

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021244.D
 Acq On : 09 Dec 2021 13:34
 Operator : SY/VA
 Sample : VSTD10035
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	123787	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	118838	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	214948	116.162	ug/L	0.00
7) Chloroethane-d5	2.873	69	138753	112.530	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.013	63	289305	103.948	ug/L	-0.01
21) 2-Butanone-d5	7.080	46	64388	169.807	ug/L	0.00
24) Chloroform-d	7.647	84	347248	111.390	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	183250	109.801	ug/L	0.00
32) Benzene-d6	8.275	84	655363	108.187	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	175780	106.081	ug/L	0.00
41) Toluene-d8	10.323	98	694457	111.932	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	92369	121.142	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	58033	191.345	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	149119	97.362	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	249411	104.794	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	56336	99.871	ug/L	99
3) Chloromethane	2.209	50	148229	107.299	ug/L	98
5) Vinyl chloride	2.361	62	227825	97.744	ug/L	95
6) Bromomethane	2.770	94	139077	88.414	ug/L	100
8) Chloroethane	2.916	64	107001	106.351	ug/L	97
9) Trichlorofluoromethane	3.257	101	120764	104.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	163637	94.869	ug/L	92
12) 1,1-Dichloroethene	4.044	96	153348	96.380	ug/L	70
13) Acetone	4.123	43	48405	141.168	ug/L	97
14) Carbon disulfide	4.379	76	406048	95.998	ug/L	99
15) Methyl Acetate	4.666	43	47847	79.392	ug/L	# 89
16) Methylene chloride	4.916	84	140890	74.598	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	169789	101.636	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	231073	94.164	ug/L	94
19) 1,1-Dichloroethane	6.220	63	266083	101.024	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	185043	105.090	ug/L	76
22) 2-Butanone	7.171	43	76755	161.665	ug/L	85
23) Bromochloromethane	7.519	128	82889	101.024	ug/L	# 69
25) Chloroform	7.677	83	317848	107.752	ug/L	98
27) 1,2-Dichloroethane	8.397	62	204137	105.983	ug/L	99
29) Cyclohexane	7.958	56	257116	101.953	ug/L	# 82
30) 1,1,1-Trichloroethane	7.872	97	288676	106.055	ug/L	95
31) Carbon tetrachloride	8.067	117	275408	110.954	ug/L	98
33) Benzene	8.324	78	673931	102.543	ug/L	100
34) Trichloroethene	9.092	95	187826	103.550	ug/L	94
35) Methylcyclohexane	9.336	83	316980	103.360	ug/L	# 85
37) 1,2-Dichloropropane	9.366	63	152127	103.649	ug/L	# 96
38) Bromodichloromethane	9.646	83	227351	110.177	ug/L	# 97
39) cis-1,3-Dichloropropene	10.073	75	266044	112.173	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	170479	178.071	ug/L	# 91
42) Toluene	10.390	91	809561	107.673	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	244361	115.935	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021244.D
 Acq On : 09 Dec 2021 13:34
 Operator : SY/VA
 Sample : VSTD10035
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

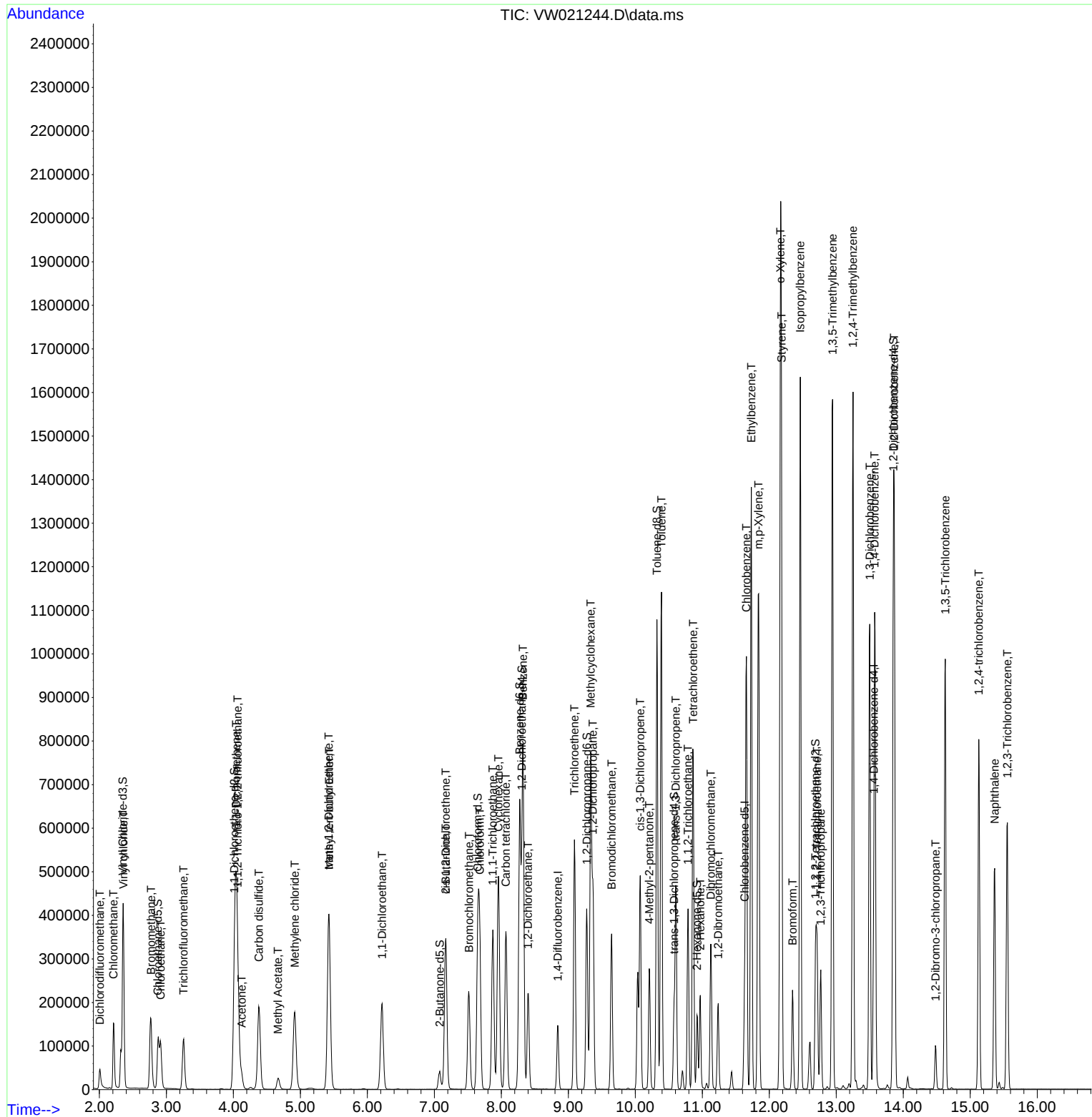
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	125308	100.822	ug/L	94
46) Tetrachloroethene	10.866	164	171384	100.252	ug/L	97
48) 2-Hexanone	10.969	43	129558	187.461	ug/L #	92
49) Dibromochloromethane	11.128	129	168530	110.861	ug/L	98
50) 1,2-Dibromoethane	11.238	107	127746	102.879	ug/L #	93
51) Chlorobenzene	11.658	112	536769	106.121	ug/L	91
52) Ethylbenzene	11.731	91	944039	109.689	ug/L	100
53) m,p-Xylene	11.841	106	381364	107.217	ug/L	90
54) o-Xylene	12.164	106	372078	111.234	ug/L	100
55) Styrene	12.183	104	663194	115.818	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	141258	95.852	ug/L #	99
59) Bromoform	12.347	173	99842	114.183	ug/L	99
60) Isopropylbenzene	12.463	105	1033089	114.907	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	104566	99.998	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	873059	115.379	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	859768	113.285	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	459304	108.855	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	437214	104.482	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	393735	104.877	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23213	103.132	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	297280	95.485	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	263599	107.296	ug/L	96
71) Naphthalene	15.365	128	449243	98.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207793	95.303	ug/L	97

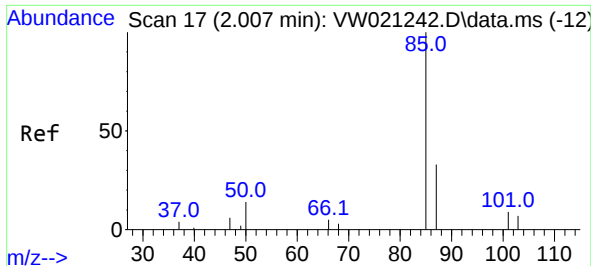
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021244.D
 Acq On : 09 Dec 2021 13:34
 Operator : SY/VA
 Sample : VSTD10035
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

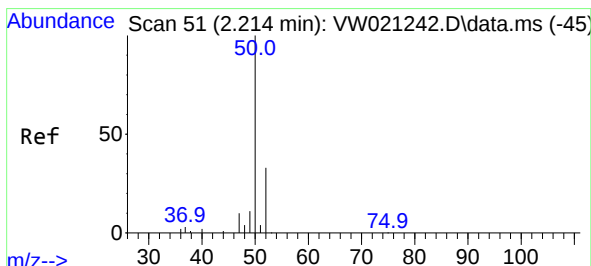
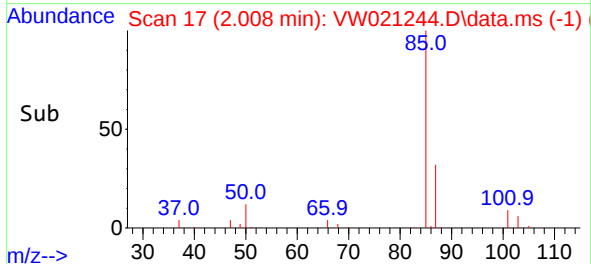
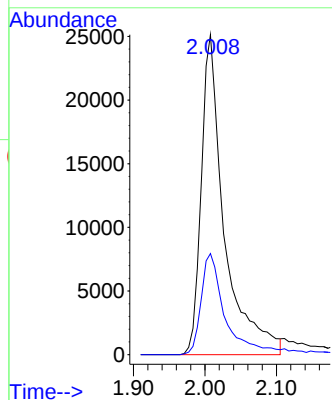
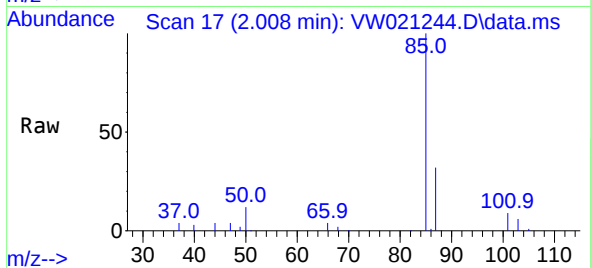




