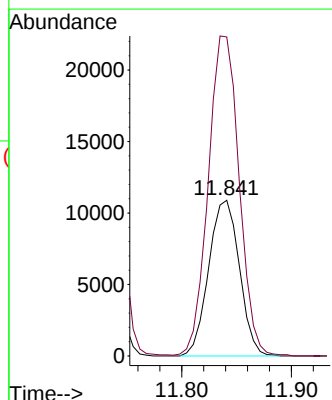
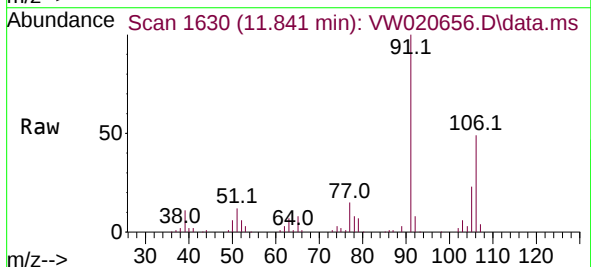
Instrument :
MSVOA_W
ClientSampled :

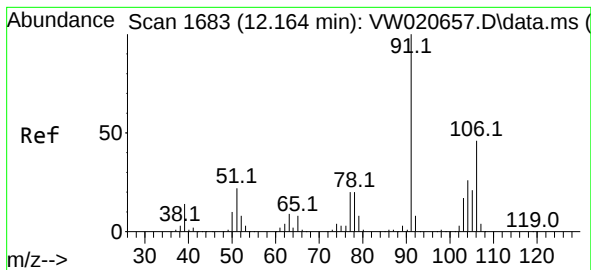
Tgt Ion: 91 Resp: 56234
Ion Ratio Lower Upper
91 100
106 28.6 21.5 39.9



#53
m,p-Xylene
Concen: 4.437 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 106 Resp: 21224
Ion Ratio Lower Upper
106 100
91 204.8 149.9 278.3

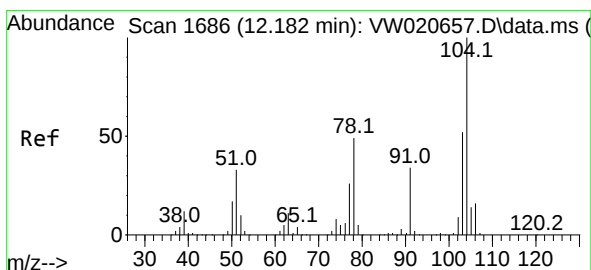
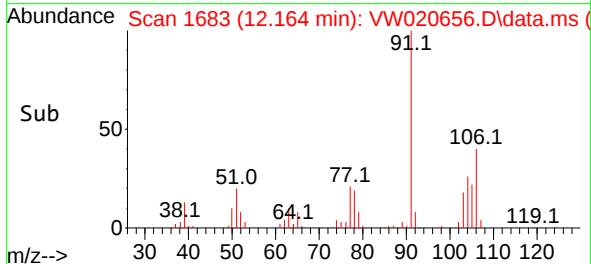
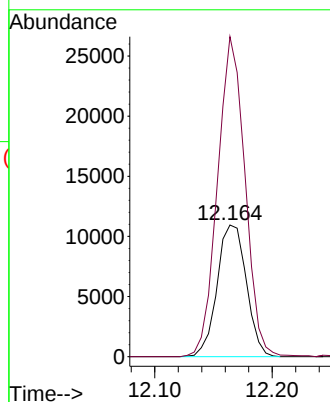
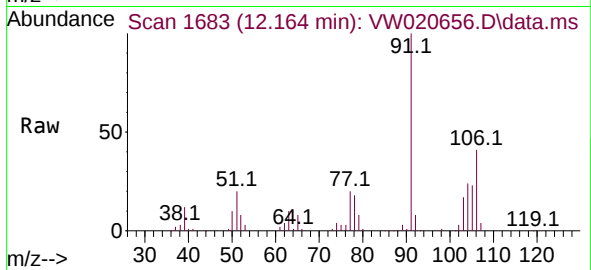




