

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021498.D
 Acq On : 20 Dec 2021 15:13
 Operator : SY/VA
 Sample : M5171-09
 Misc : 5.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 16:38:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	80488	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.640	117	46710	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	13.548	152	151328	25.000	ug/L	#-0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41835	28.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.160%	
7) Chloroethane-d5	2.885	69	26158	26.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.960%	
11) 1,1-Dichloroethene-d2	4.038	63	71656	36.666	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 146.680%#	
21) 2-Butanone-d5	7.086	46	25457	123.199	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 246.400%#	
24) Chloroform-d	7.641	84	120021	53.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 214.040%#	
26) 1,2-Dichloroethane-d4	8.311	65	41857	35.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 140.320%#	
32) Benzene-d6	8.281	84	87206	34.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 136.240%#	
36) 1,2-Dichloropropane-d6	9.335	67	155881	227.016	ug/L	0.06
Spiked Amount	25.000	Range	70 - 120	Recovery	= 908.080%#	
41) Toluene-d8	10.335	98	173280	66.238	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	= 264.960%#	
43) trans-1,3-Dichloroprop...	10.585	79	6643	21.011	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	= 84.040%	
47) 2-Hexanone-d5	10.933	63	20476	201.660	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 403.320%#	
56) 1,1,2,2-Tetrachloroeth...	12.676	84	275393	466.551	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	= 1866.200%#	
66) 1,2-Dichlorobenzene-d4	13.865	152	45309	7.726	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	= 30.920%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	8042	4.976	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	1795	1.615	ug/L #	83
12) 1,1-Dichloroethene	4.050	96	73643	73.814	ug/L #	65
13) Acetone	4.123	43	23424	126.452	ug/L	98
14) Carbon disulfide	4.385	76	4005	1.554	ug/L #	94
17) trans-1,2-Dichloroethene	5.428	96	51593	47.761	ug/L	86
19) 1,1-Dichloroethane	6.220	63	101206	59.704	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	9462197	8304.623	ug/L #	59
22) 2-Butanone	7.177	43	16363	67.640	ug/L #	1
25) Chloroform	7.641	83	1083085	550.407	ug/L #	18
27) 1,2-Dichloroethane	8.403	62	139437	111.896	ug/L #	89
29) Cyclohexane	7.933	56	321961	346.299	ug/L #	59
30) 1,1,1-Trichloroethane	7.878	97	694748	662.903	ug/L #	93
31) Carbon tetrachloride	7.878	117	88725	91.772	ug/L	97
33) Benzene	8.329	78	4115213	1617.271	ug/L	100
34) Trichloroethene	9.098	95	54193	75.870	ug/L #	49
35) Methylcyclohexane	9.341	83	1099467	933.119	ug/L	86
37) 1,2-Dichloropropane	9.372	63	33064	58.255	ug/L #	1
38) Bromodichloromethane	9.628	83	101241	129.733	ug/L #	33

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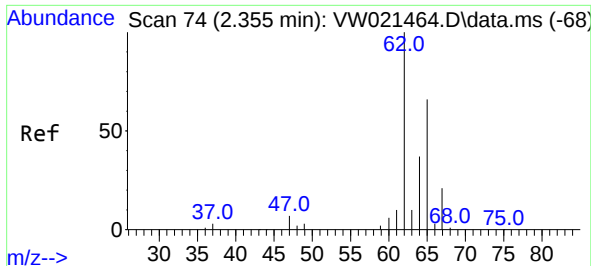
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 16:38:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

40) 4-Methyl-2-pentanone	10.280	43	104925	339.279	ug/L #	79
42) Toluene	10.408	91	28979473	9737.847	ug/L	85
45) 1,1,2-Trichloroethane	10.774	97	635414	1367.809	ug/L #	24
46) Tetrachloroethene	10.866	164	45283	66.735	ug/L	93
48) 2-Hexanone	10.951	43	770878	3437.279	ug/L #	18
49) Dibromochloromethane	10.951	129	9284	16.211	ug/L	75
50) 1,2-Dibromoethane	11.213	107	2723	5.890	ug/L #	1
51) Chlorobenzene	11.664	112	4634581	2326.114	ug/L	92
52) Ethylbenzene	11.743	91	22483754	6611.359	ug/L #	77
53) m,p-Xylene	11.847	106	7228297	5268.798	ug/L	70
54) o-Xylene	12.189	106	12450286	9562.463	ug/L	68
55) Styrene	12.207	104	956536	431.672	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.676	83	117314	220.296	ug/L #	30
60) Isopropylbenzene	12.481	105	17865516	868.840	ug/L #	89
61) 1,2,3-Trichloropropane	12.780	75	11537	5.238	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.963	105	5939937	339.471	ug/L	88
63) 1,2,4-Trimethylbenzene	13.597	105	10216839	591.907	ug/L	93
64) 1,3-Dichlorobenzene	13.511	146	6173	0.636	ug/L #	1
65) 1,4-Dichlorobenzene	13.585	146	80140	8.317	ug/L #	1
67) 1,2-Dichlorobenzene	13.871	146	1581438	185.206	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.487	75	50532	111.236	ug/L #	12
70) 1,2,4-trichlorobenzene	15.133	180	54452	9.339	ug/L #	79
71) Naphthalene	15.365	128	15046923	1588.434	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.554	180	6408	1.330	ug/L #	74

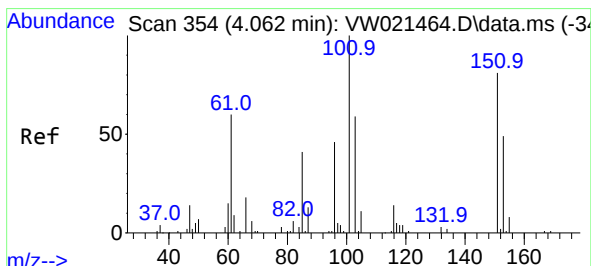
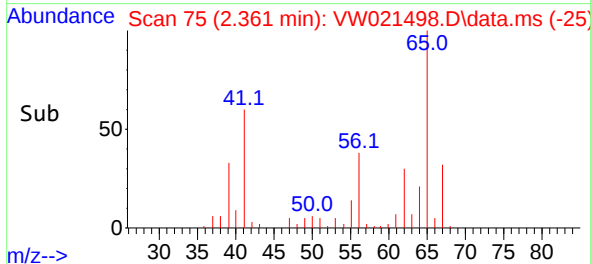
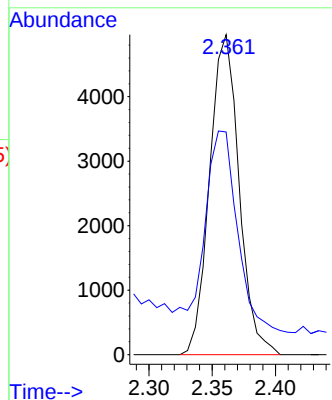
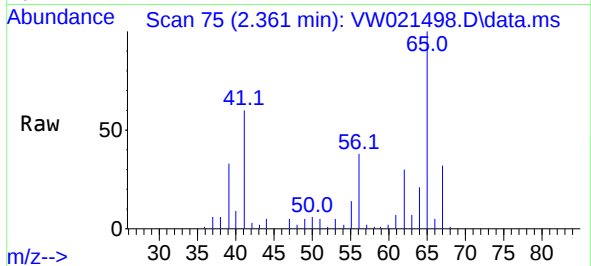
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 4.976 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW021498.D
 Acq: 20 Dec 2021 15:13

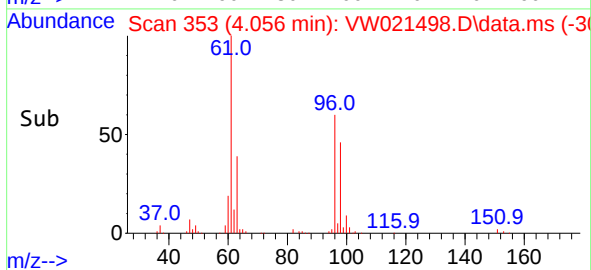
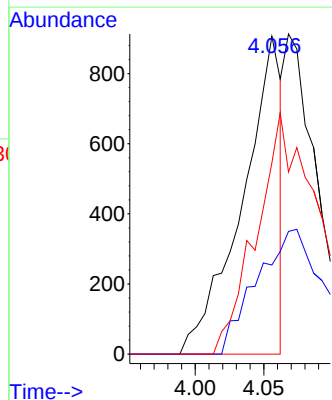
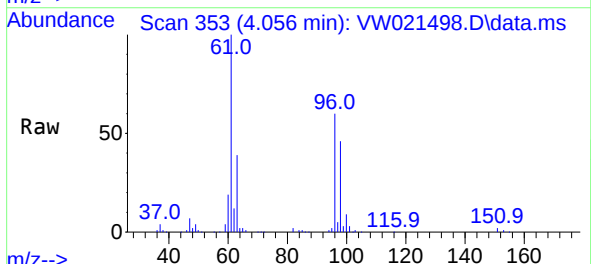
Instrument :
 MSVOA_W
 ClientSampleId :

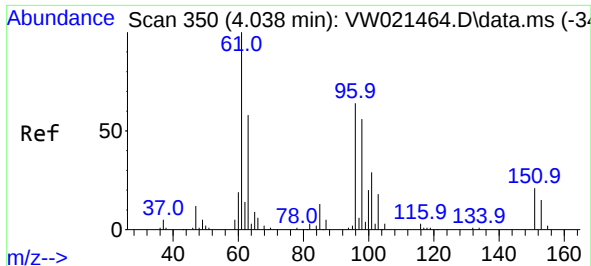
Tgt Ion: 62 Resp: 8042
 Ion Ratio Lower Upper
 62 100
 64 69.6 24.4 45.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.615 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW021498.D
 Acq: 20 Dec 2021 15:13

Tgt Ion: 101 Resp: 1795
 Ion Ratio Lower Upper
 101 100
 85 64.8 36.6 54.8#
 151 63.6 57.4 86.0

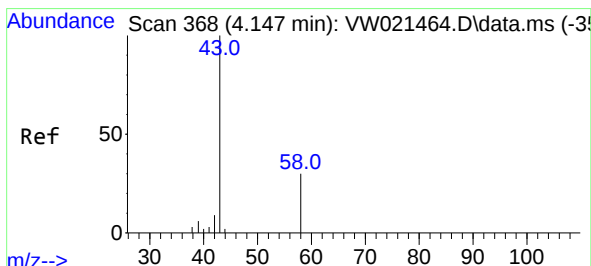
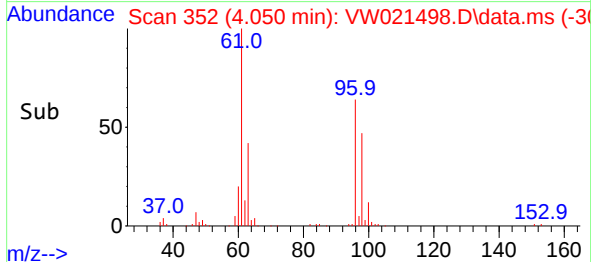
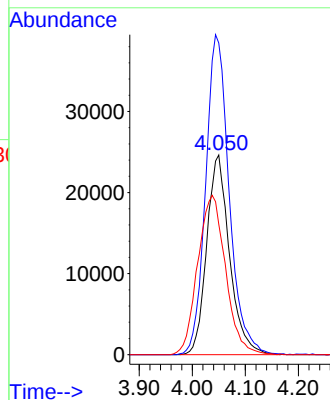
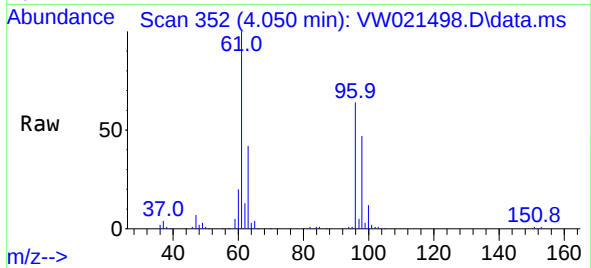




#12
1,1-Dichloroethene
Concen: 73.814 ug/L
RT: 4.050 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

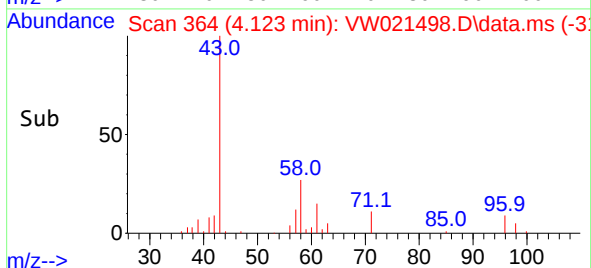
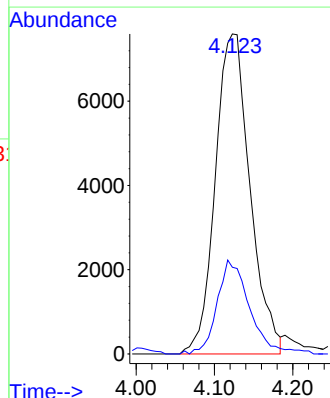
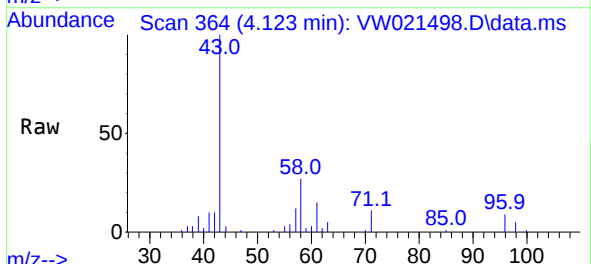
Instrument :
MSVOA_W
ClientSampleId :