#2
Dichlorodifluoromethane
Concen: 99.871 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

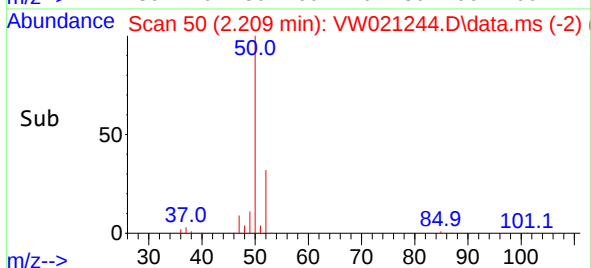
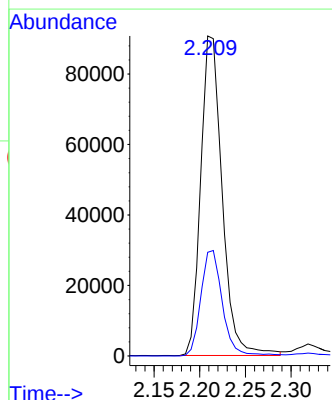
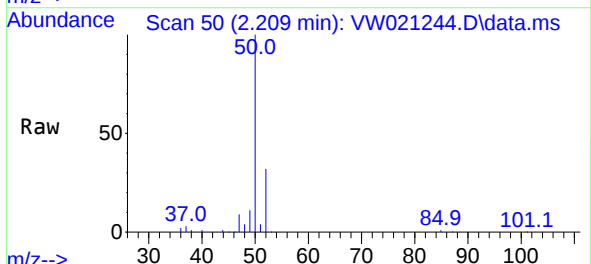
Instrument :
MSVOA_W
ClientSampleId :

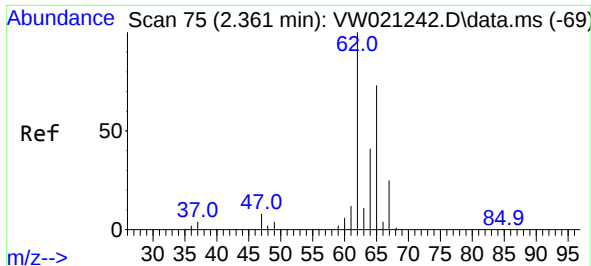
Tgt Ion: 85 Resp: 56336
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#3
Chloromethane
Concen: 107.299 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 50 Resp: 148229
Ion Ratio Lower Upper
50 100
52 32.4 23.4 43.6

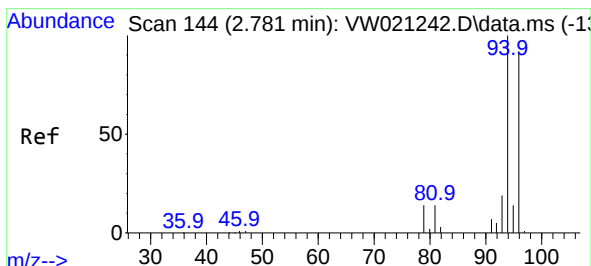
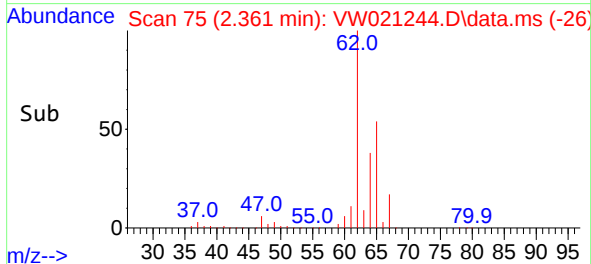
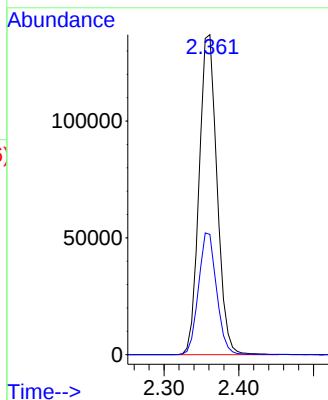
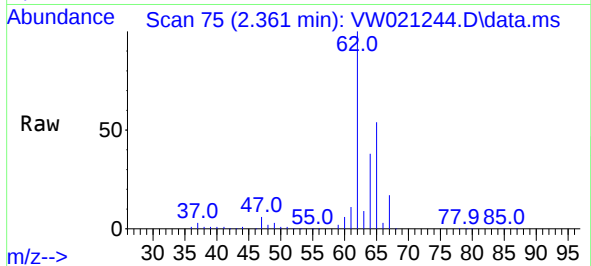




#5
 Vinyl chloride
 Concen: 97.744 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021244.D
 Acq: 09 Dec 2021 13:34

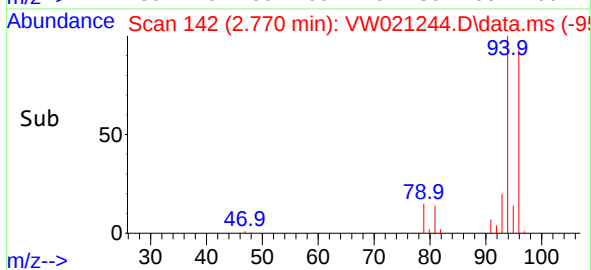
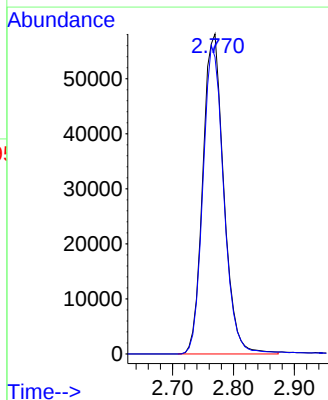
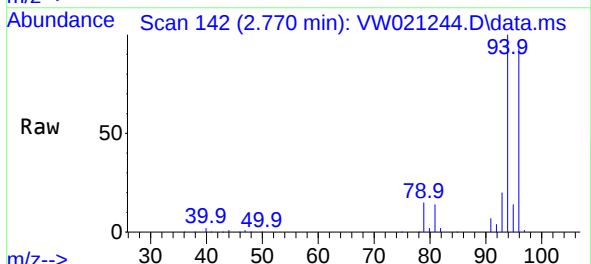
Instrument :
 MSVOA_W
 ClientSampleId :

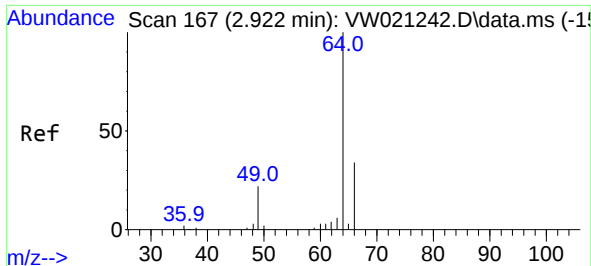
Tgt Ion: 62 Resp: 227825
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.4 45.2



#6
 Bromomethane
 Concen: 88.414 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW021244.D
 Acq: 09 Dec 2021 13:34

Tgt Ion: 94 Resp: 139077
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.8 120.4





#8

Chloroethane

Concen: 106.351 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

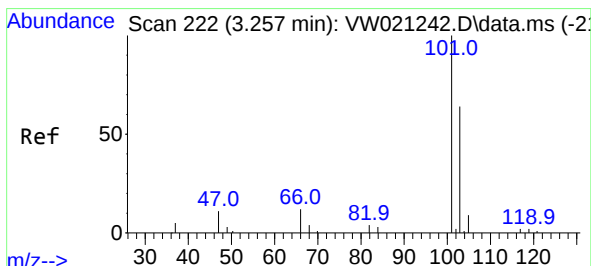
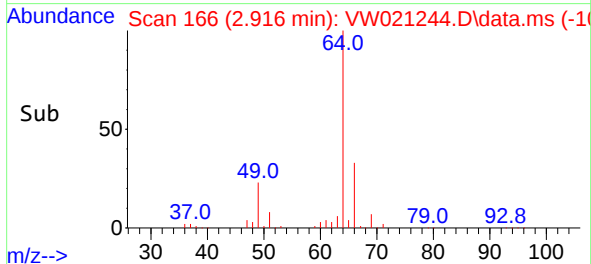
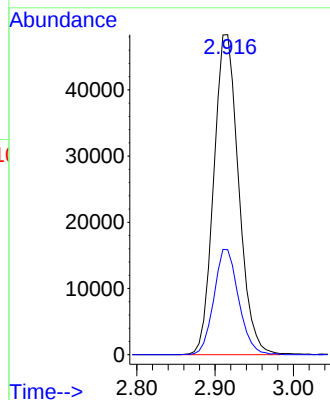
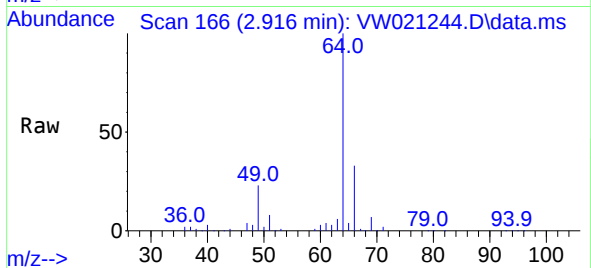
ClientSampleId :