#54
o-Xylene
Concen: 4.294 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

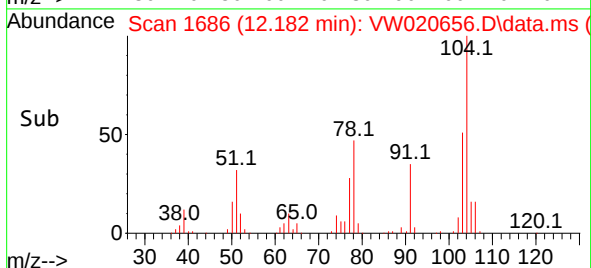
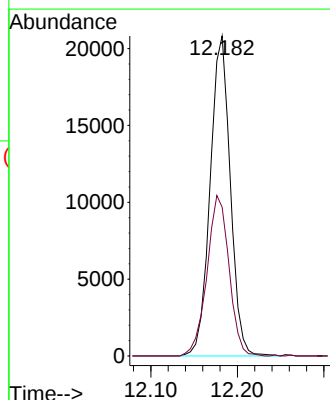
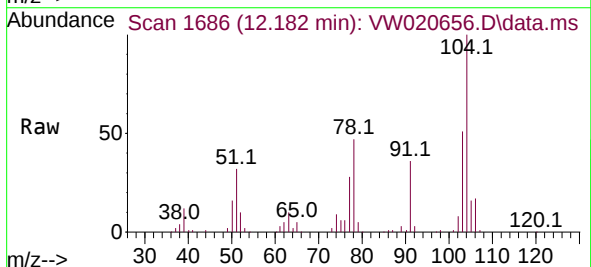
Instrument :
MSVOA_W
ClientSampled :

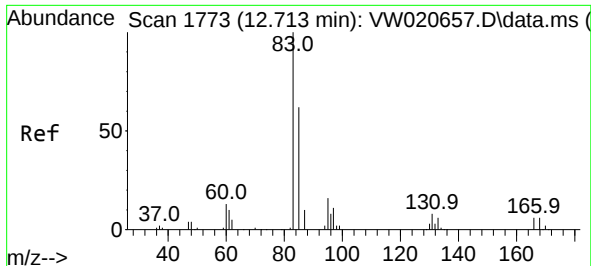
Tgt Ion:106 Resp: 18926
Ion Ratio Lower Upper
106 100
91 242.9 153.6 285.3



#55
Styrene
Concen: 4.336 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion:104 Resp: 33632
Ion Ratio Lower Upper
104 100
78 46.5 34.4 64.0

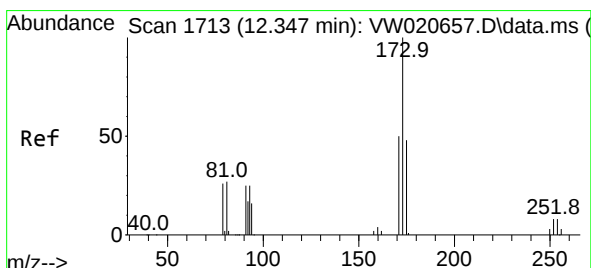
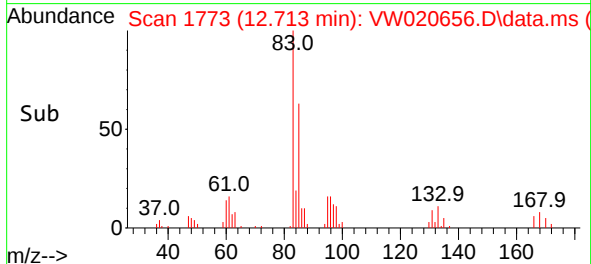
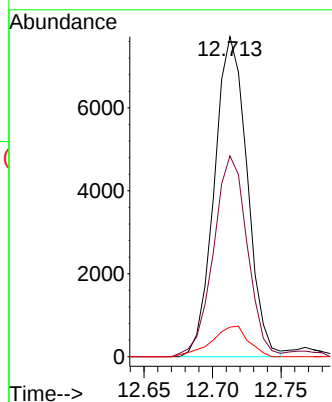
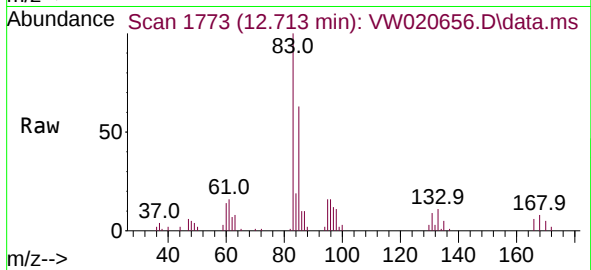




#57
1,1,2,2-Tetrachloroethane
Concen: 5.249 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