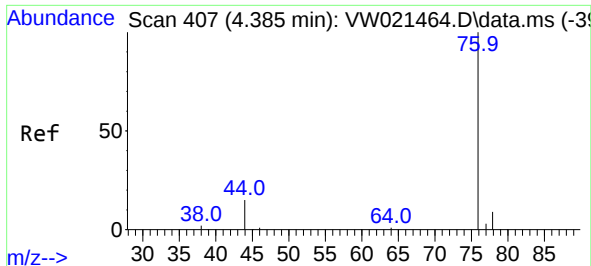
Tgt Ion: 96 Resp: 73643
Ion Ratio Lower Upper
96 100
61 156.1 138.3 256.9
63 65.4 82.6 153.4#



#13
Acetone
Concen: 126.452 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

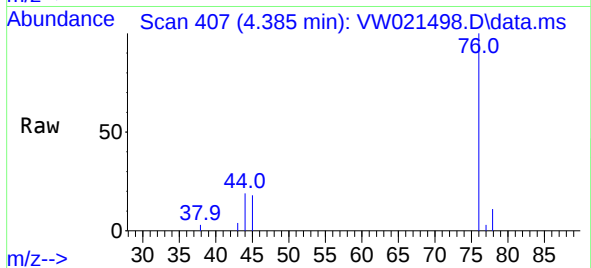
Tgt Ion: 43 Resp: 23424
Ion Ratio Lower Upper
43 100
58 27.4 0.0 52.8



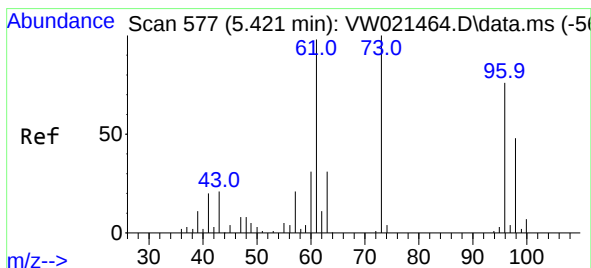
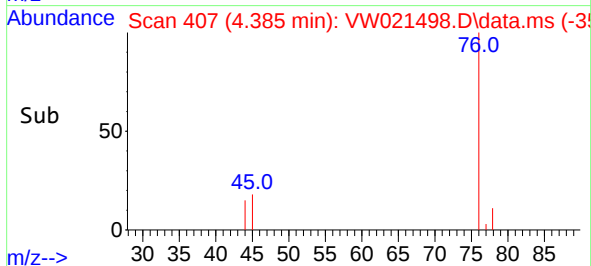
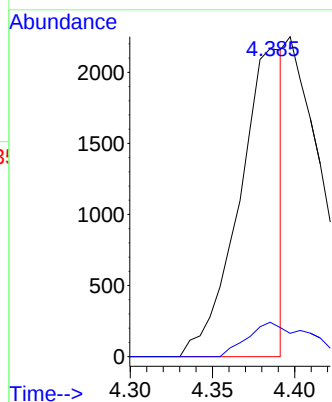


#14
Carbon disulfide
Concen: 1.554 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Instrument :
MSVOA_W
ClientSampleId :

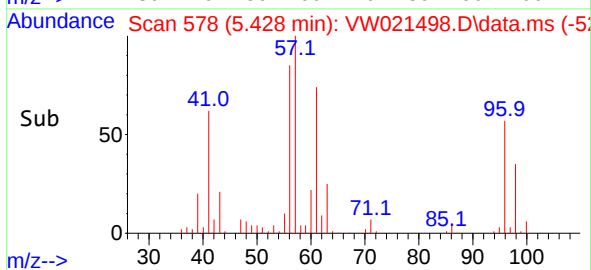
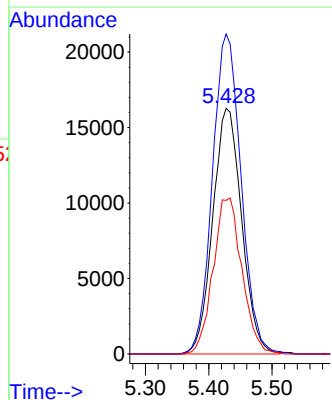
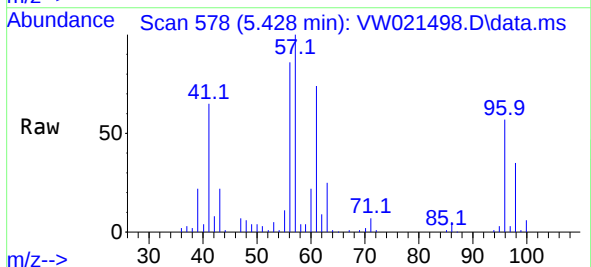


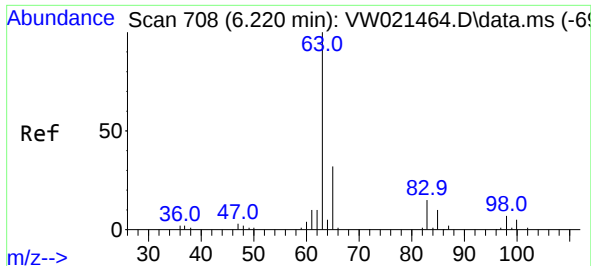
Tgt Ion: 76 Resp: 4005
Ion Ratio Lower Upper
76 100
78 11.2 7.1 10.7#



#17
trans-1,2-Dichloroethene
Concen: 47.761 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

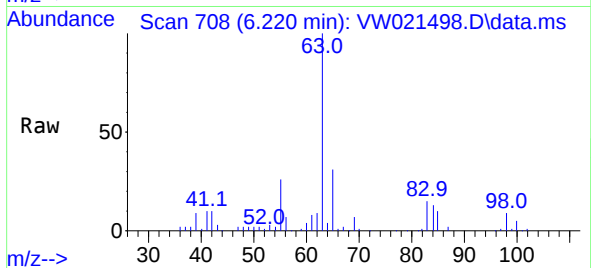
Tgt Ion: 96 Resp: 51593
Ion Ratio Lower Upper
96 100
61 130.3 107.4 199.4
98 62.5 41.2 76.6



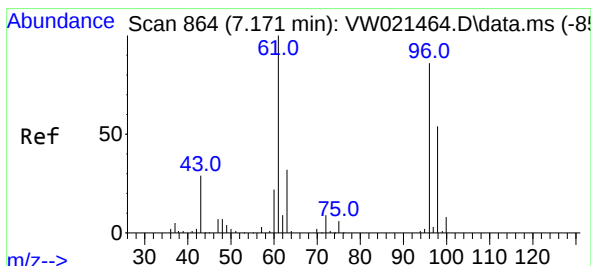
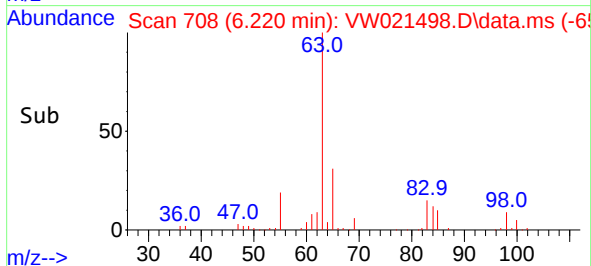
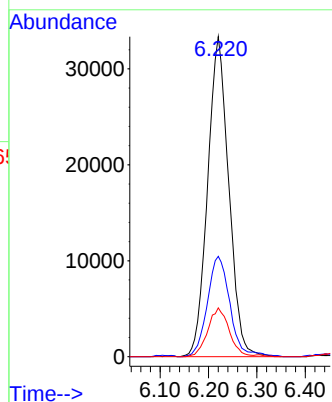


#19
1,1-Dichloroethane
Concen: 59.704 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Instrument :
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ClientSampleId :

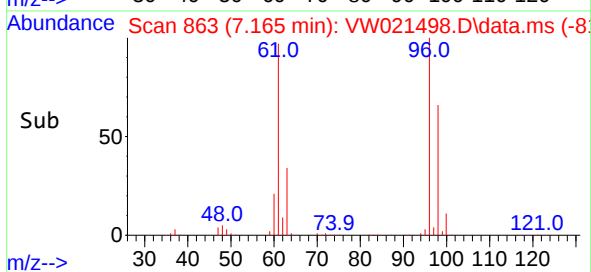
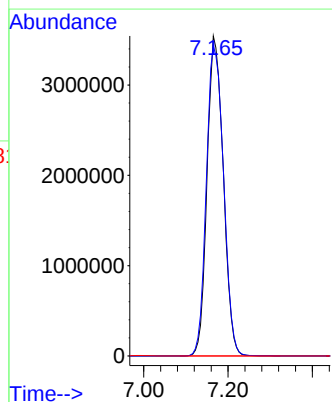
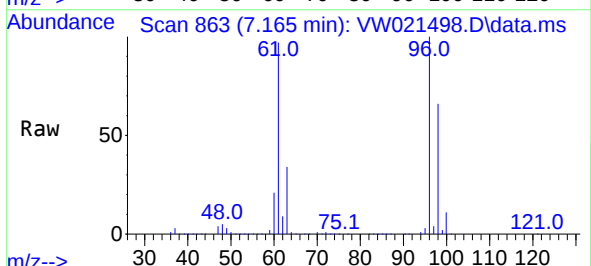


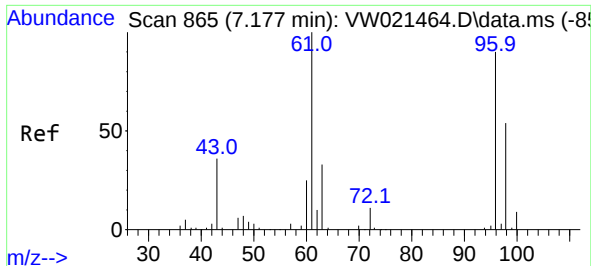
Tgt Ion: 63 Resp: 101206
Ion Ratio Lower Upper
63 100
65 31.3 22.1 41.1
83 15.3 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 8304.623 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

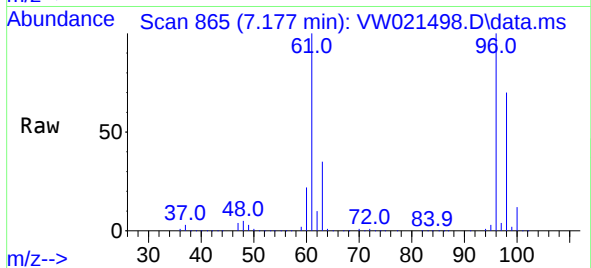
Tgt Ion: 96 Resp: 9462197
Ion Ratio Lower Upper
96 100
61 96.9 103.7 192.7#
68 0.0 0.0 0.0#



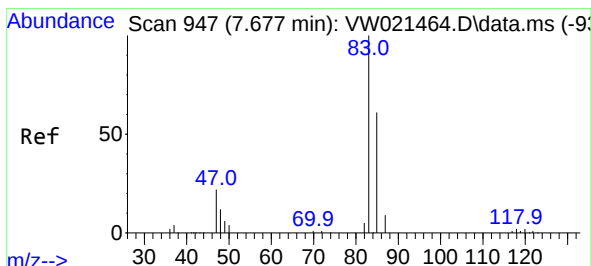
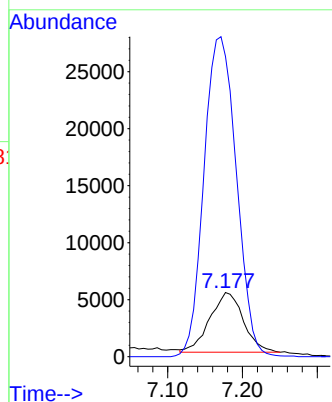
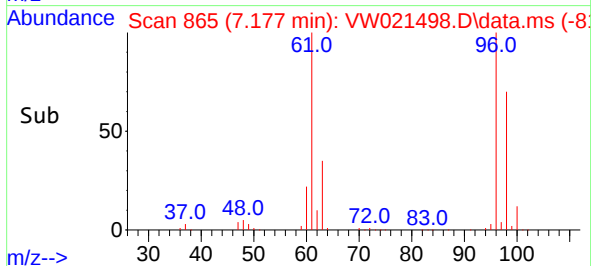


#22
2-Butanone
Concen: 67.640 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