Tgt Ion: 64 Resp: 107001

Ion Ratio Lower Upper

64 100

66 32.8 22.0 40.8



#9

Trichlorofluoromethane

Concen: 104.577 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW021244.D

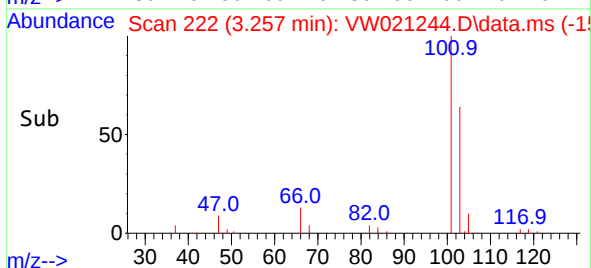
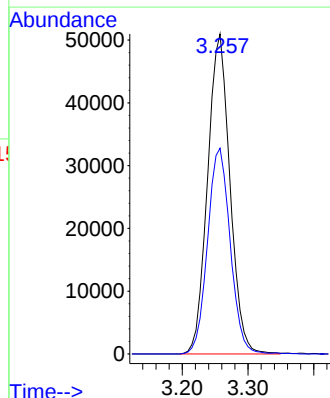
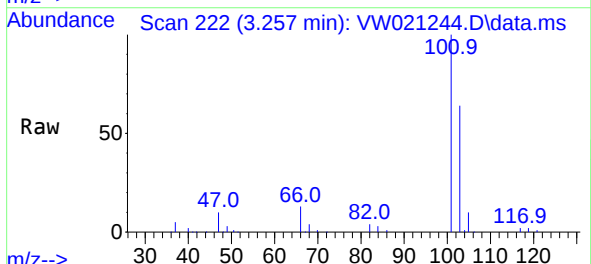
Acq: 09 Dec 2021 13:34

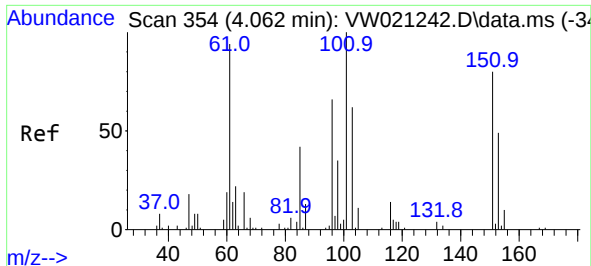
Tgt Ion:101 Resp: 120764

Ion Ratio Lower Upper

101 100

103 64.9 51.4 77.2

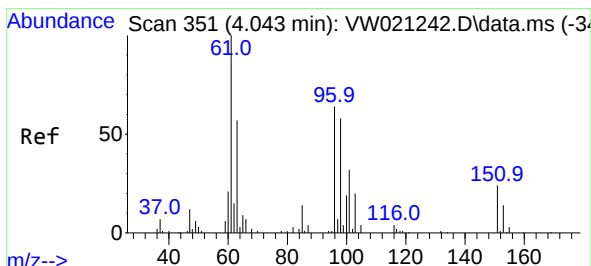
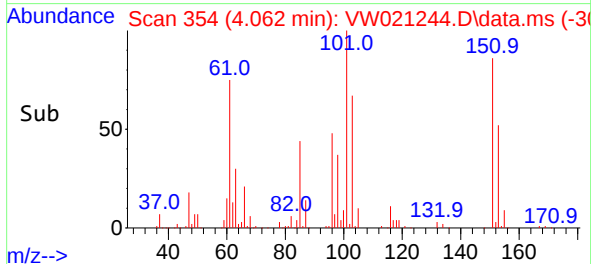
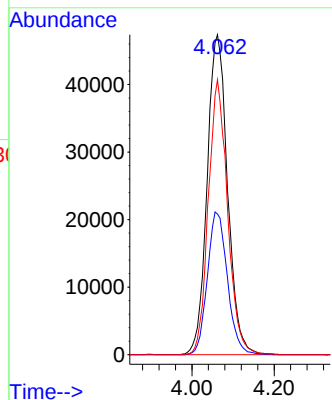
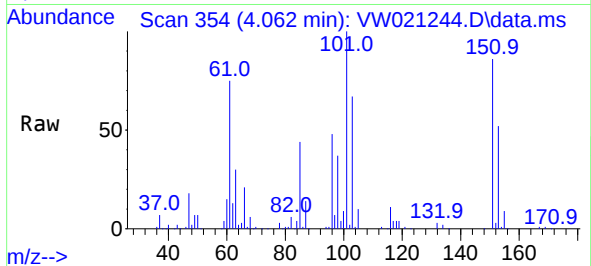




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 94.869 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

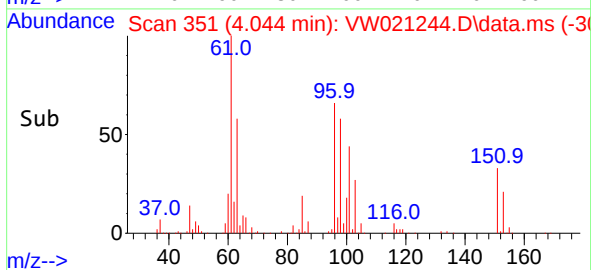
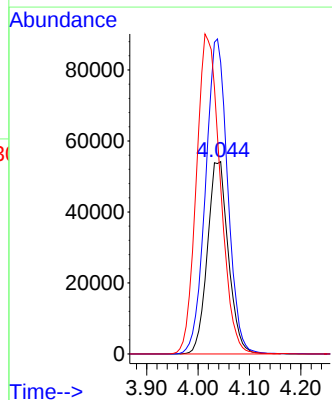
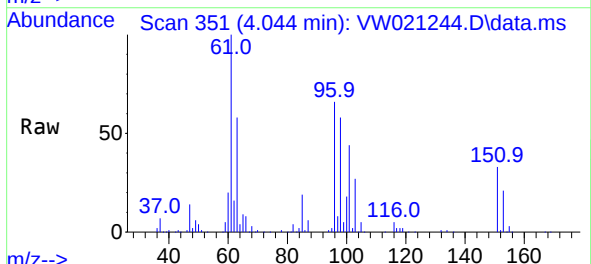
Instrument :
MSVOA_W
ClientSampleId :

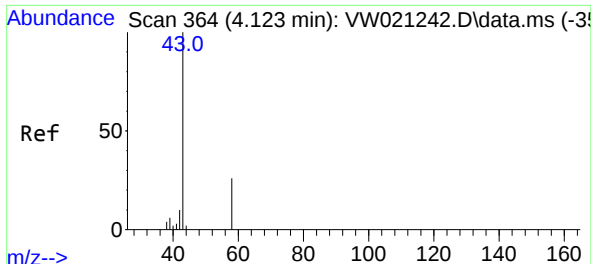
Tgt Ion:101 Resp: 163637
Ion Ratio Lower Upper
101 100
85 43.7 36.6 54.8
151 80.7 57.4 86.0



#12
1,1-Dichloroethene
Concen: 96.380 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 96 Resp: 153348
Ion Ratio Lower Upper
96 100
61 151.6 138.3 256.9
63 87.2 82.6 153.4

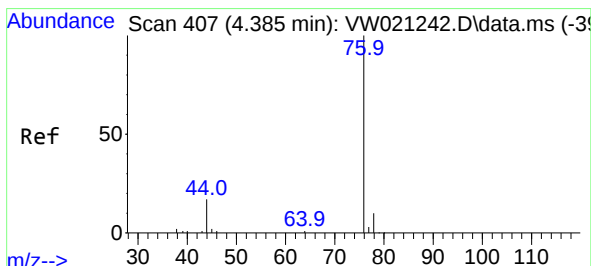
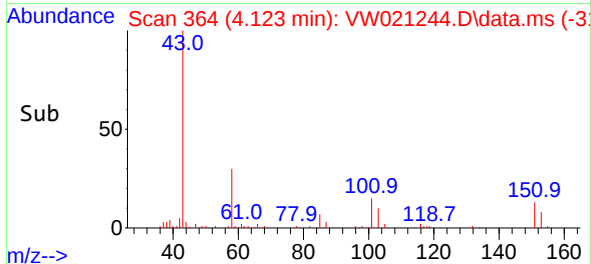
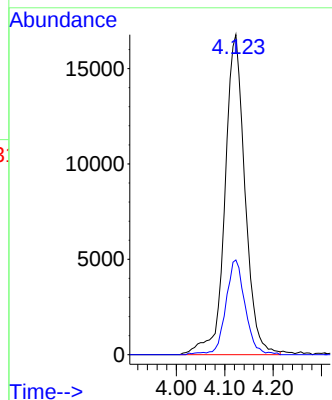
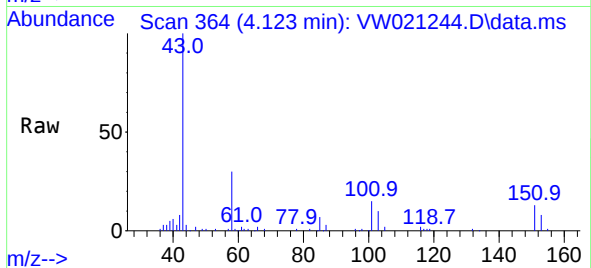




#13
Acetone
Concen: 141.168 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

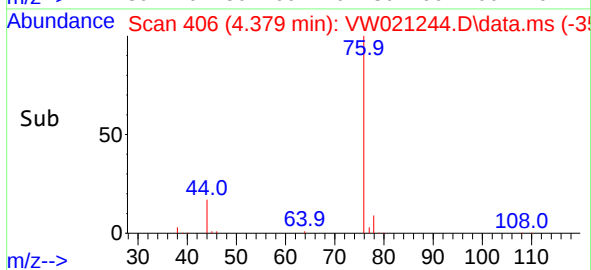
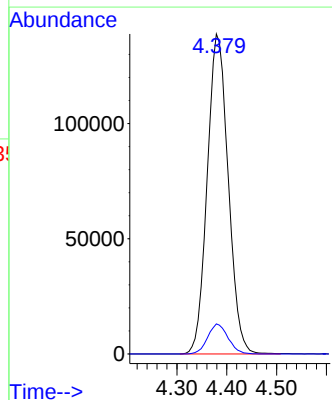
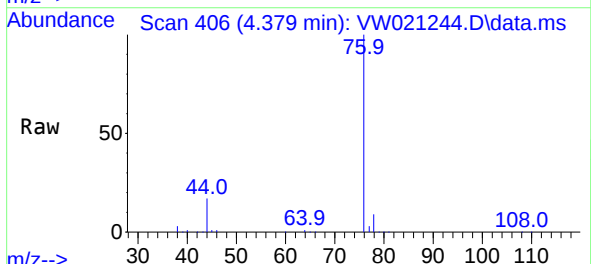
Instrument :
MSVOA_W
ClientSampleId :