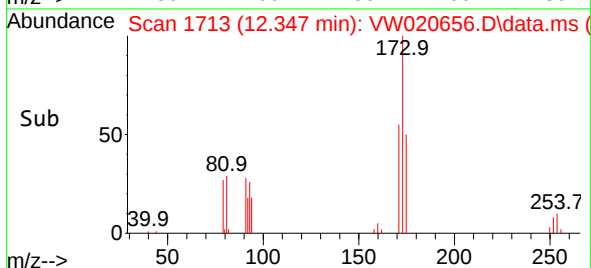
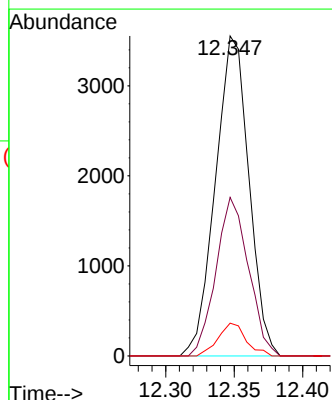
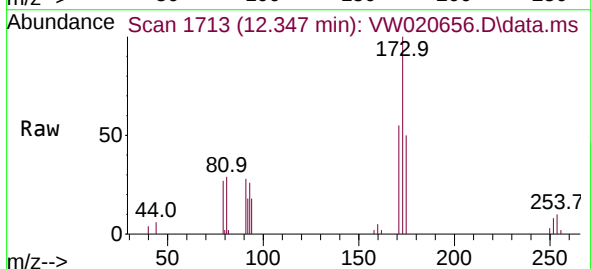
Instrument :
MSVOA_W
ClientSampled :

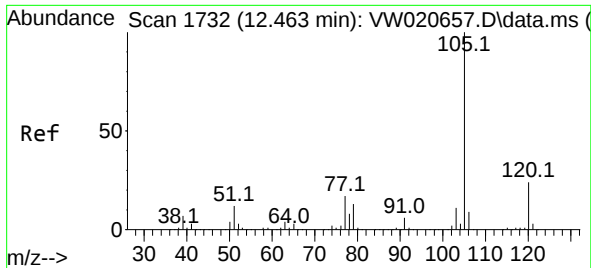
Tgt Ion: 83 Resp: 12848
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.6
131 9.2 6.9 10.3



#59
Bromoform
Concen: 5.113 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 173 Resp: 6039
Ion Ratio Lower Upper
173 100
175 48.0 39.6 59.4
254 8.6 7.4 11.0

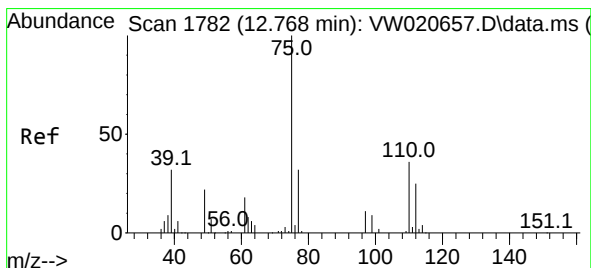
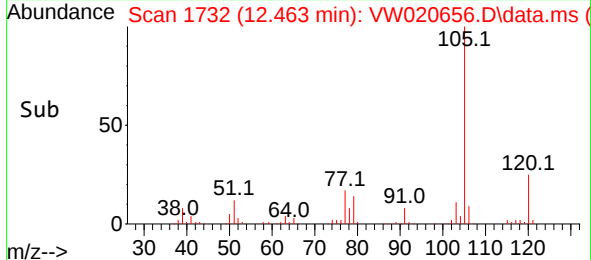
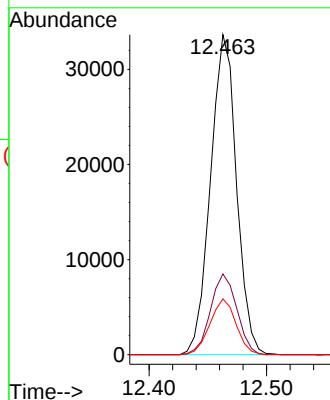
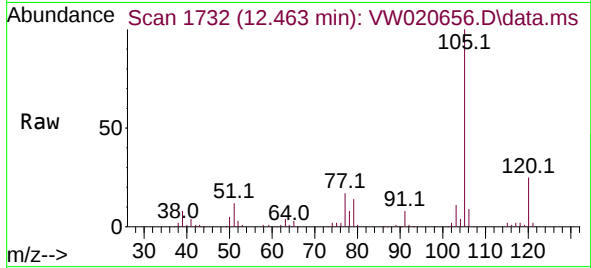




#60
Isopropylbenzene
Concen: 4.237 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