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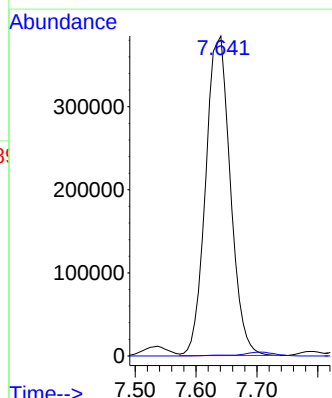
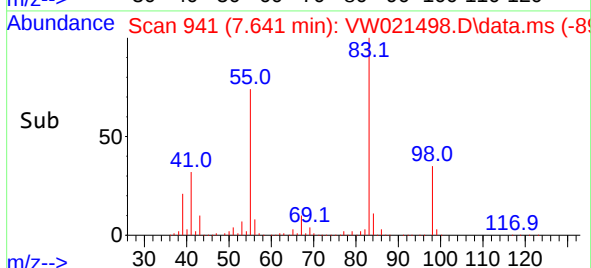
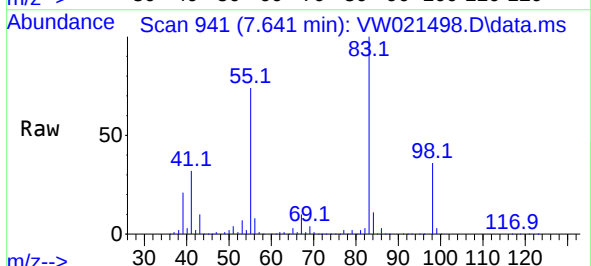


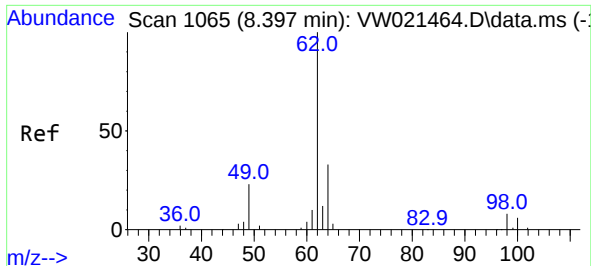
Tgt Ion: 43 Resp: 16363
Ion Ratio Lower Upper
43 100
72 517.6 11.8 35.4#



#25
Chloroform
Concen: 550.407 ug/L
RT: 7.641 min Scan# 941
Delta R.T. -0.037 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 83 Resp: 1083085
Ion Ratio Lower Upper
83 100
85 0.3 45.1 83.7#





#27

1,2-Dichloroethane

Concen: 111.896 ug/L

RT: 8.403 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

Instrument :

MSVOA_W

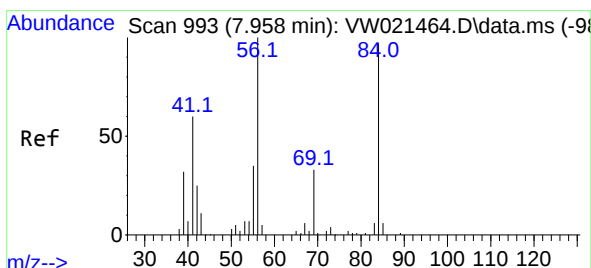
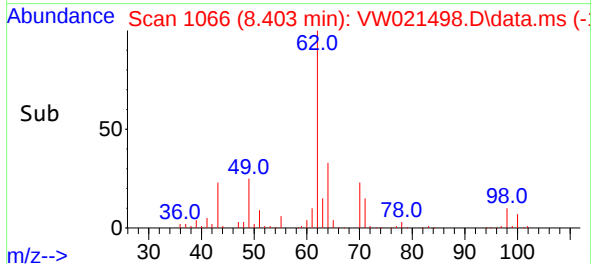
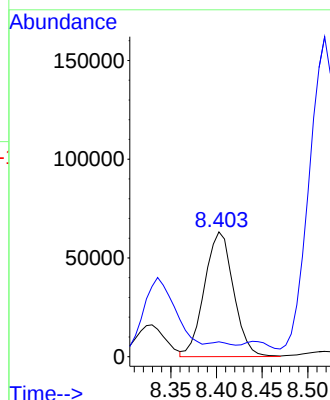
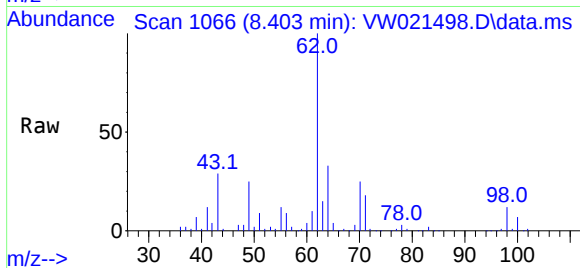
ClientSampleId :

Tgt Ion: 62 Resp: 139437

Ion Ratio Lower Upper

62 100

98 11.9 6.5 9.7#



#29

Cyclohexane

Concen: 346.299 ug/L

RT: 7.933 min Scan# 989

Delta R.T. -0.018 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

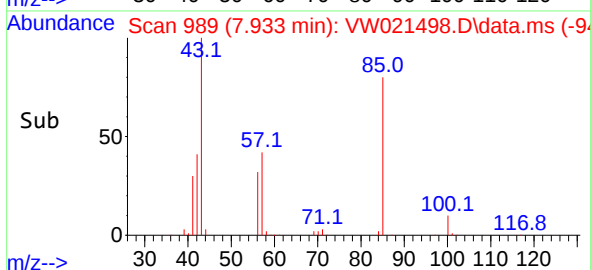
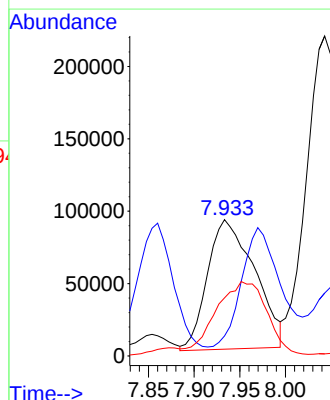
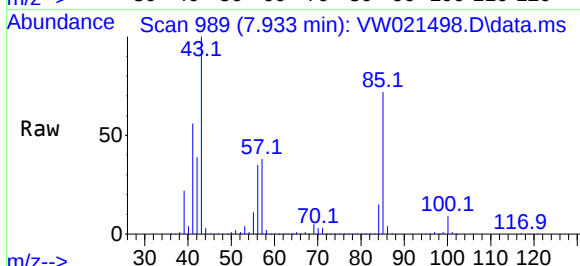
Tgt Ion: 56 Resp: 321961

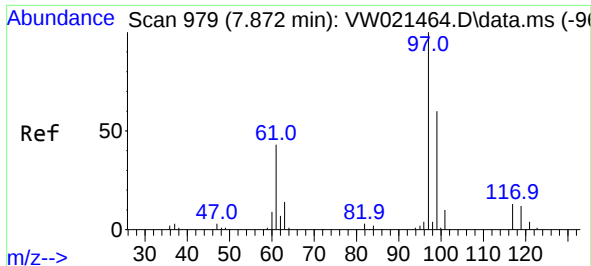
Ion Ratio Lower Upper

56 100

69 83.3 23.5 35.3#

84 62.0 63.4 95.2#

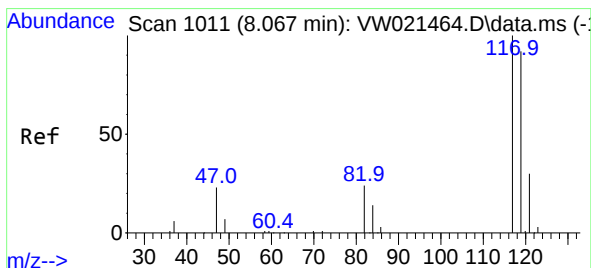
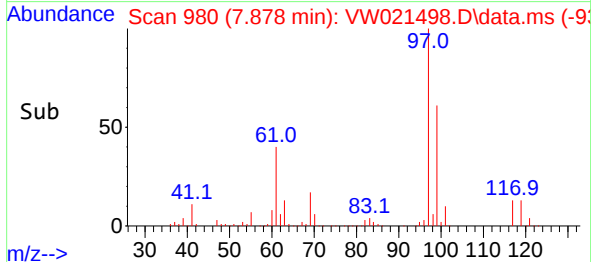
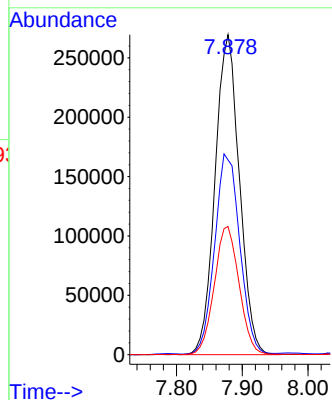
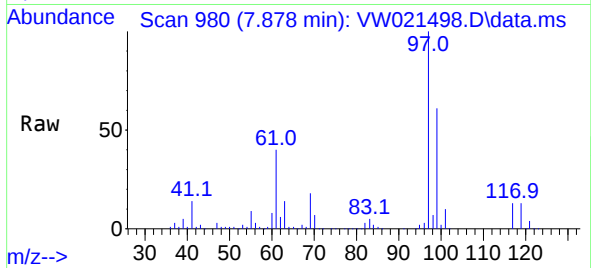




#30
1,1,1-Trichloroethane
Concen: 662.903 ug/L
RT: 7.878 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

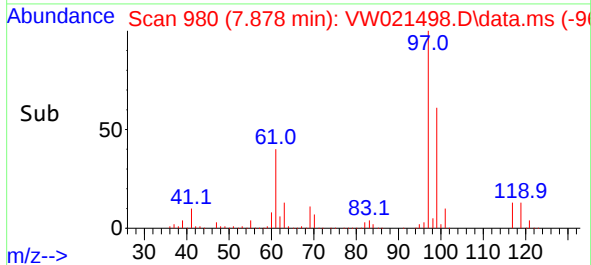
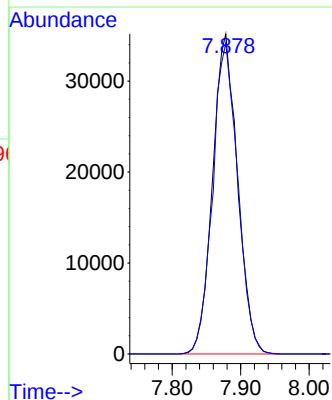
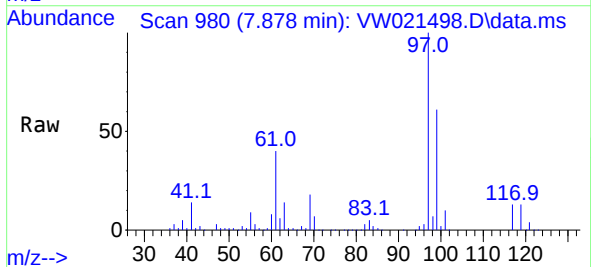
Instrument :
MSVOA_W
ClientSampleId :

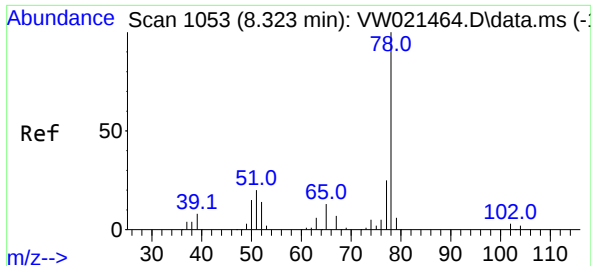
Tgt Ion: 97 Resp: 694748
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 40.7 40.9 61.3#



#31
Carbon tetrachloride
Concen: 91.772 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.189 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 117 Resp: 88725
Ion Ratio Lower Upper
117 100
119 98.0 75.7 113.5

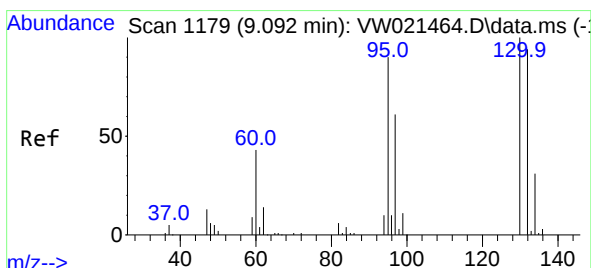
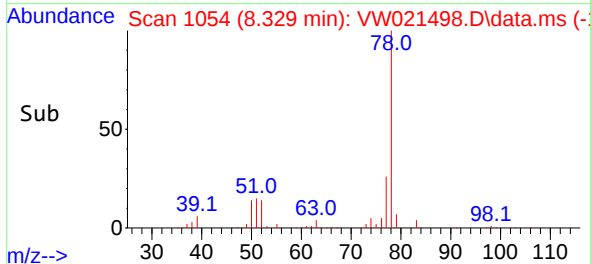
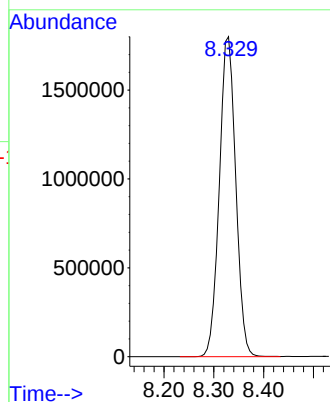
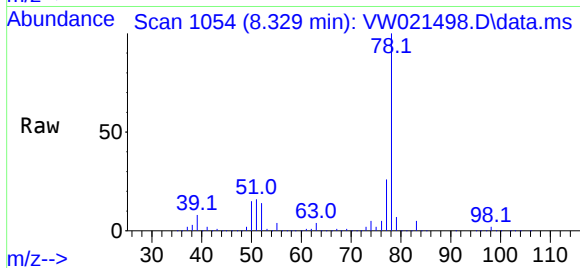