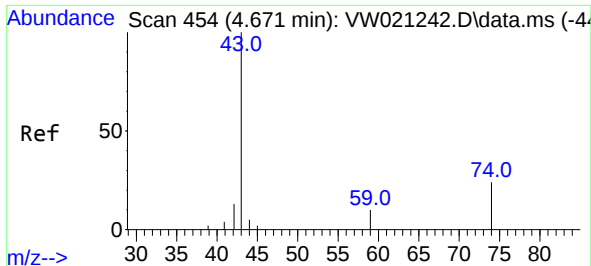
Tgt Ion: 43 Resp: 48405
Ion Ratio Lower Upper
43 100
58 27.9 0.0 52.8



#14
Carbon disulfide
Concen: 95.998 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 76 Resp: 406048
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

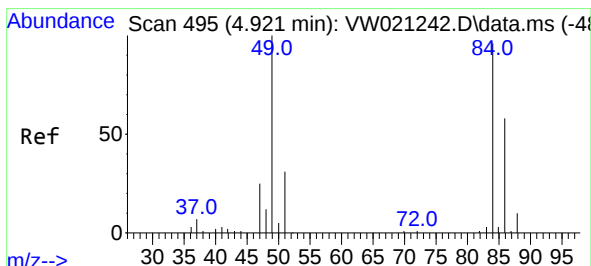
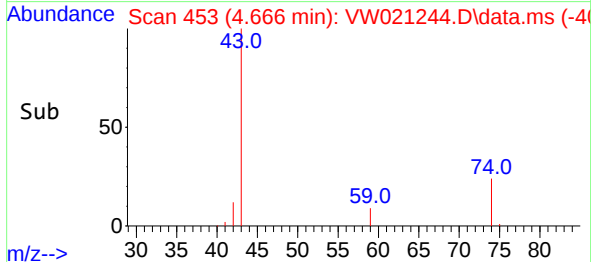
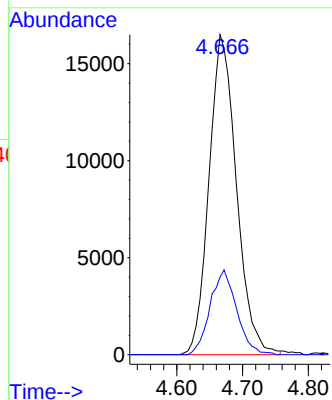
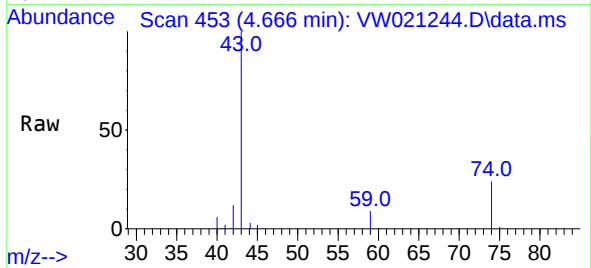




#15
Methyl Acetate
Concen: 79.392 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

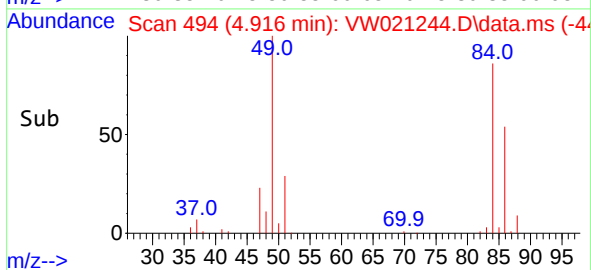
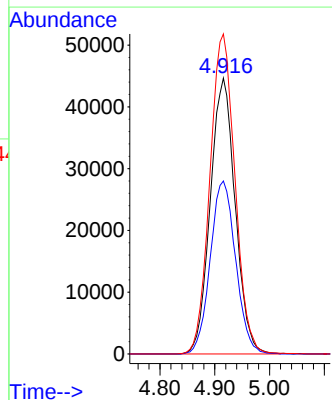
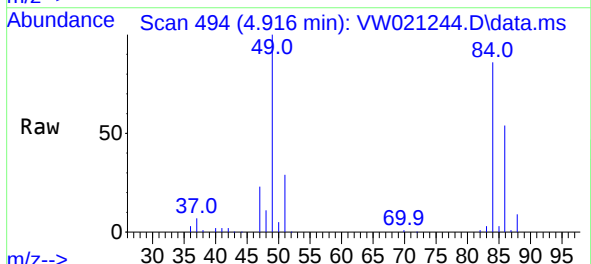
Instrument :
MSVOA_W
ClientSampleId :

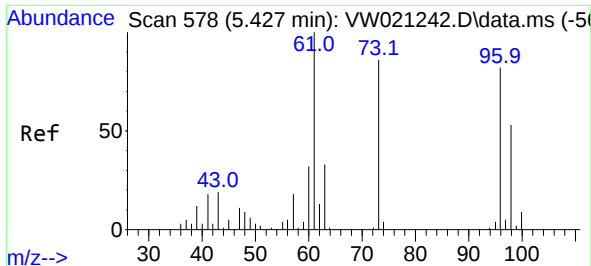
Tgt Ion: 43 Resp: 47847
Ion Ratio Lower Upper
43 100
74 25.5 16.4 24.6#



#16
Methylene chloride
Concen: 74.598 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

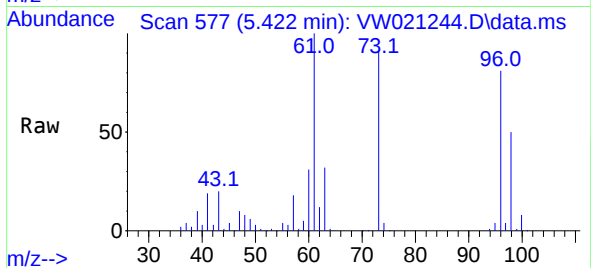
Tgt Ion: 84 Resp: 140890
Ion Ratio Lower Upper
84 100
86 62.7 45.5 84.5
49 116.0 100.5 186.7





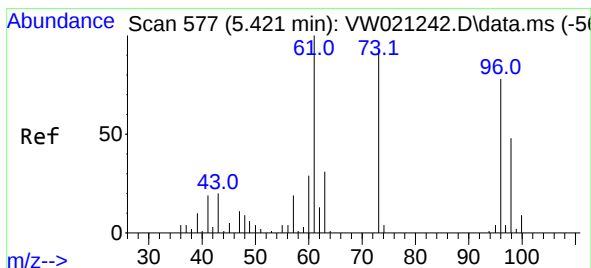
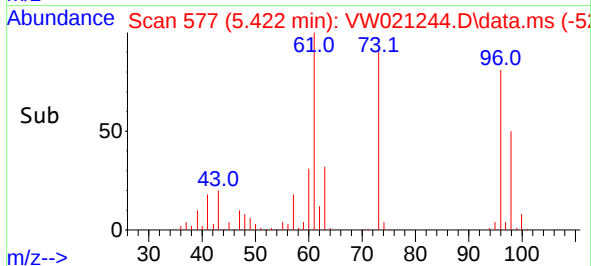
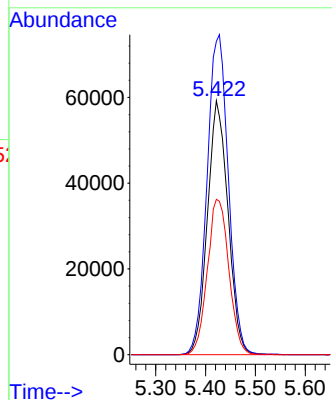
#17
trans-1,2-Dichloroethene
Concen: 101.636 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 169789

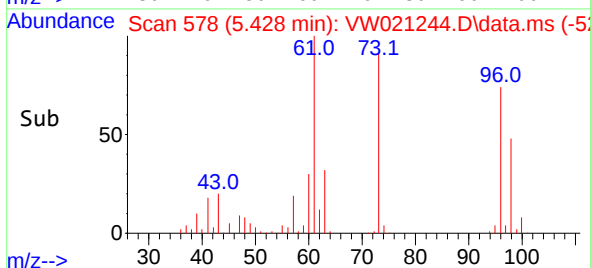
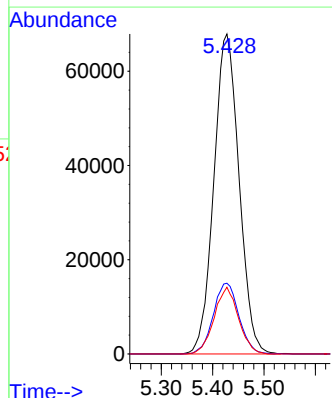
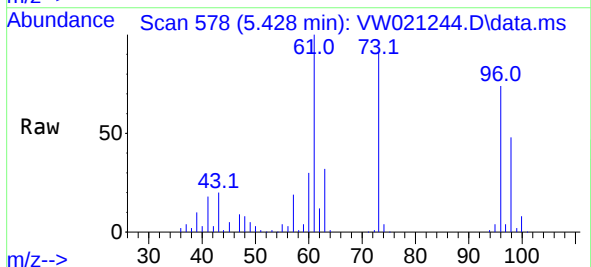
Ion	Ratio	Lower	Upper
96	100		
61	123.3	107.4	199.4
98	61.2	41.2	76.6

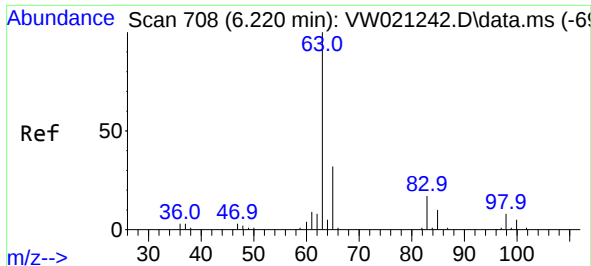


#18
Methyl tert-butyl Ether
Concen: 94.164 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 73 Resp: 231073