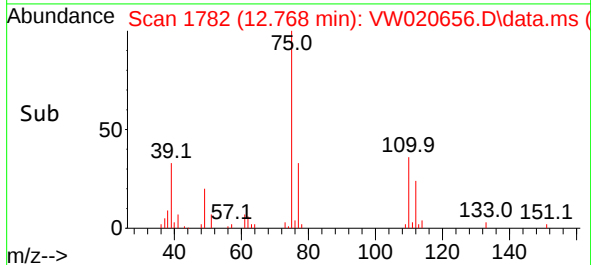
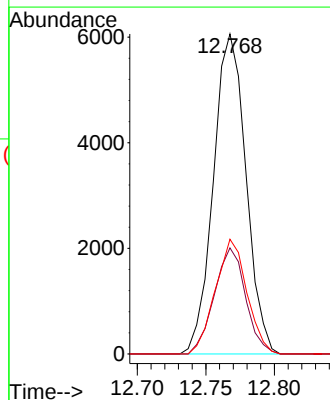
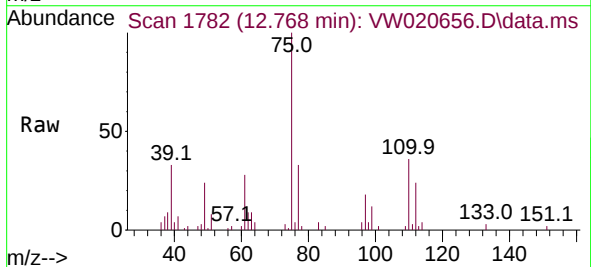
Instrument :
MSVOA_W
ClientSampled :

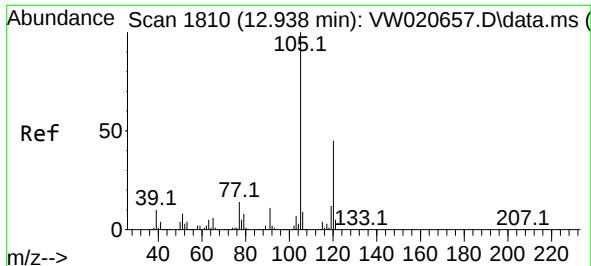
Tgt Ion:105 Resp: 51801
Ion Ratio Lower Upper
105 100
120 25.6 20.1 30.1
77 17.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.419 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion: 75 Resp: 10014
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 34.7 29.0 43.4

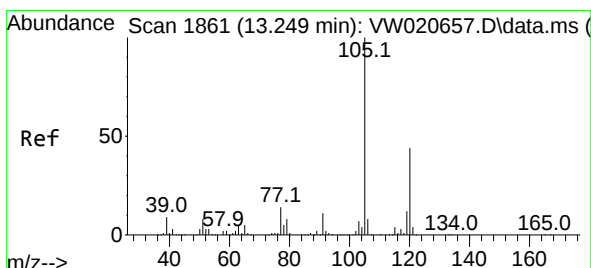
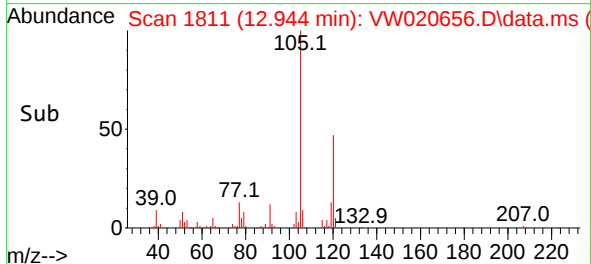
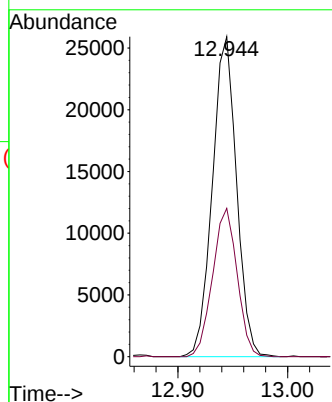
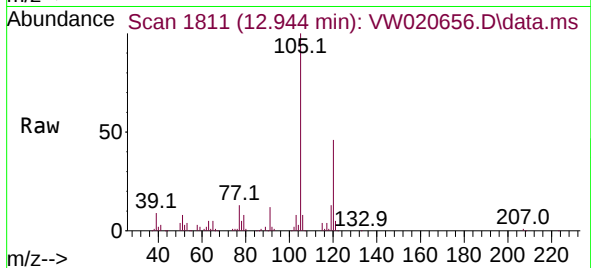




#62
1,3,5-Trimethylbenzene
Concen: 3.963 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