#33
Benzene
Concen: 1617.271 ug/L
RT: 8.329 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

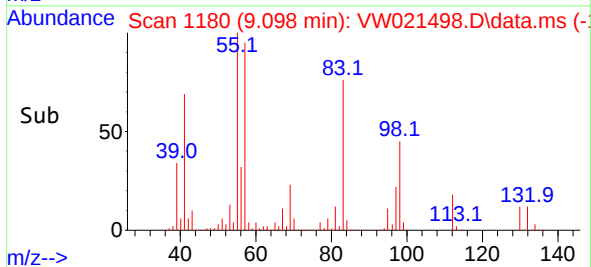
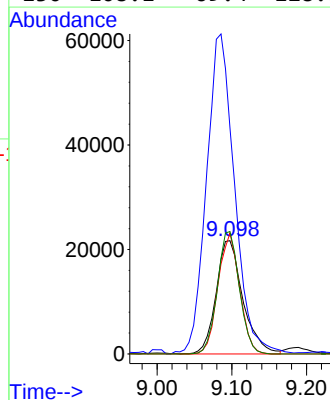
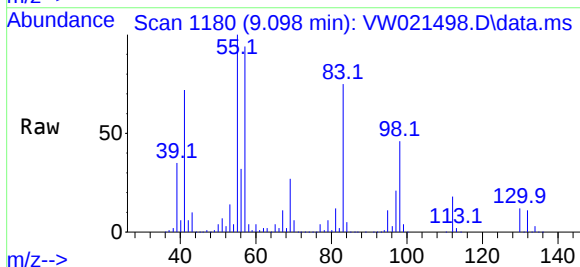
Instrument :
MSVOA_W
ClientSampleId :

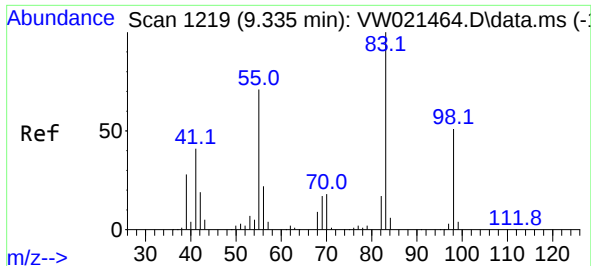
Tgt Ion: 78 Resp: 4115213



#34
Trichloroethene
Concen: 75.870 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 95 Resp: 54193
Ion Ratio Lower Upper
95 100
97 199.8 47.0 87.2#
132 106.6 65.5 121.6
130 108.1 69.4 128.8

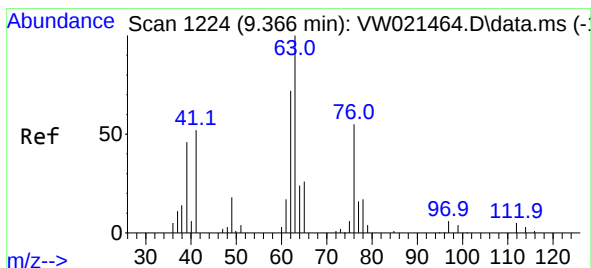
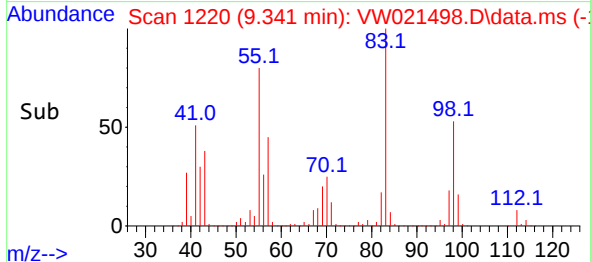
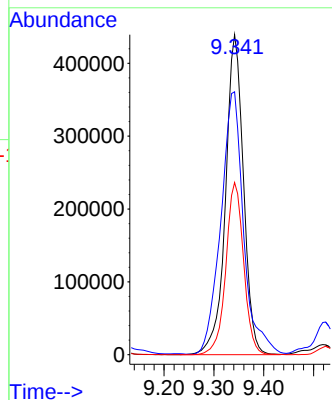
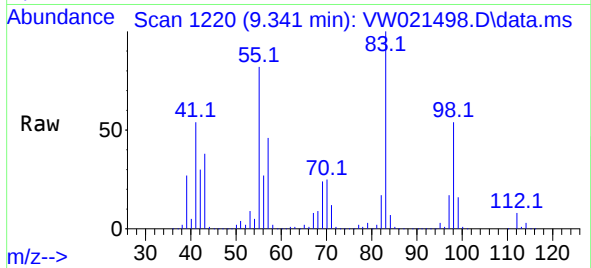




#35
Methylcyclohexane
Concen: 933.119 ug/L
RT: 9.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

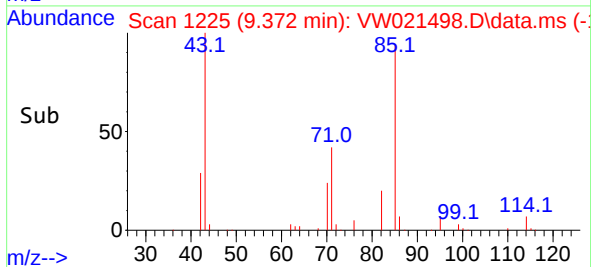
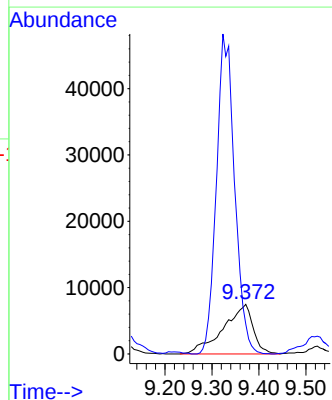
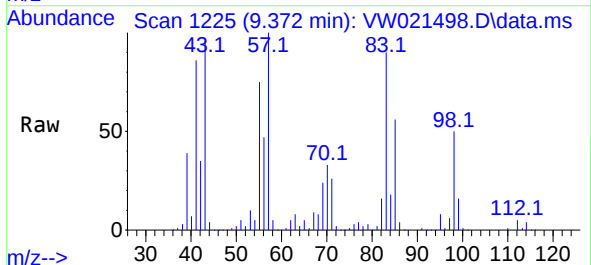
Instrument :
MSVOA_W
ClientSampleId :

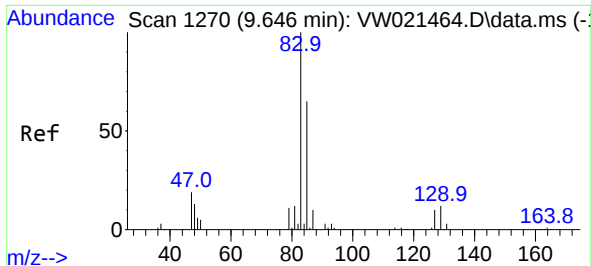
Tgt Ion: 83 Resp: 1099467
Ion Ratio Lower Upper
83 100
55 103.9 70.8 106.2
98 53.2 37.7 56.5



#37
1,2-Dichloropropane
Concen: 58.255 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 63 Resp: 33064
Ion Ratio Lower Upper
63 100
112 394.0 3.2 4.8#

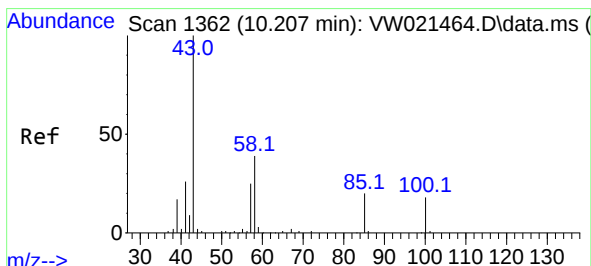
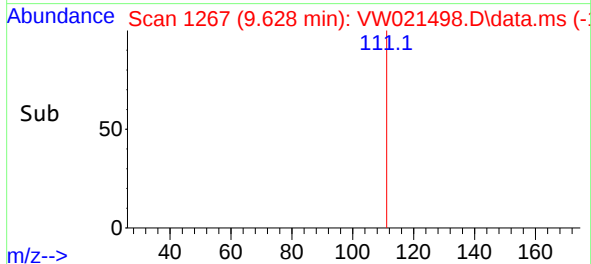
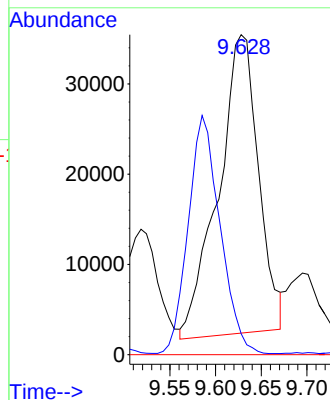
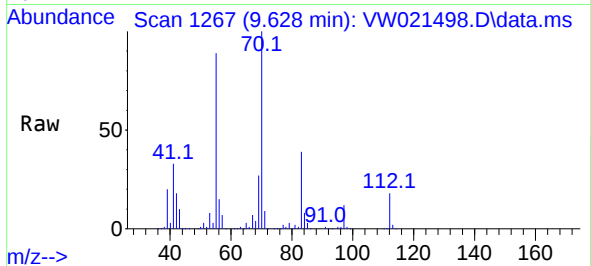




#38
Bromodichloromethane
Concen: 129.733 ug/L
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

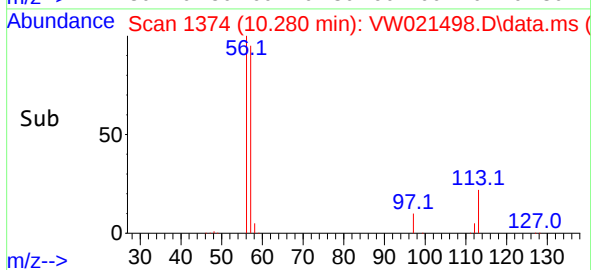
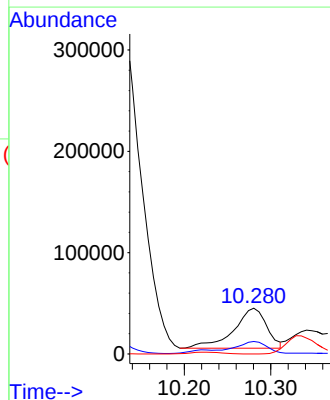
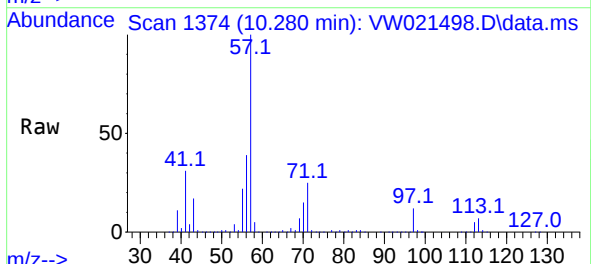
Instrument :
MSVOA_W
ClientSampleId :

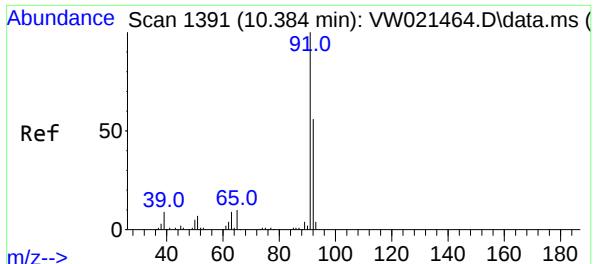
Tgt Ion: 83 Resp: 101241
Ion Ratio Lower Upper
83 100
85 6.5 44.1 81.9#
127 0.0 6.1 9.1#



#40
4-Methyl-2-pentanone
Concen: 339.279 ug/L
RT: 10.280 min Scan# 1374
Delta R.T. 0.073 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 43 Resp: 104925
Ion Ratio Lower Upper
43 100
58 25.6 28.8 43.2#
100 0.0 10.0 15.0#