Ion	Ratio	Lower	Upper
73	100		
43	22.5	19.5	29.3
57	20.1	19.3	28.9





#19

1,1-Dichloroethane

Concen: 101.024 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

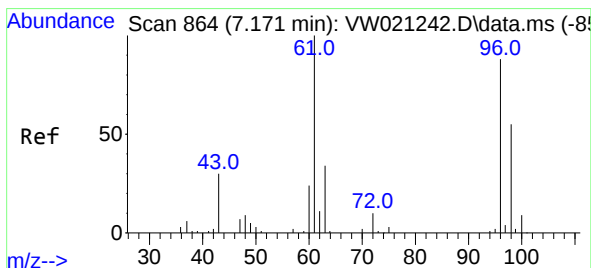
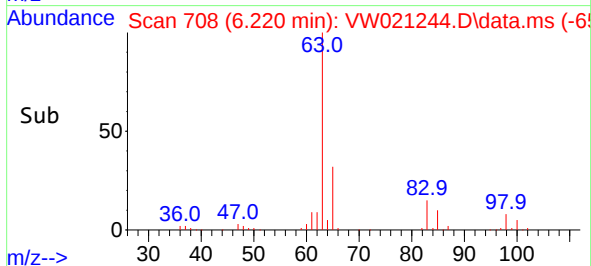
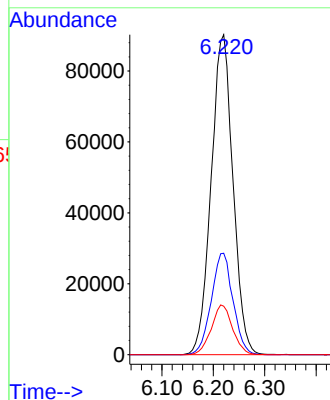
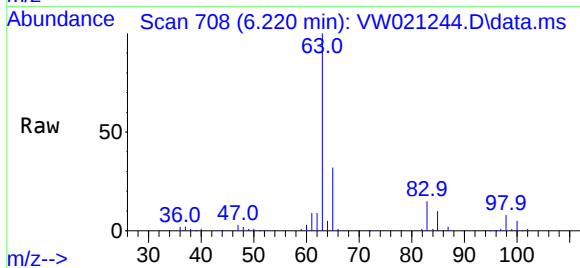
Tgt Ion: 63 Resp: 266083

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 105.090 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

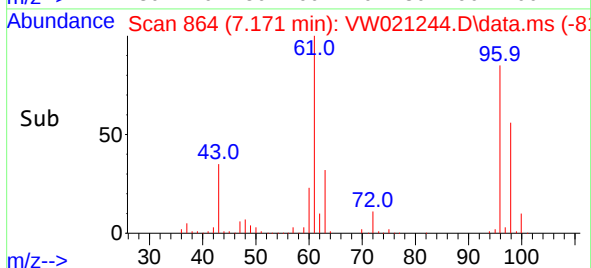
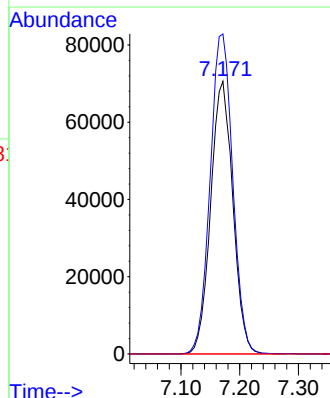
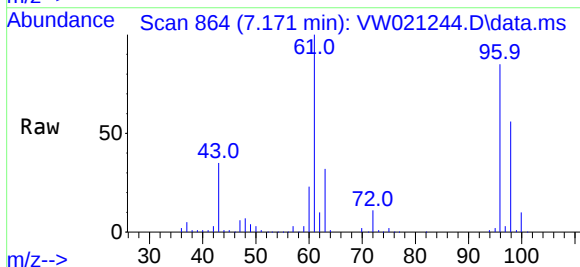
Tgt Ion: 96 Resp: 185043

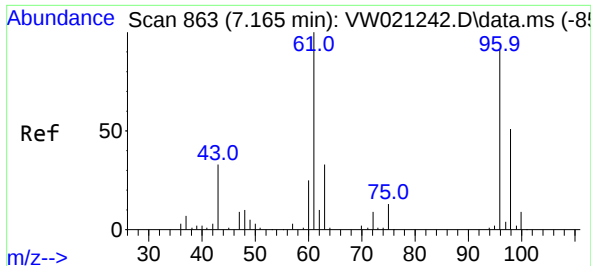
Ion Ratio Lower Upper

96 100

61 117.3 103.7 192.7

68 0.0 0.0 0.0

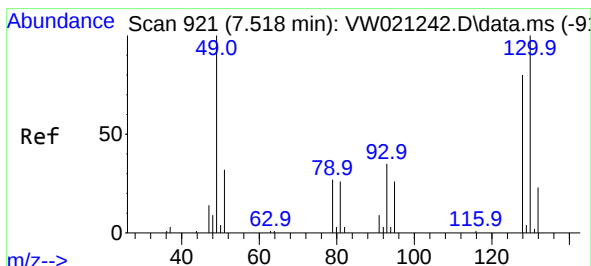
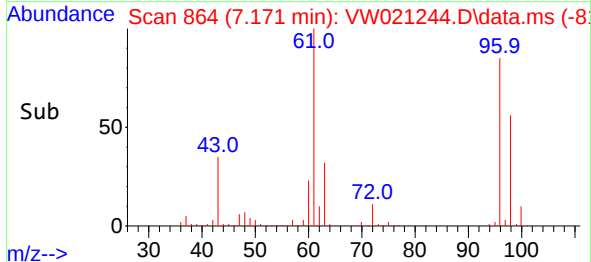
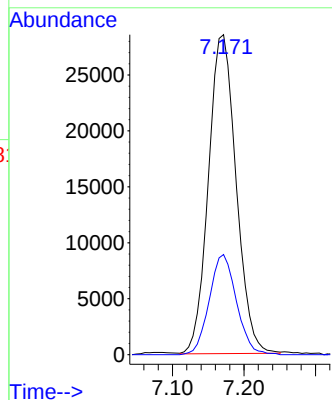
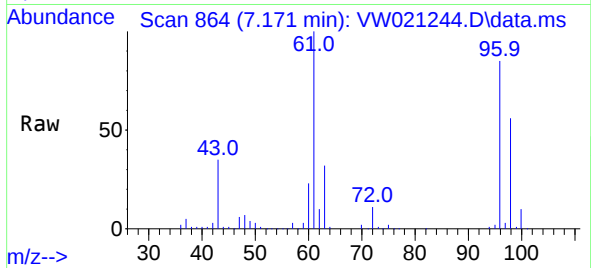




#22
2-Butanone
Concen: 161.665 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

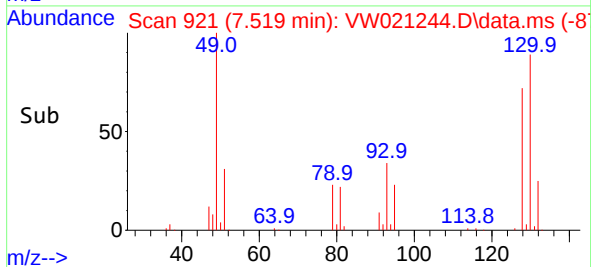
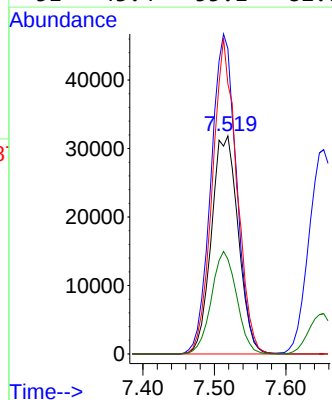
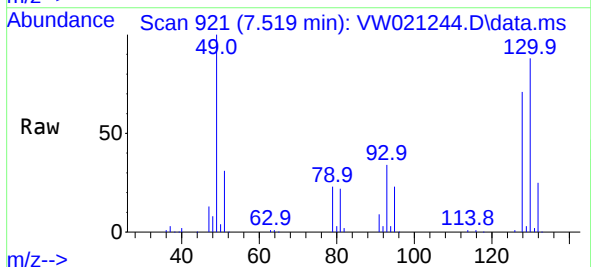
Instrument :
MSVOA_W
ClientSampleId :

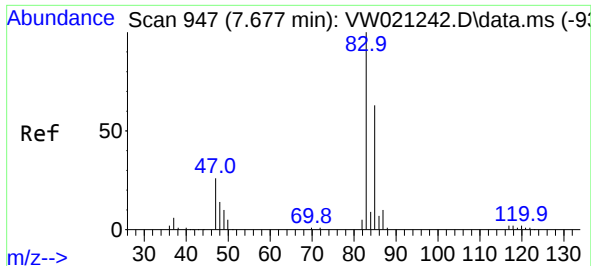
Tgt Ion: 43 Resp: 76755
Ion Ratio Lower Upper
43 100
72 30.7 11.8 35.4



#23
Bromochloromethane
Concen: 101.024 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 128 Resp: 82889
Ion Ratio Lower Upper
128 100
49 139.9 150.3 279.1#
130 123.8 88.3 163.9
51 43.4 55.1 82.7#

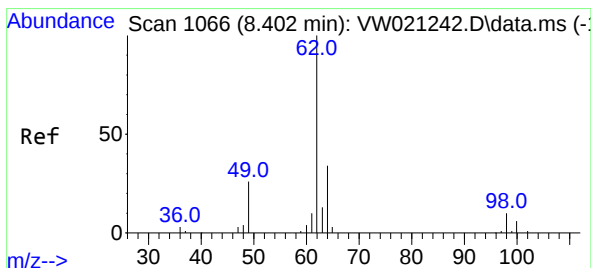
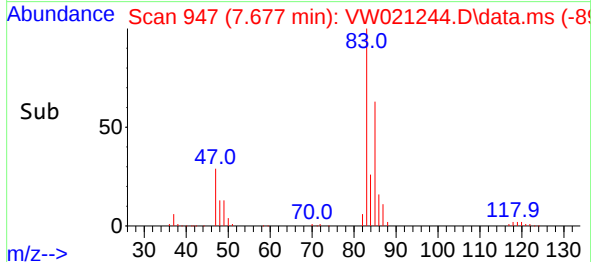
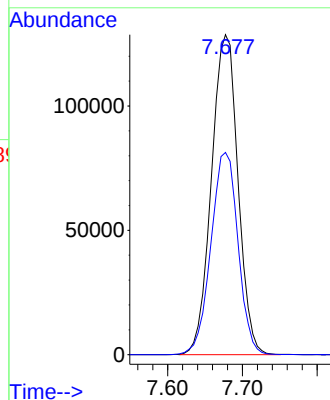
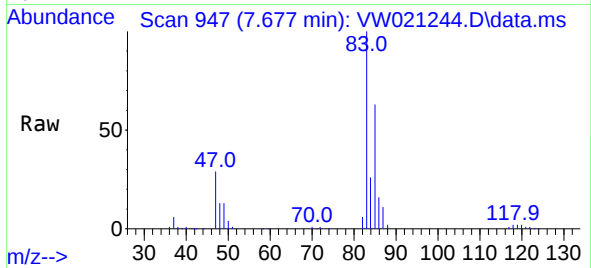