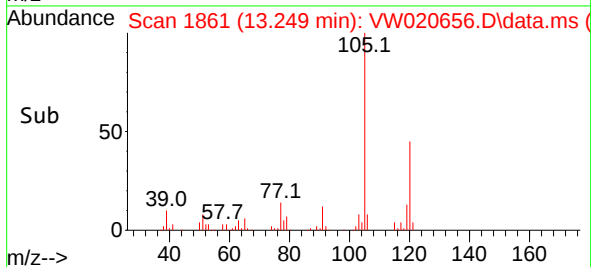
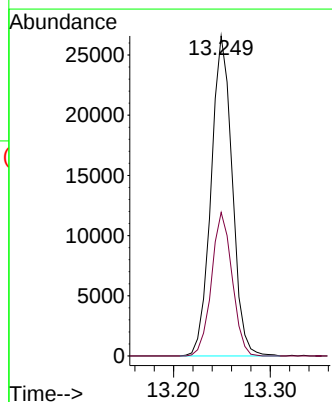
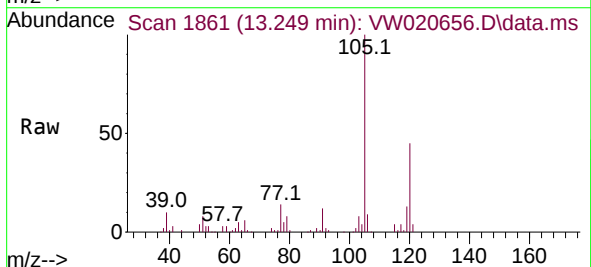
Instrument :
MSVOA_W
ClientSampled :

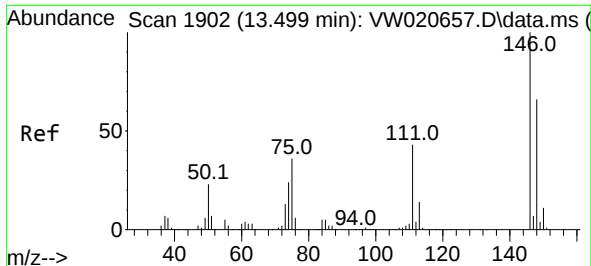
Tgt Ion:105 Resp: 39702
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 4.066 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion:105 Resp: 40383
Ion Ratio Lower Upper
105 100
120 43.5 35.0 52.6

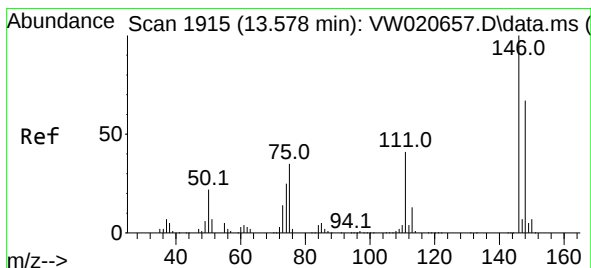
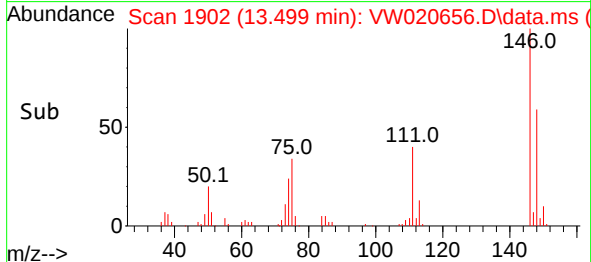
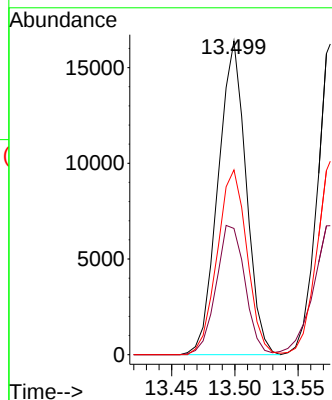
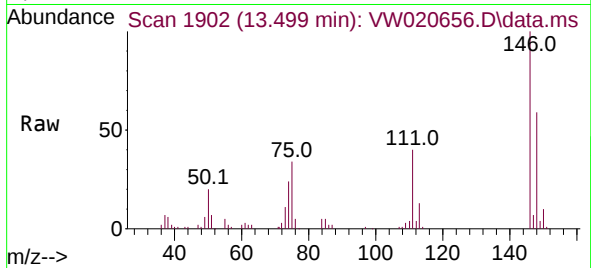




#64
1,3-Dichlorobenzene
Concen: 4.751 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