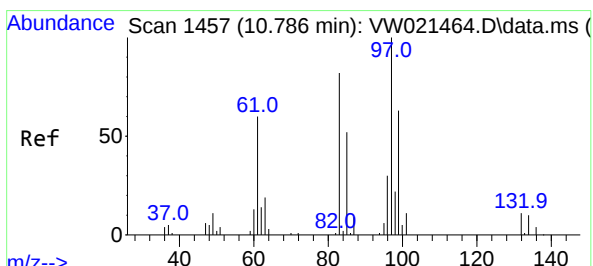
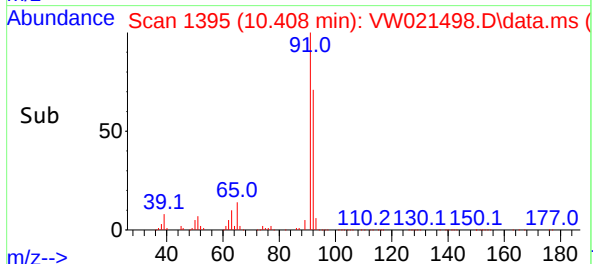
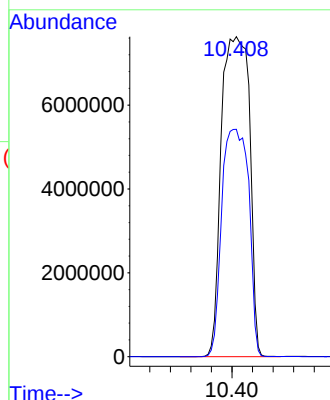
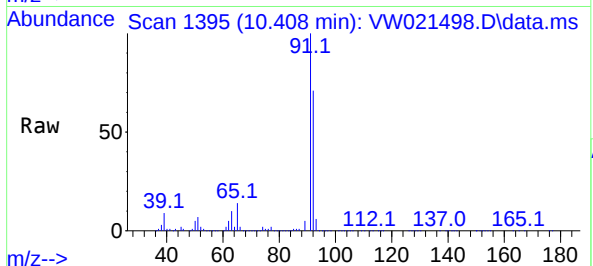




#42
Toluene
Concen: 9737.847 ug/L
RT: 10.408 min Scan# 11
Delta R.T. 0.024 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

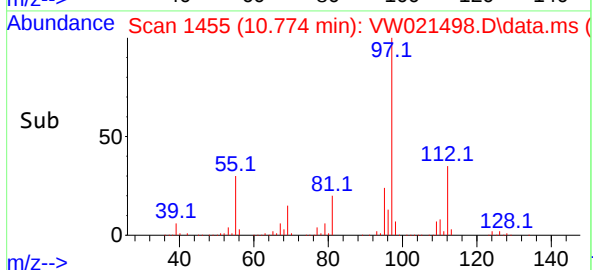
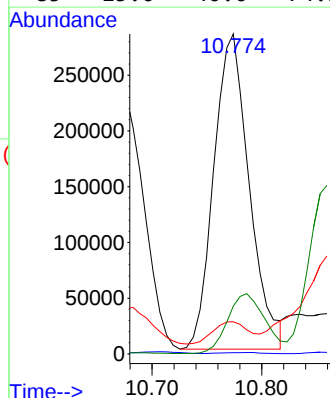
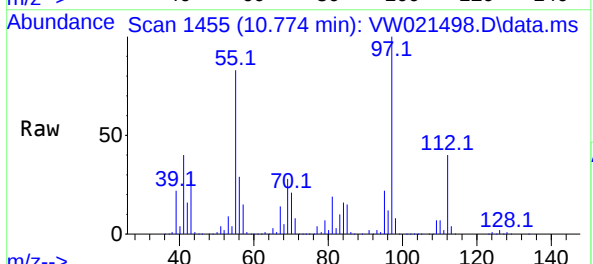
Instrument :
MSVOA_W
ClientSampleId :

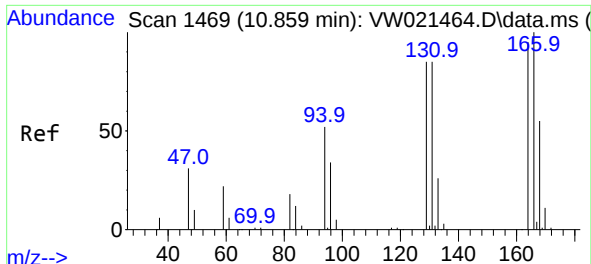
Tgt Ion: 91 Resp:28979473
Ion Ratio Lower Upper
91 100
92 71.1 41.7 77.5



#45
1,1,2-Trichloroethane
Concen: 1367.809 ug/L
RT: 10.774 min Scan# 1455
Delta R.T. -0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

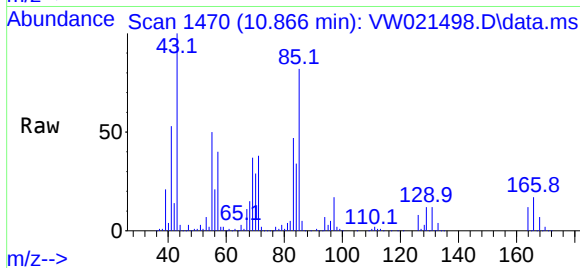
Tgt Ion: 97 Resp: 635414
Ion Ratio Lower Upper
97 100
99 0.4 43.0 79.8#
83 10.1 62.6 116.3#
85 15.0 40.0 74.2#



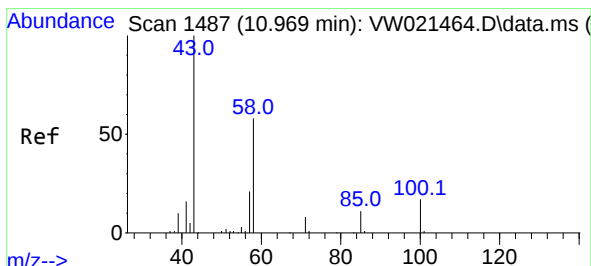
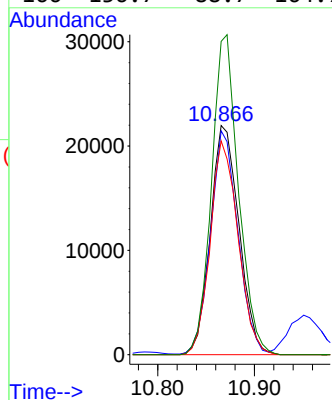
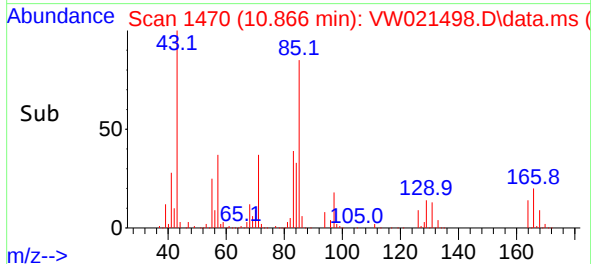


#46
Tetrachloroethene
Concen: 66.735 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

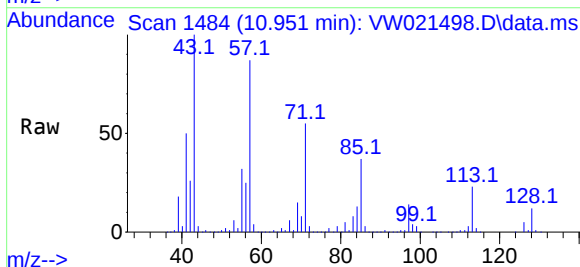
Instrument :
MSVOA_W
ClientSampleId :



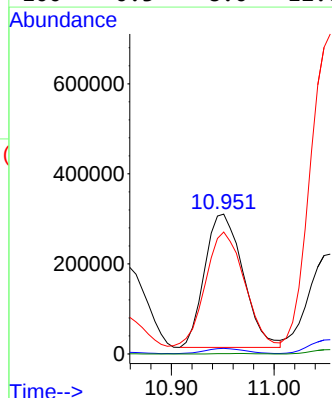
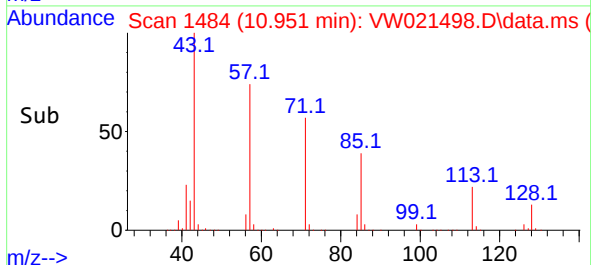
Tgt Ion:164 Resp: 45283
Ion Ratio Lower Upper
164 100
129 97.7 65.5 121.7
131 93.3 59.7 110.9
166 136.7 88.7 164.7

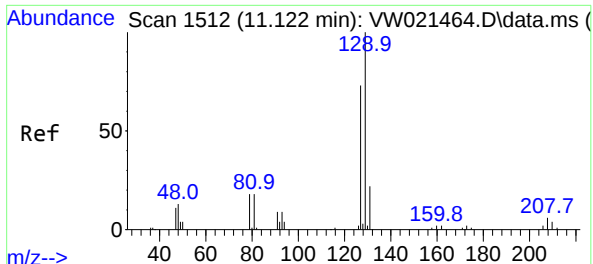


#48
2-Hexanone
Concen: 3437.279 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13



Tgt Ion: 43 Resp: 770878
Ion Ratio Lower Upper
43 100
58 4.0 40.2 60.2#
57 86.2 14.3 21.5#
100 0.3 8.0 12.0#





#49

Dibromochloromethane

Concen: 16.211 ug/L

RT: 10.951 min Scan# 14

Delta R.T. -0.177 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

Instrument :

MSVOA_W

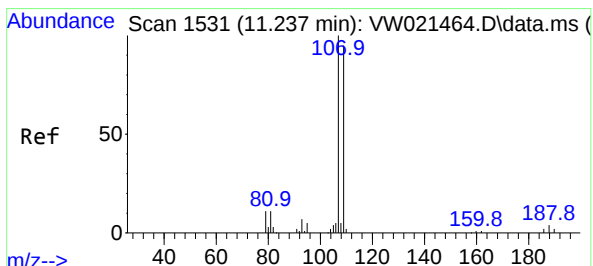
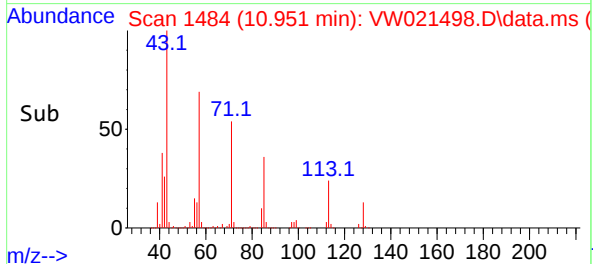
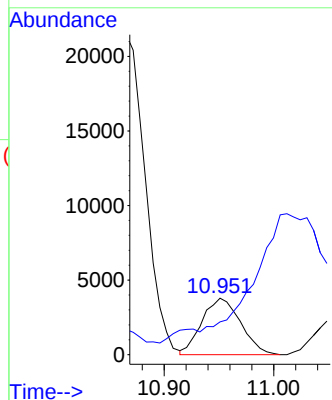
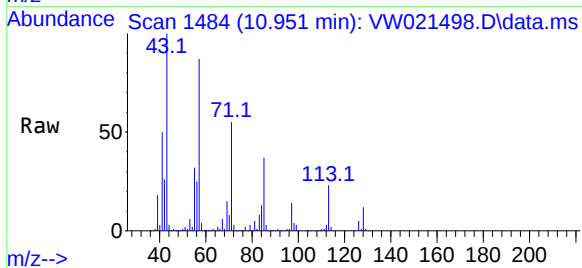
ClientSampleId :

Tgt Ion:129 Resp: 9284

Ion Ratio Lower Upper

129 100

127 58.0 55.7 103.5



#50

1,2-Dibromoethane

Concen: 5.890 ug/L

RT: 11.213 min Scan# 1527

Delta R.T. -0.018 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

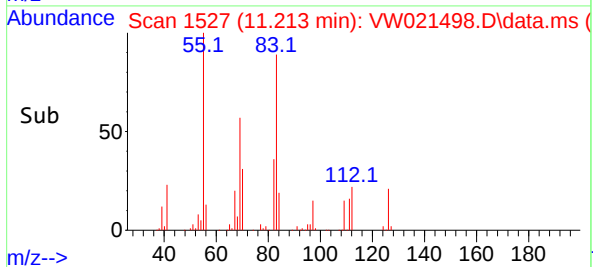
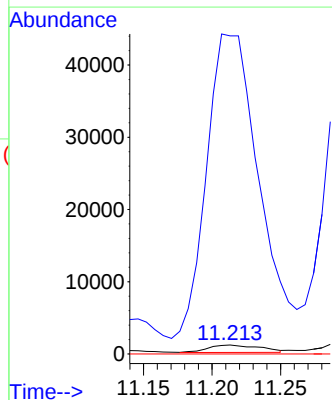
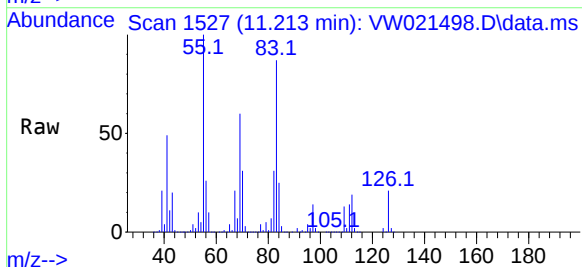
Tgt Ion:107 Resp: 2723