#25
Chloroform
Concen: 107.752 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

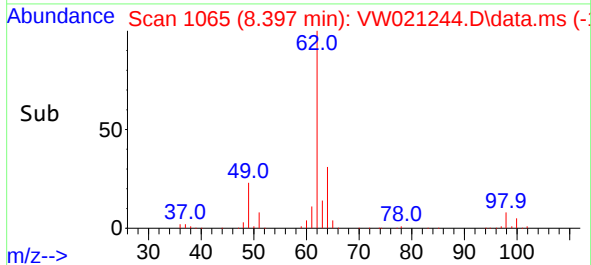
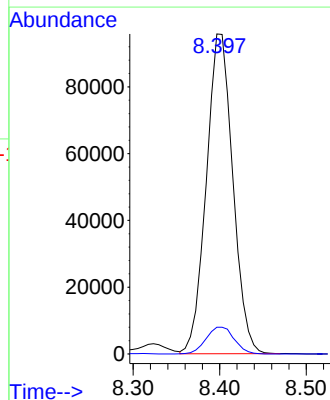
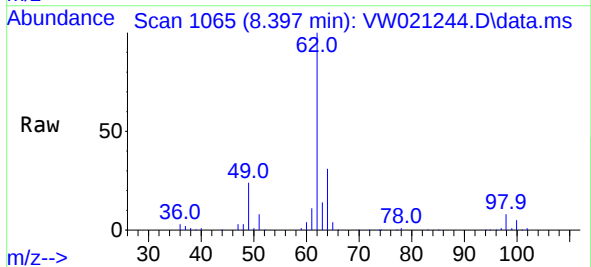
Instrument :
MSVOA_W
ClientSampleId :

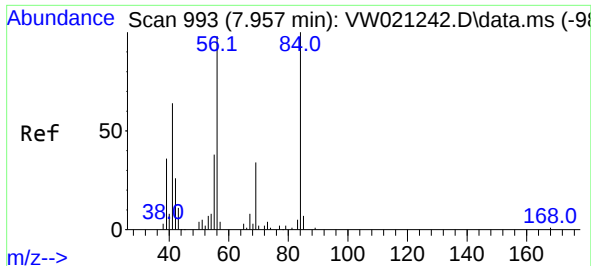
Tgt Ion: 83 Resp: 317848
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 105.983 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 62 Resp: 204137
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#29

Cyclohexane

Concen: 101.953 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

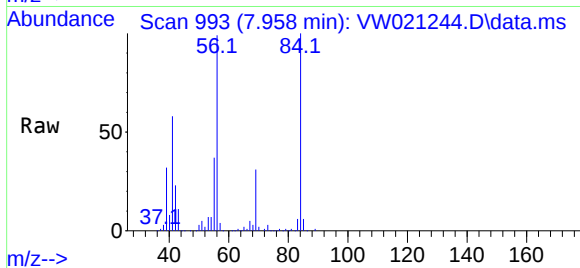
Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

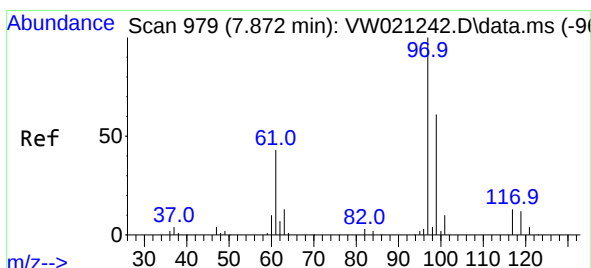
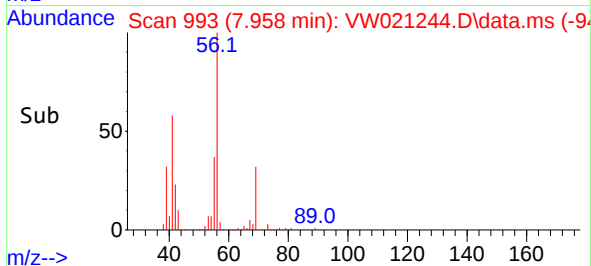
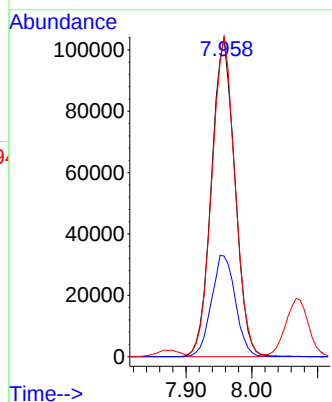
ClientSampleId :



Tgt Ion: 56 Resp: 257116

Ion Ratio Lower Upper

56	100		
69	32.6	23.5	35.3
84	99.4	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 106.055 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

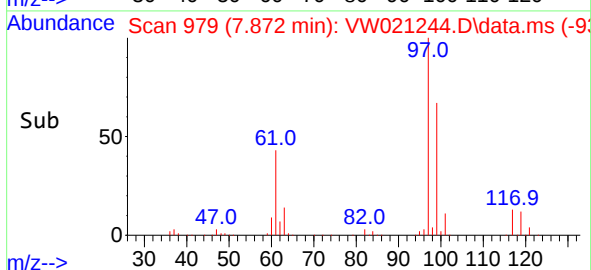
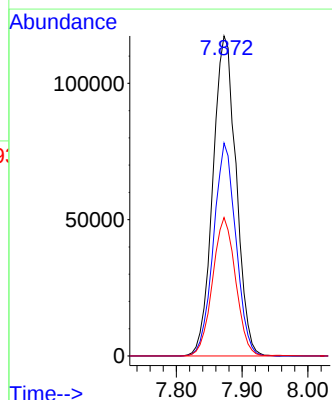
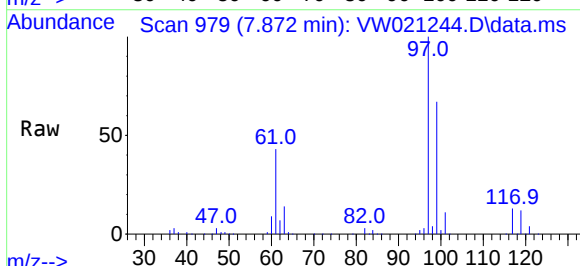
Lab File: VW021244.D

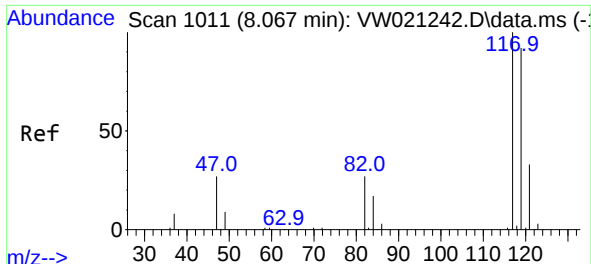
Acq: 09 Dec 2021 13:34

Tgt Ion: 97 Resp: 288676

Ion Ratio Lower Upper

97	100		
99	64.2	51.6	77.4
61	43.0	40.9	61.3

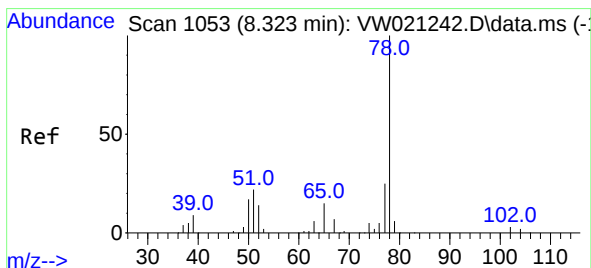
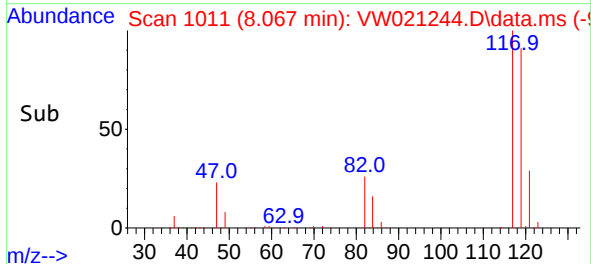
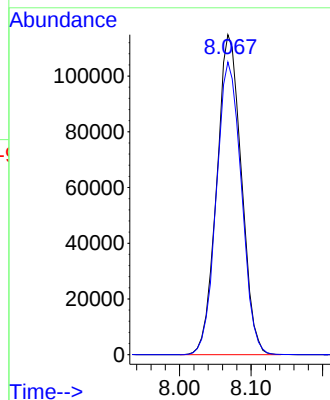
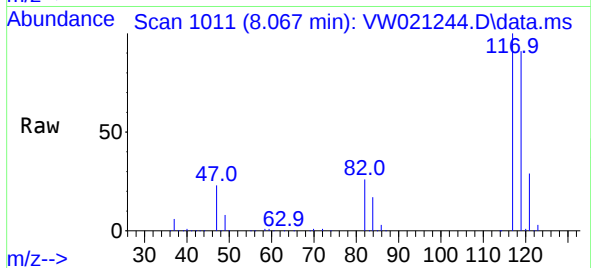




#31
Carbon tetrachloride
Concen: 110.954 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