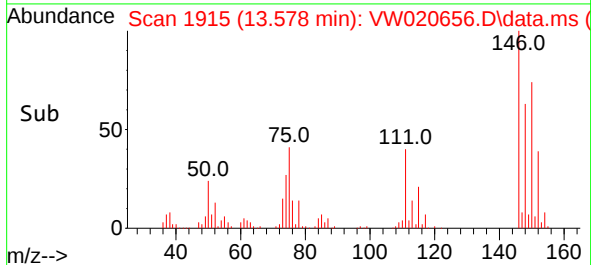
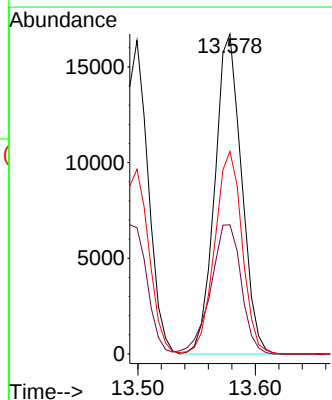
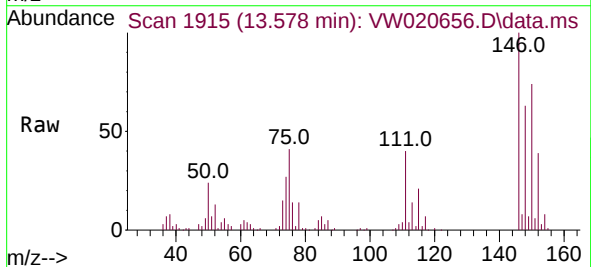
Instrument :
MSVOA_W
ClientSampled :

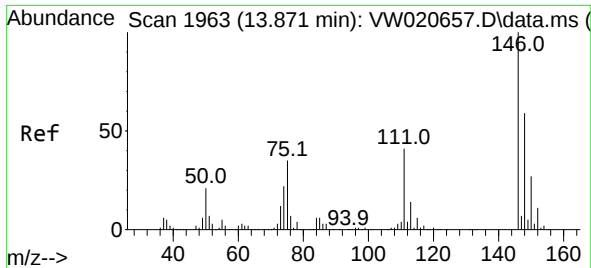
Tgt Ion:146 Resp: 25277
Ion Ratio Lower Upper
146 100
111 40.3 29.8 55.3
148 58.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 4.815 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion:146 Resp: 26481
Ion Ratio Lower Upper
146 100
111 40.4 29.0 53.9
148 63.3 46.9 87.1

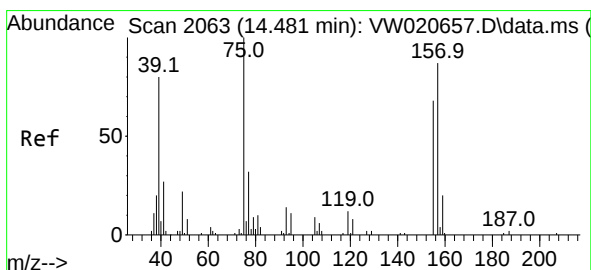
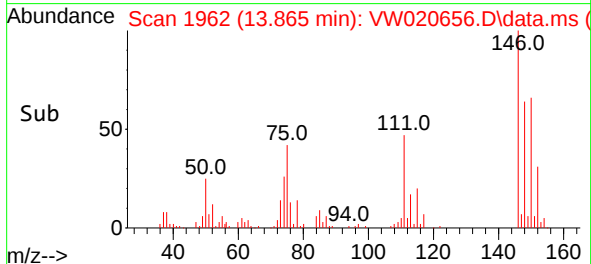
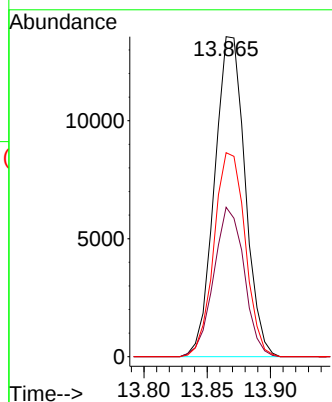
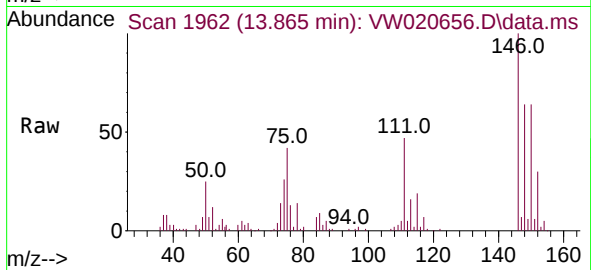




#67
1,2-Dichlorobenzene
Concen: 4.664 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