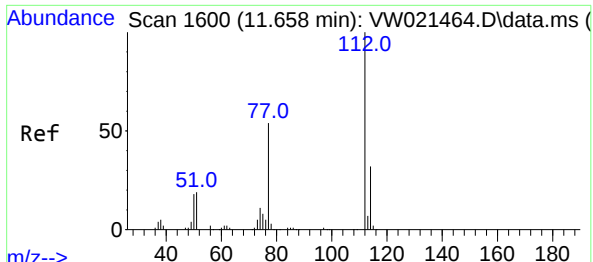
Ion Ratio Lower Upper

107 100

109 3545.2 64.1 119.1#

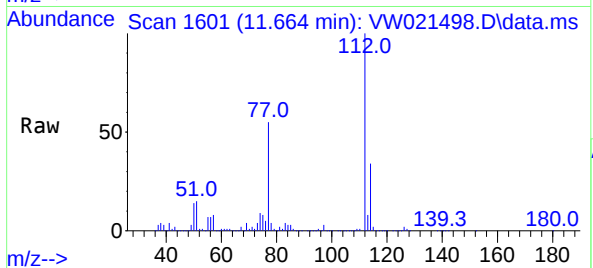
188 0.0 2.6 3.8#



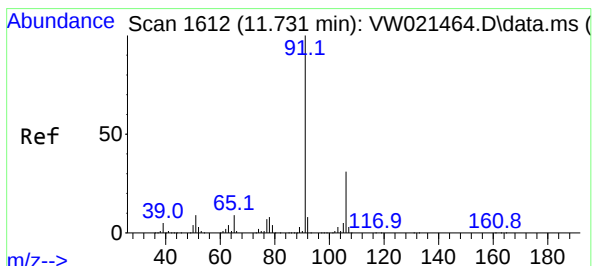
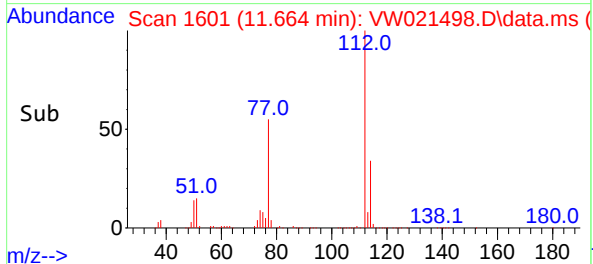
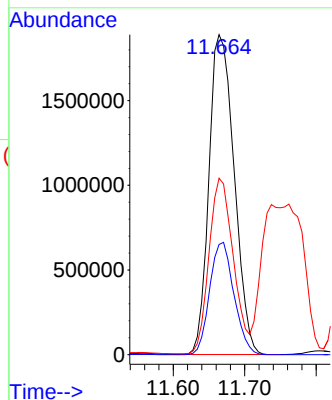


#51
Chlorobenzene
Concen: 2326.114 ug/L
RT: 11.664 min Scan# 1601
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Instrument :
MSVOA_W
ClientSampleId :

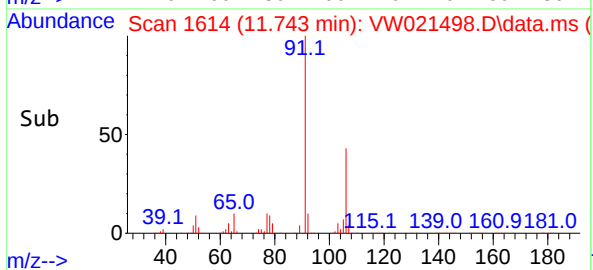
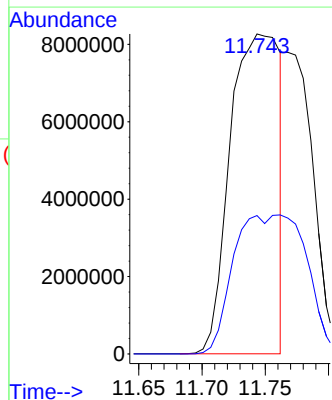
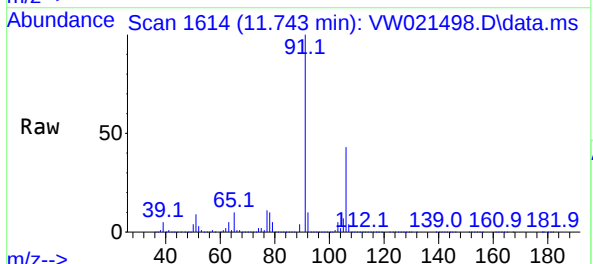


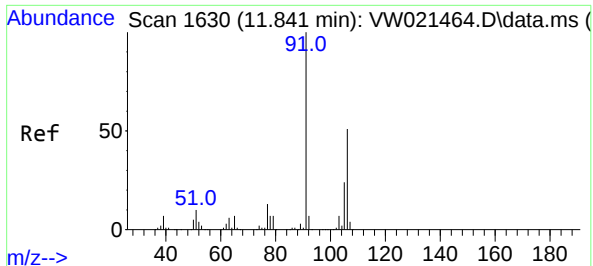
Tgt Ion:112 Resp: 4634581
Ion Ratio Lower Upper
112 100
114 34.5 22.4 41.6
77 55.1 50.2 75.4



#52
Ethylbenzene
Concen: 6611.359 ug/L
RT: 11.743 min Scan# 1614
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 91 Resp:22483754
Ion Ratio Lower Upper
91 100
106 43.3 21.5 39.9#

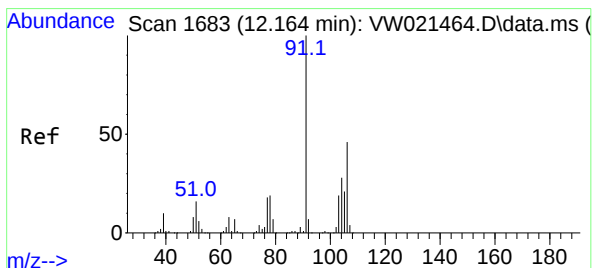
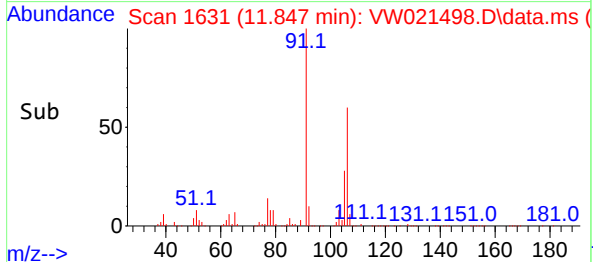
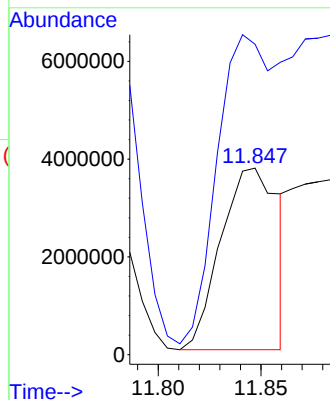
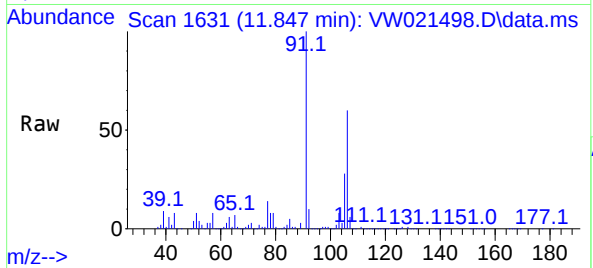




#53
m,p-Xylene
Concen: 5268.798 ug/L
RT: 11.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

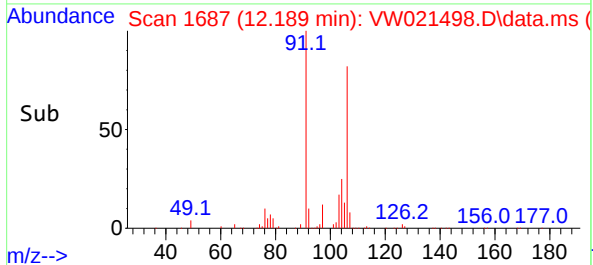
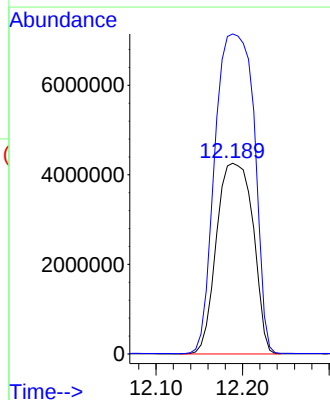
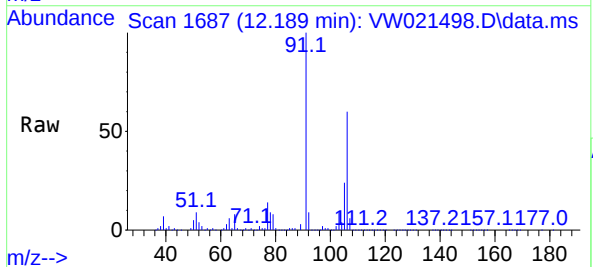
Instrument :
MSVOA_W
ClientSampleId :

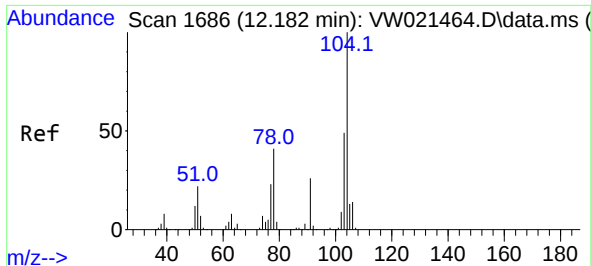
Tgt Ion:106 Resp: 7228297
Ion Ratio Lower Upper
106 100
91 166.3 149.9 278.3



#54
o-Xylene
Concen: 9562.463 ug/L
RT: 12.189 min Scan# 1687
Delta R.T. 0.024 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion:106 Resp:12450286
Ion Ratio Lower Upper
106 100
91 167.8 153.6 285.3

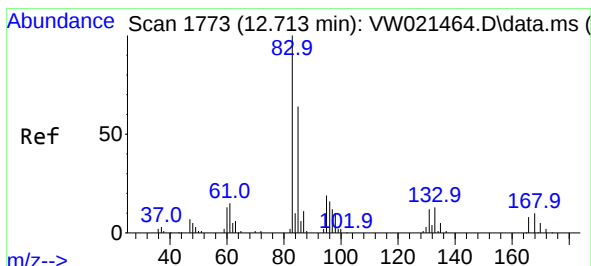
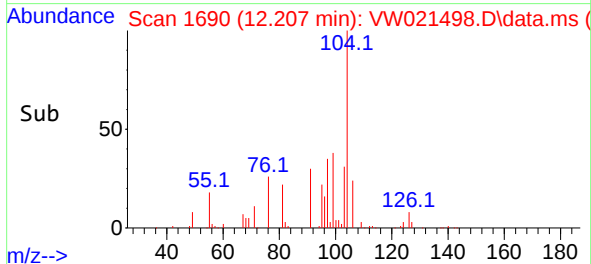
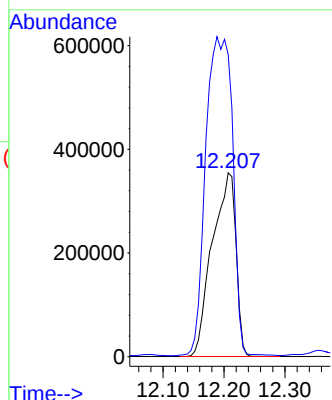
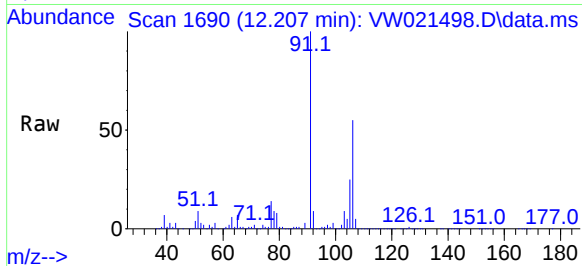




#55
Styrene
Concen: 431.672 ug/L
RT: 12.207 min Scan# 1
Delta R.T. 0.030 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