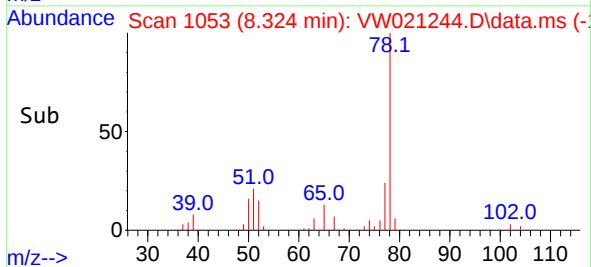
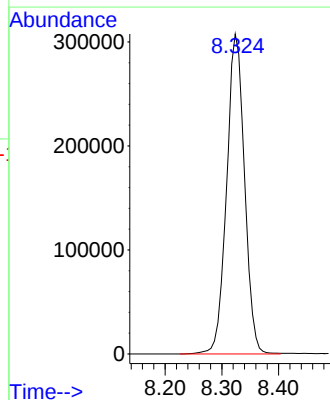
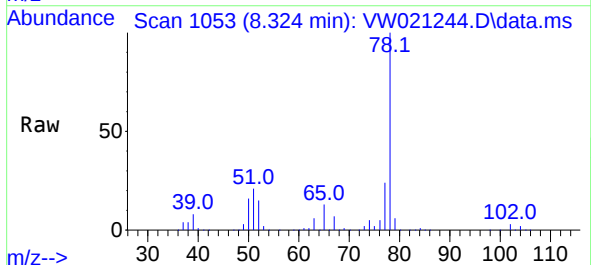
Instrument :
MSVOA_W
ClientSampleId :

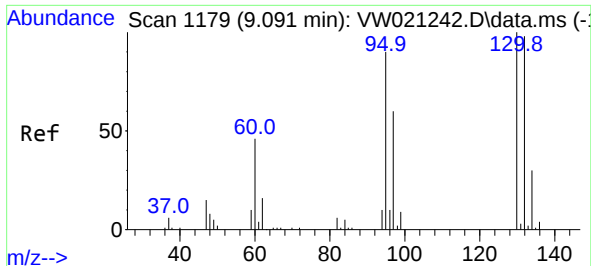
Tgt Ion:117 Resp: 275408
Ion Ratio Lower Upper
117 100
119 92.8 75.7 113.5



#33
Benzene
Concen: 102.543 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 78 Resp: 673931





#34

Trichloroethene

Concen: 103.550 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 187826

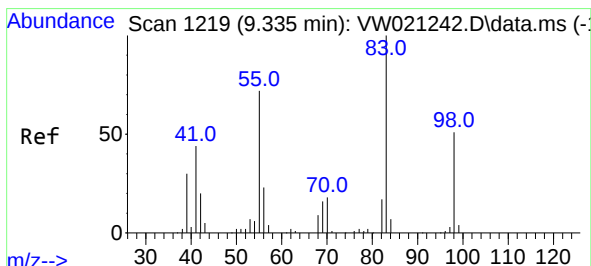
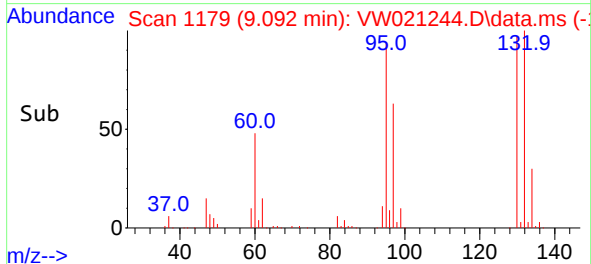
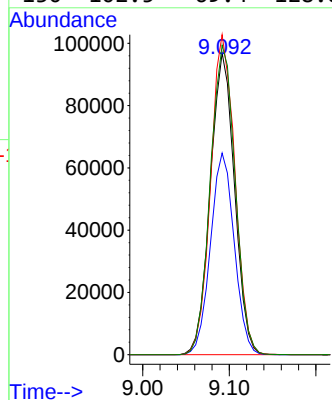
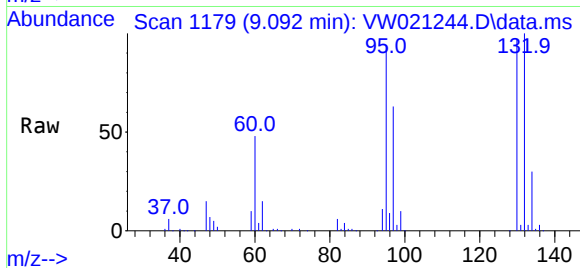
Ion Ratio Lower Upper

95 100

97 66.8 47.0 87.2

132 106.0 65.5 121.6

130 102.5 69.4 128.8



#35

Methylcyclohexane

Concen: 103.360 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

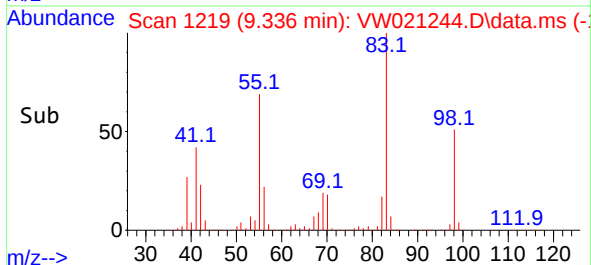
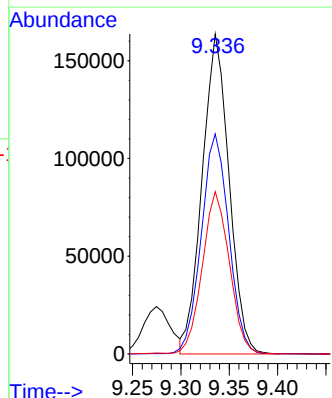
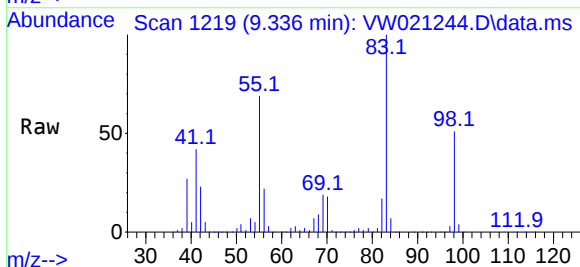
Tgt Ion: 83 Resp: 316980

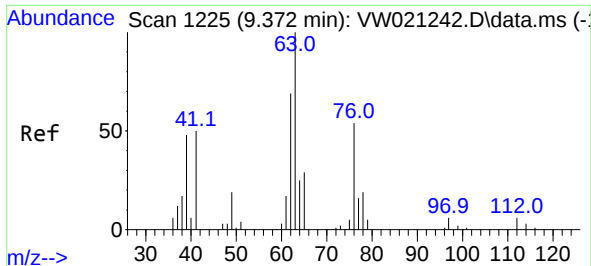
Ion Ratio Lower Upper

83 100

55 70.1 70.8 106.2#

98 51.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 103.649 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

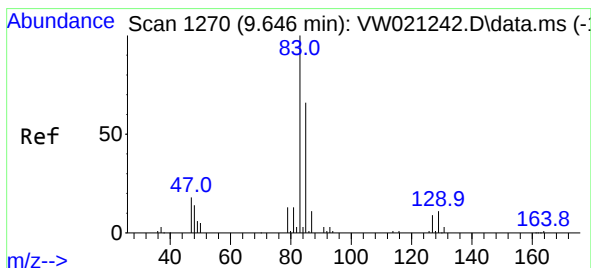
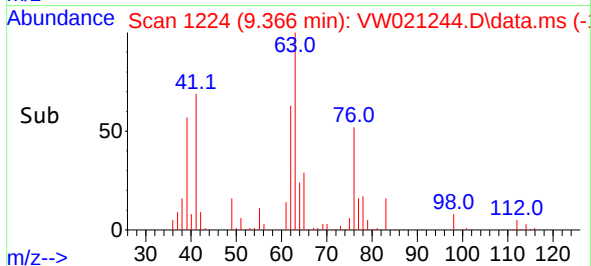
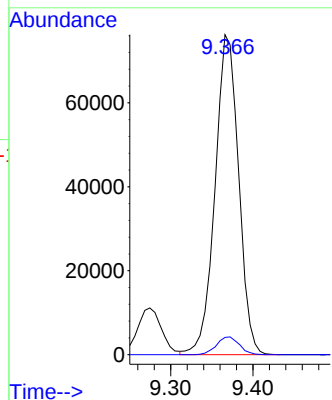
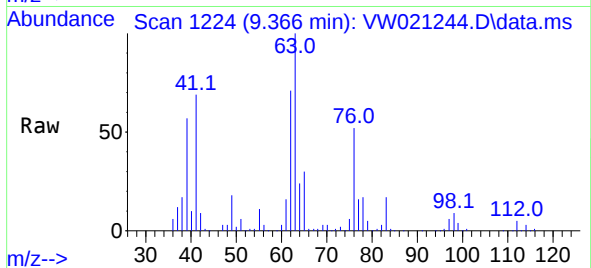
ClientSampleId :

Tgt Ion: 63 Resp: 152127

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 110.177 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

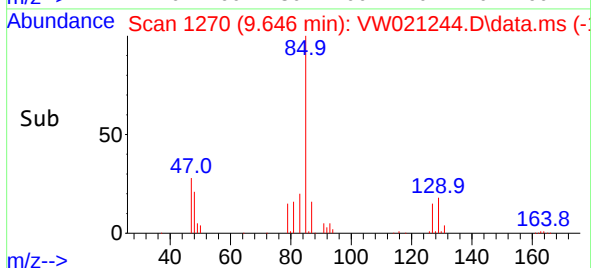
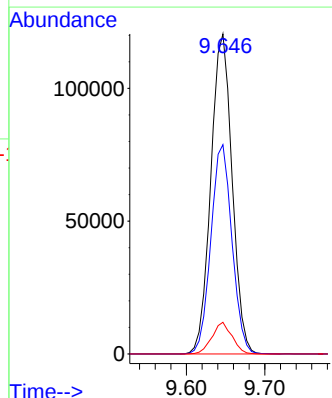
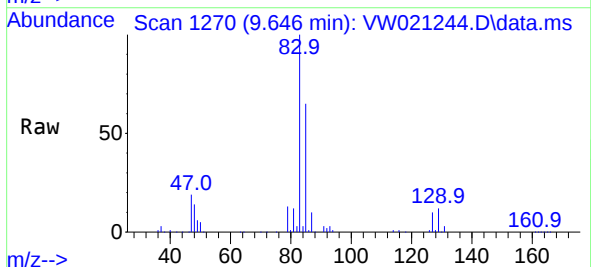
Tgt Ion: 83 Resp: 227351