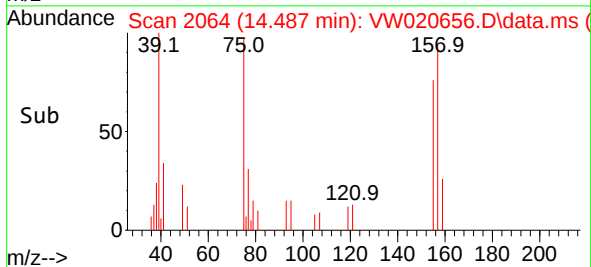
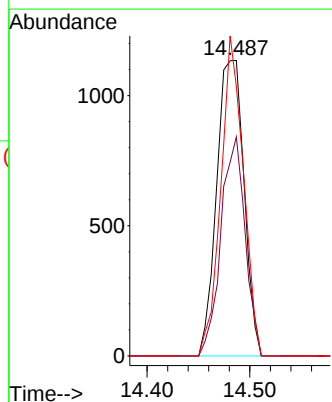
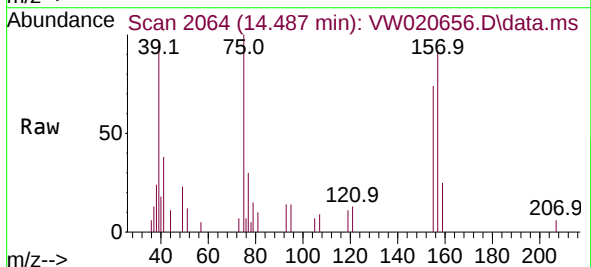
Instrument :
MSVOA_W
ClientSampleId :

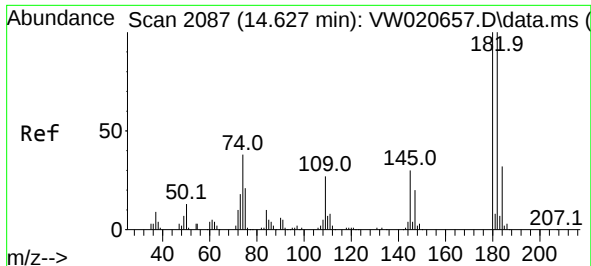
Tgt Ion:146 Resp: 22768
Ion Ratio Lower Upper
146 100
111 46.7 33.1 49.7
148 63.7 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.257 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

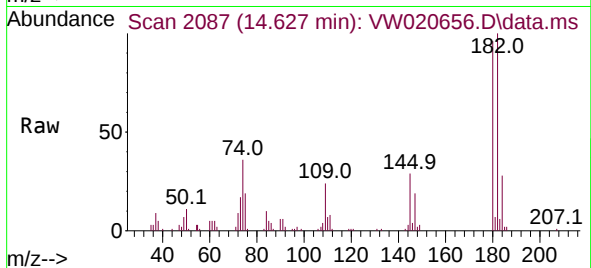
Tgt Ion: 75 Resp: 2092
Ion Ratio Lower Upper
75 100
155 74.1 54.2 81.2
157 91.2 69.4 104.2



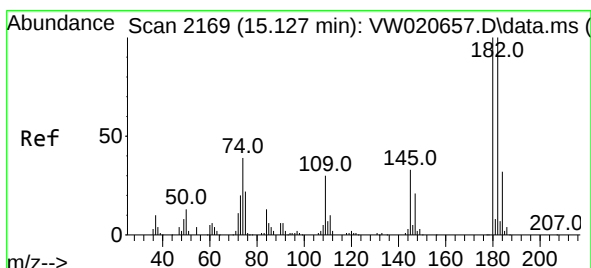
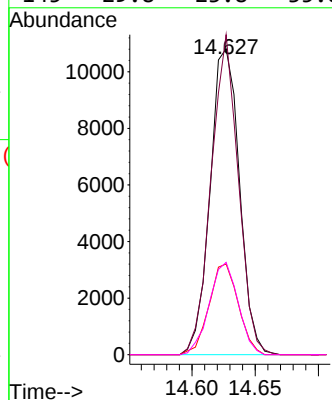
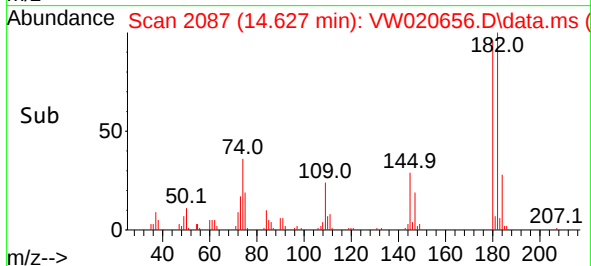


#69
1,3,5-Trichlorobenzene
Concen: 4.589 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

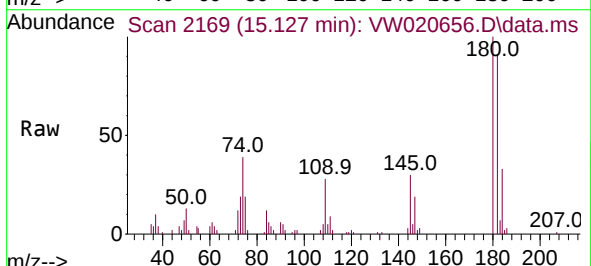
Instrument :
MSVOA_W
ClientSampleId :