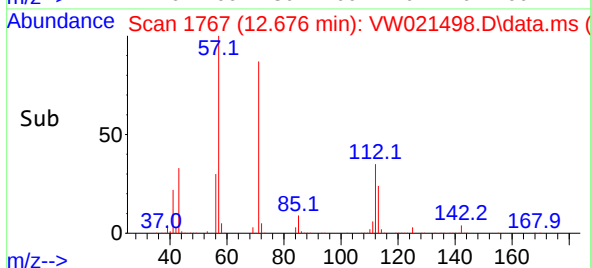
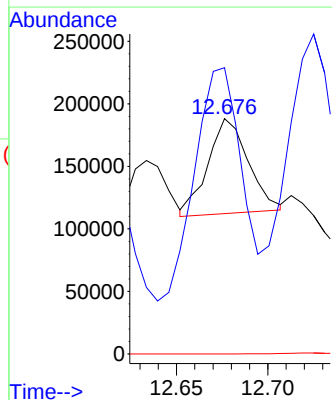
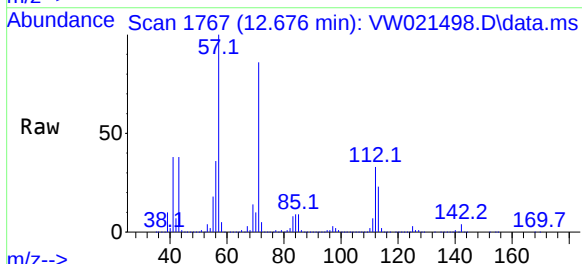
Instrument :
MSVOA_W
ClientSampleId :

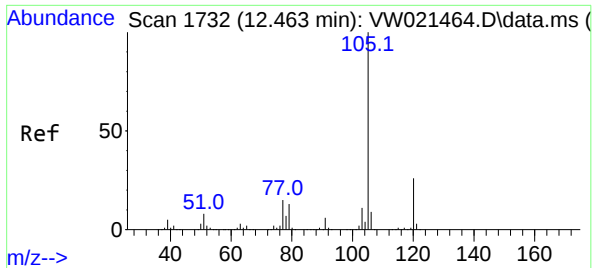
Tgt Ion:104 Resp: 956536
Ion Ratio Lower Upper
104 100
78 164.3 34.4 64.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 220.296 ug/L
RT: 12.676 min Scan# 1767
Delta R.T. -0.037 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

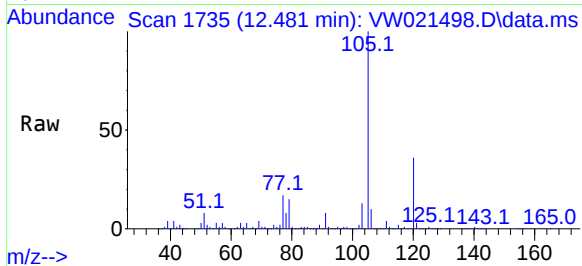
Tgt Ion: 83 Resp: 117314
Ion Ratio Lower Upper
83 100
85 121.7 44.0 81.6#
131 0.0 6.9 10.3#



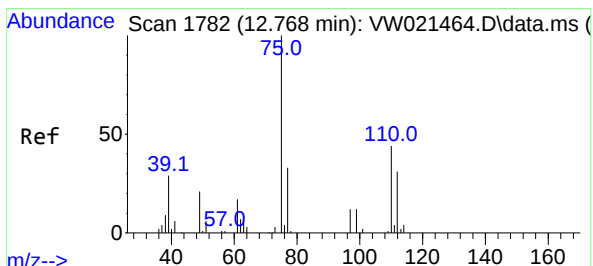
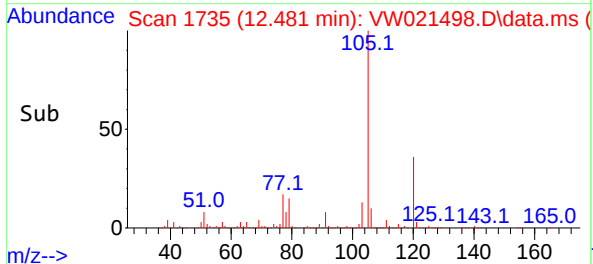
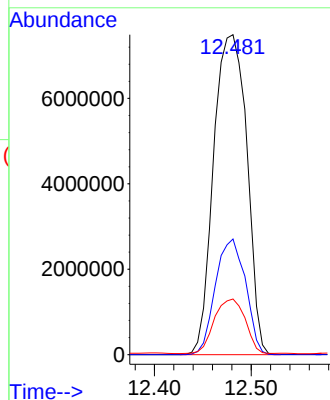


#60
Isopropylbenzene
Concen: 868.840 ug/L
RT: 12.481 min Scan# 1735
Delta R.T. 0.018 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Instrument :
MSVOA_W
ClientSampleId :

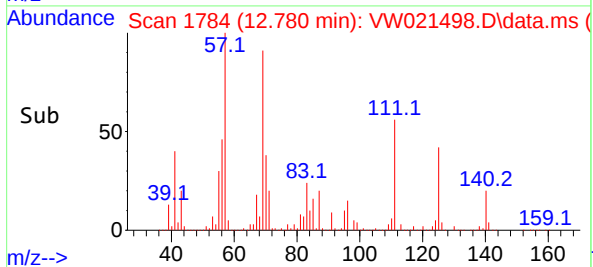
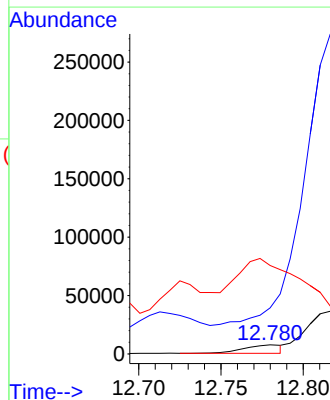
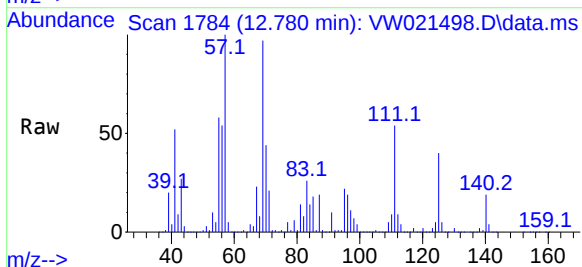


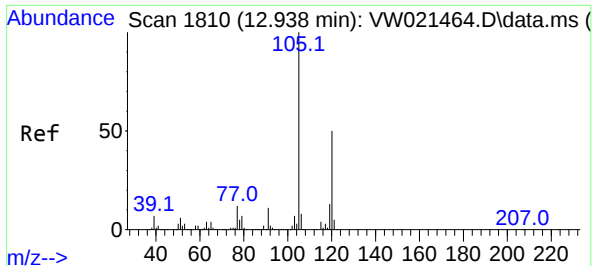
Tgt Ion:105 Resp:17865516
Ion Ratio Lower Upper
105 100
120 32.8 20.1 30.1#
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.238 ug/L
RT: 12.780 min Scan# 1784
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion: 75 Resp: 11537
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 1793.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 339.471 ug/L

RT: 12.963 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

Instrument :

MSVOA_W

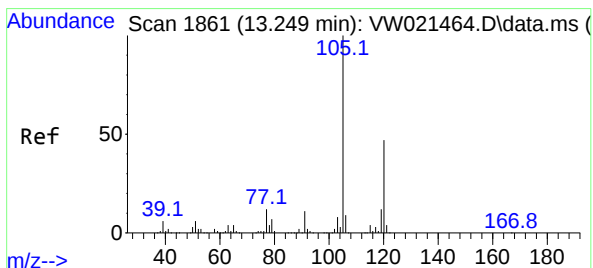
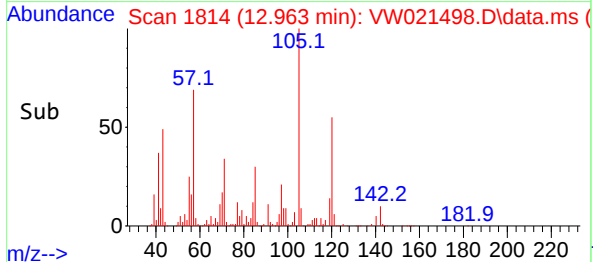
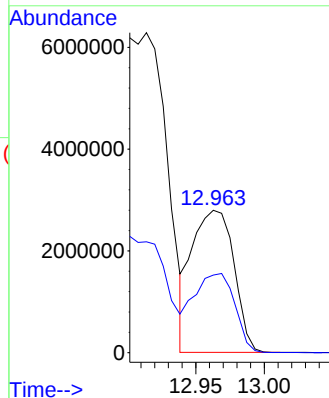
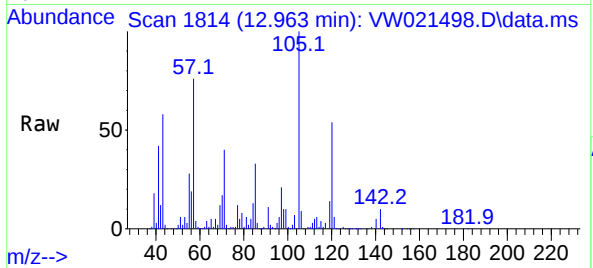
ClientSampleId :

Tgt Ion:105 Resp: 5939937

Ion Ratio Lower Upper

105 100

120 55.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 591.907 ug/L

RT: 13.597 min Scan# 1918

Delta R.T. 0.347 min

Lab File: VW021498.D

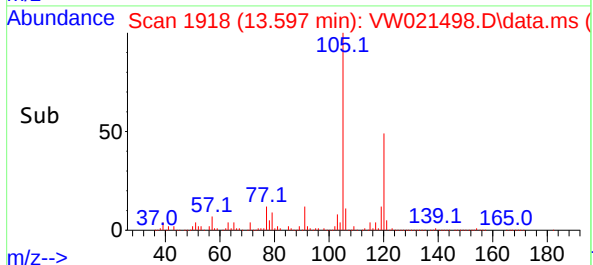
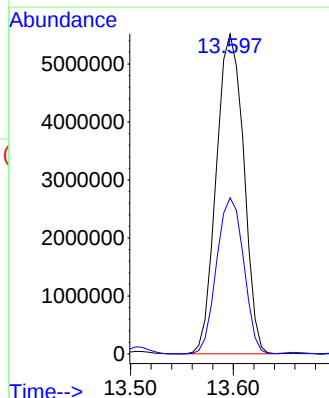
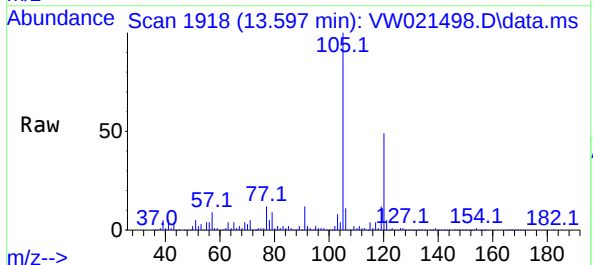
Acq: 20 Dec 2021 15:13

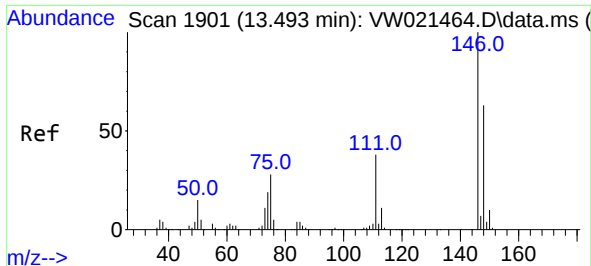
Tgt Ion:105 Resp:10216839

Ion Ratio Lower Upper

105 100

120 48.3 35.0 52.6

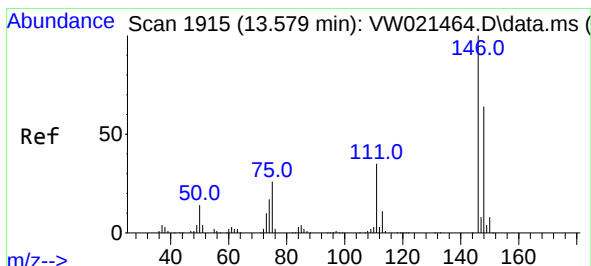
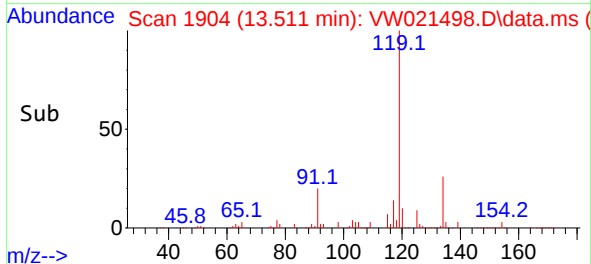
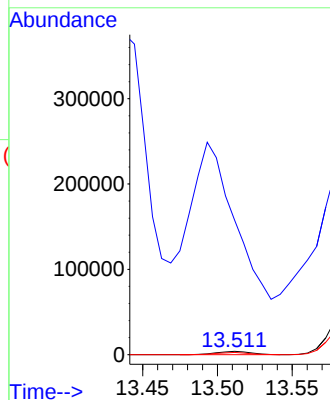
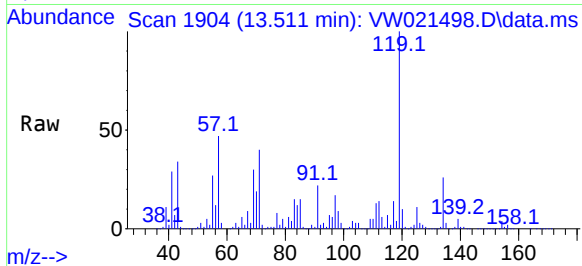




#64
1,3-Dichlorobenzene
Concen: 0.636 ug/L
RT: 13.511 min Scan# 1904
Delta R.T. 0.018 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

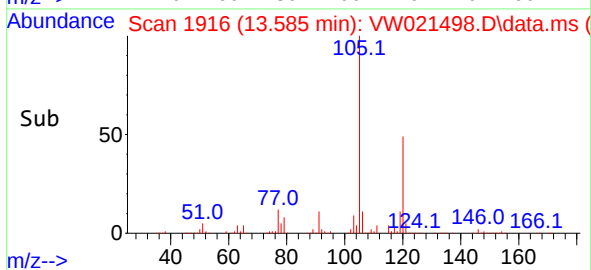
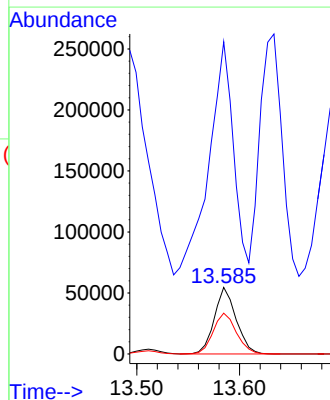
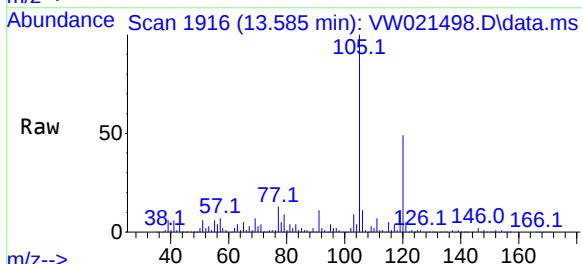
Instrument :
MSVOA_W
ClientSampleId :

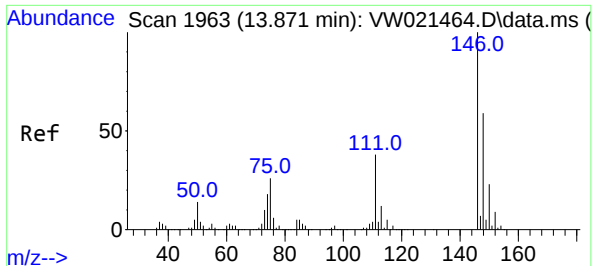
Tgt Ion:146 Resp: 6173
Ion Ratio Lower Upper
146 100
111 4058.7 29.8 55.3#
148 66.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 8.317 ug/L
RT: 13.585 min Scan# 1916
Delta R.T. 0.012 min
Lab File: VW021498.D
Acq: 20 Dec 2021 15:13

Tgt Ion:146 Resp: 80140
Ion Ratio Lower Upper
146 100
111 469.3 29.0 53.9#
148 61.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 185.206 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

Instrument :

MSVOA_W

ClientSampleId :

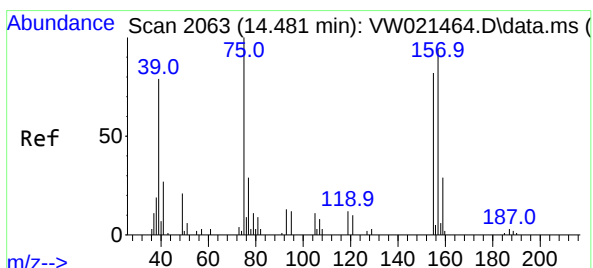
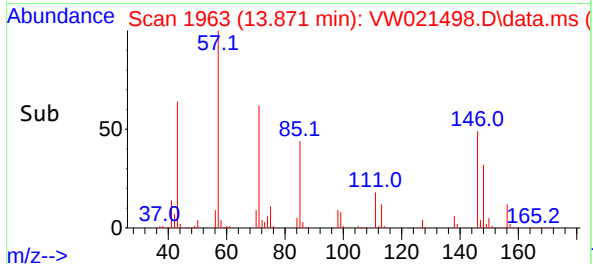
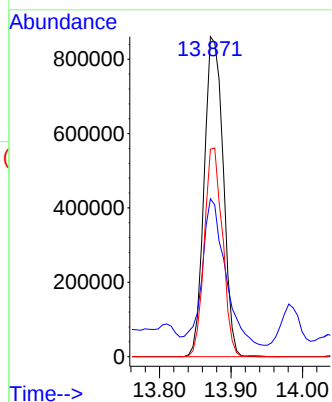
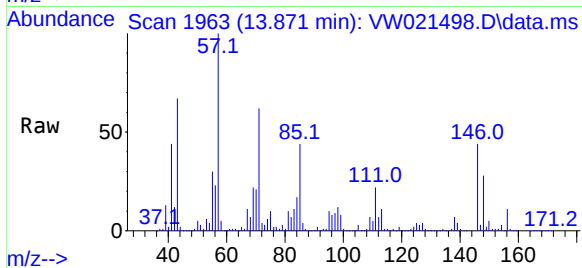
Tgt Ion:146 Resp: 1581438

Ion Ratio Lower Upper

146 100

111 49.3 33.1 49.7

148 64.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 111.236 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

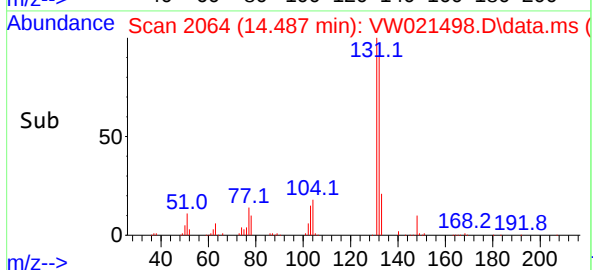
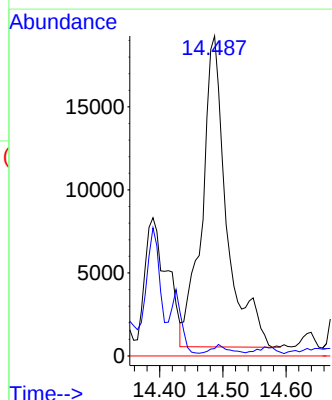
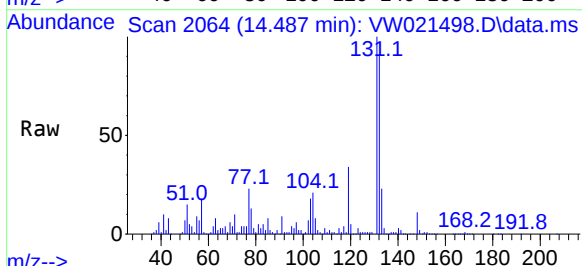
Tgt Ion: 75 Resp: 50532

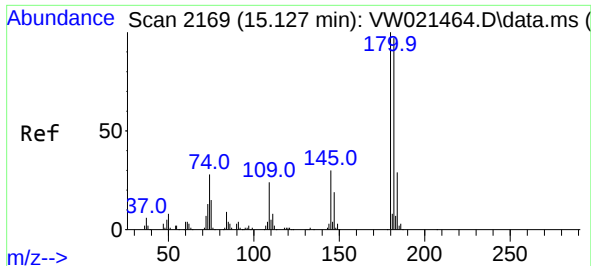
Ion Ratio Lower Upper

75 100

155 2.3 54.2 81.2#

157 0.0 69.4 104.2#





#70

1,2,4-trichlorobenzene

Concen: 9.339 ug/L

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

Instrument :

MSVOA_W

ClientSampleId :

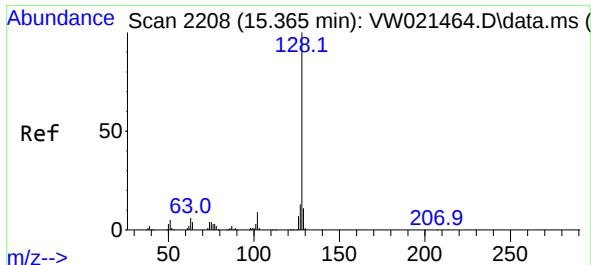
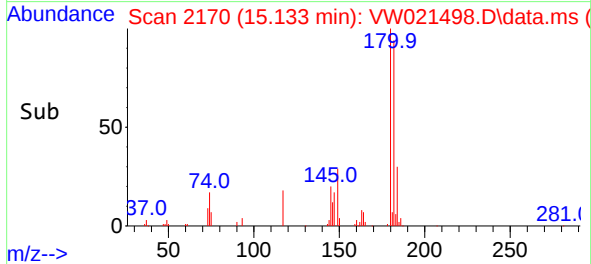
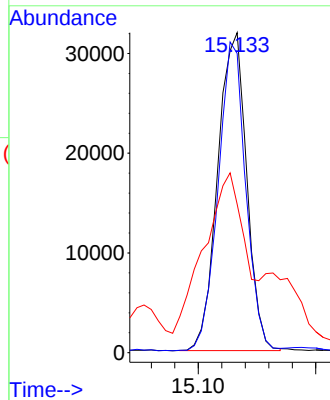
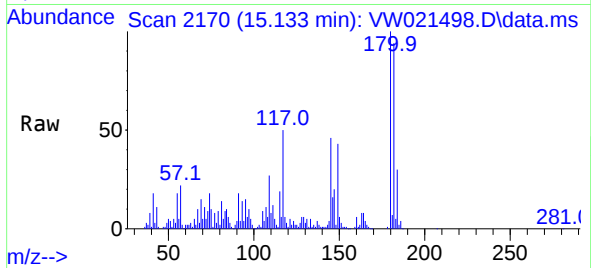
Tgt Ion:180 Resp: 54452

Ion Ratio Lower Upper

180 100

182 93.7 79.0 118.6

145 70.9 26.0 39.0#



#71

Naphthalene

Concen: 1588.434 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021498.D

Acq: 20 Dec 2021 15:13

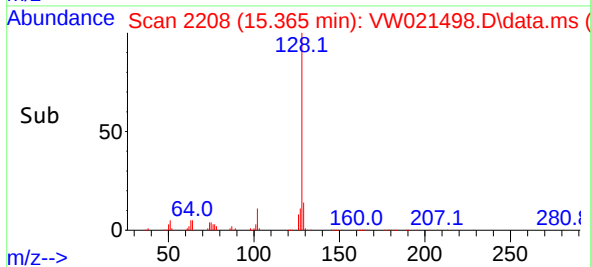
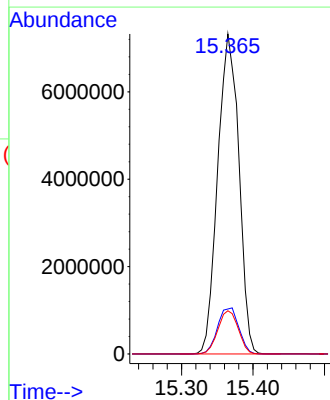
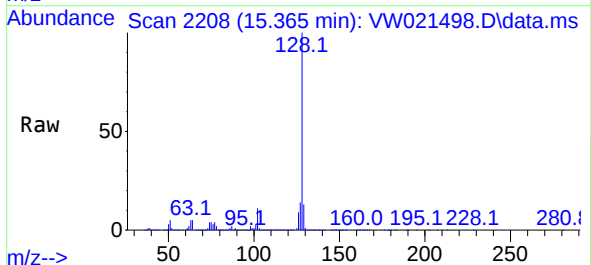
Tgt Ion:128 Resp:15046923

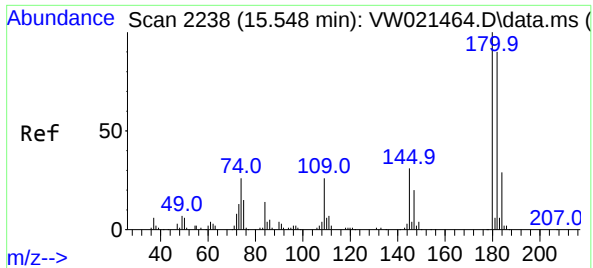
Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

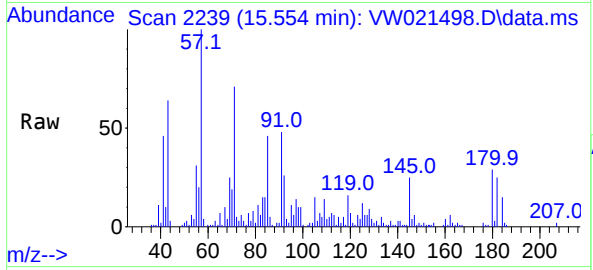
129 13.0 8.6 12.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.330 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW021498.D
 Acq: 20 Dec 2021 15:13

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	6408
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	114.8
145	87.6	27.4	41.0#