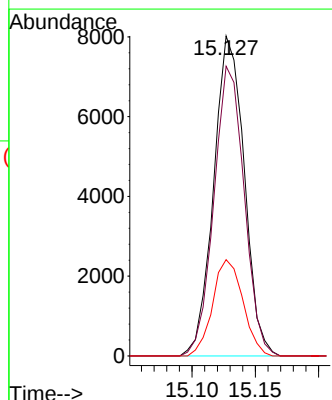
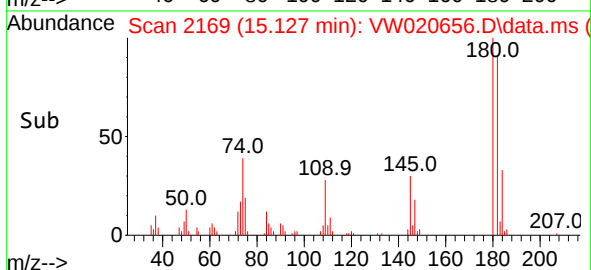
Tgt Ion:180 Resp: 17407
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
184 29.7 23.8 35.8
145 29.8 23.8 35.8

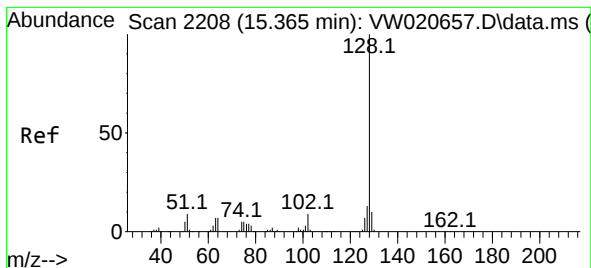


#70
1,2,4-trichlorobenzene
Concen: 4.529 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14



Tgt Ion:180 Resp: 13473
Ion Ratio Lower Upper
180 100
182 89.7 79.0 118.6
145 29.8 26.0 39.0

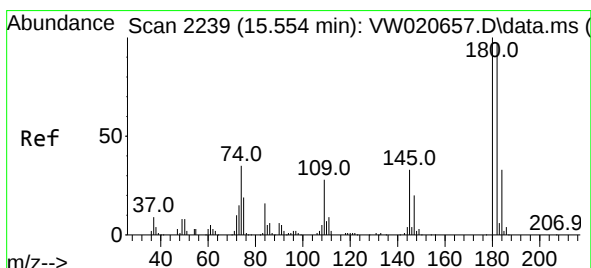
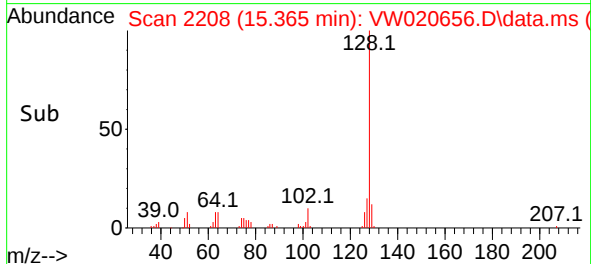
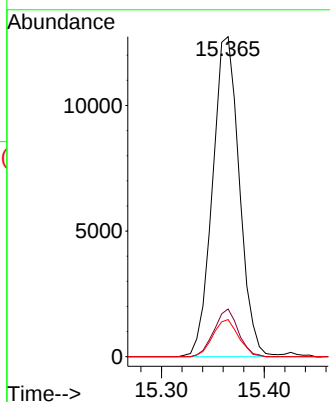
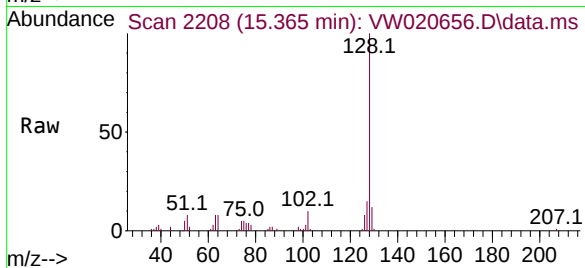




#71
Naphthalene
Concen: 4.235 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	23074
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.828 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020656.D
Acq: 21 Oct 2021 08:14

Tgt Ion:	180	Resp:	12785
Ion Ratio	Lower	Upper	
180	100		
182	88.6	76.6	114.8
145	31.6	27.4	41.0