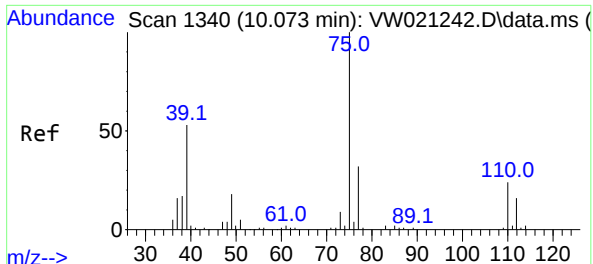
Ion Ratio Lower Upper

83 100

85 65.4 44.1 81.9

127 9.9 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 112.173 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

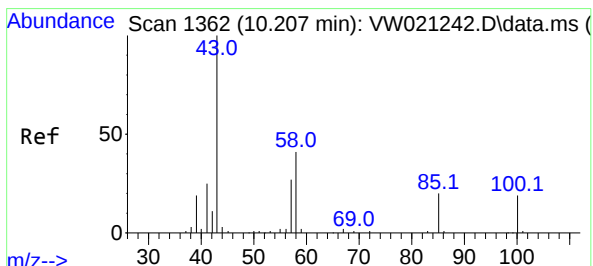
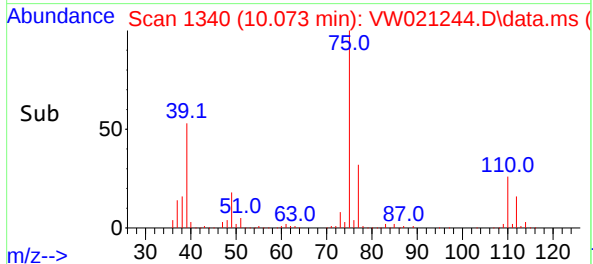
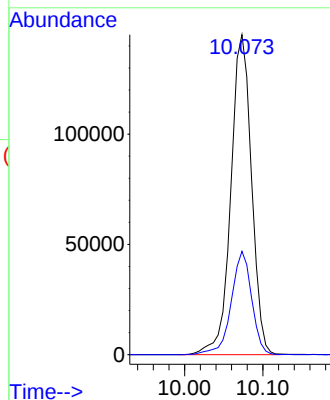
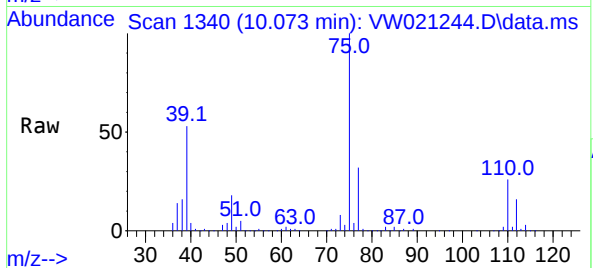
ClientSampleId :

Tgt Ion: 75 Resp: 266044

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 178.071 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

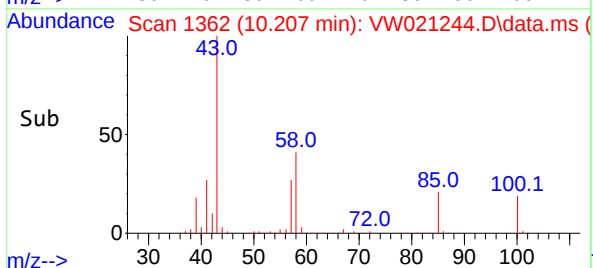
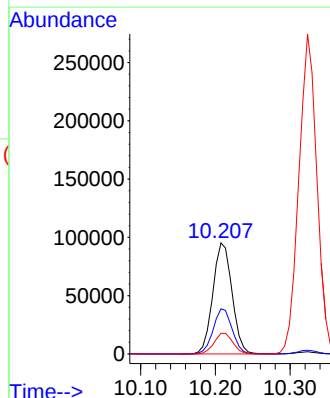
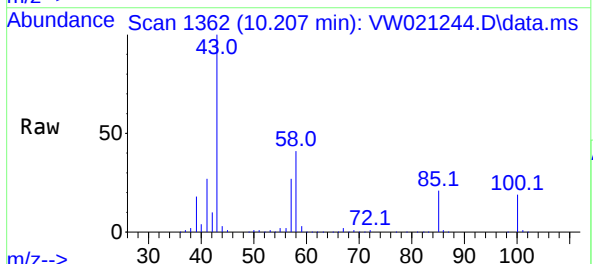
Tgt Ion: 43 Resp: 170479

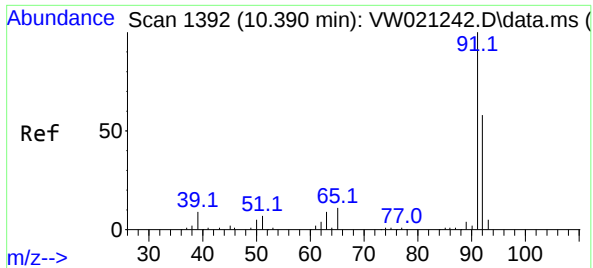
Ion Ratio Lower Upper

43 100

58 40.1 28.8 43.2

100 18.4 10.0 15.0#

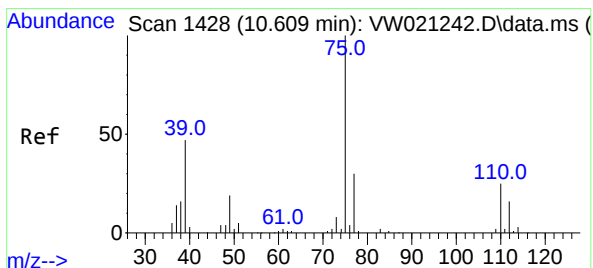
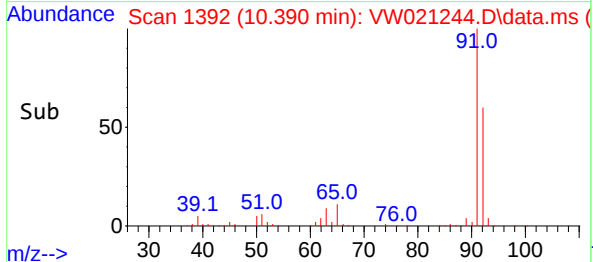
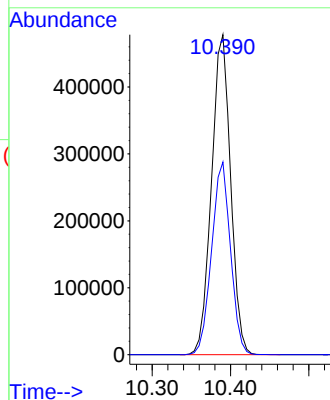
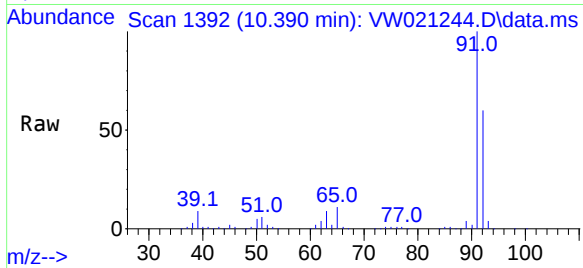




#42
Toluene
Concen: 107.673 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

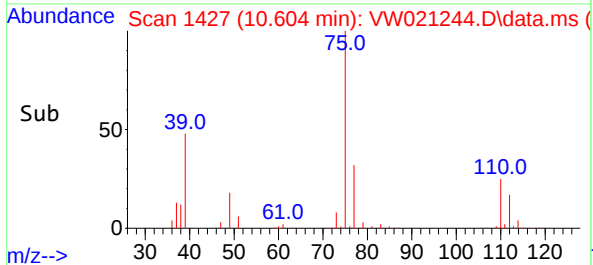
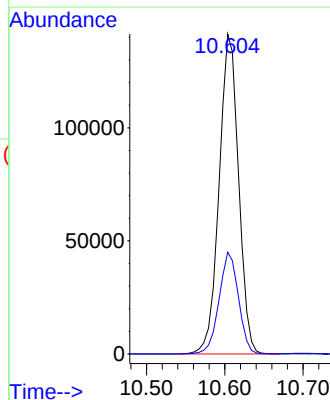
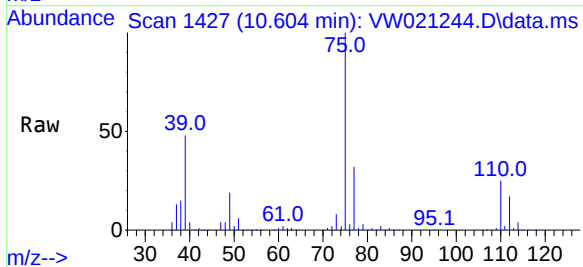
Instrument :
MSVOA_W
ClientSampleId :

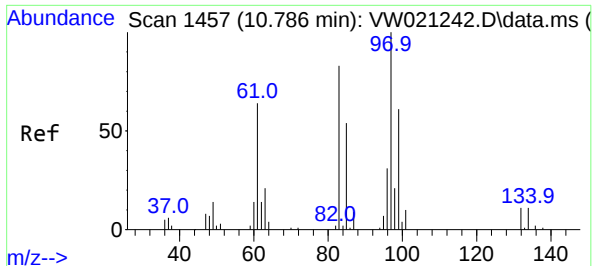
Tgt Ion: 91 Resp: 809561
Ion Ratio Lower Upper
91 100
92 60.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 115.935 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 75 Resp: 244361
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 100.822 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 125308

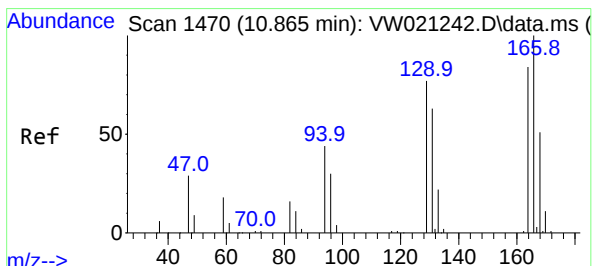
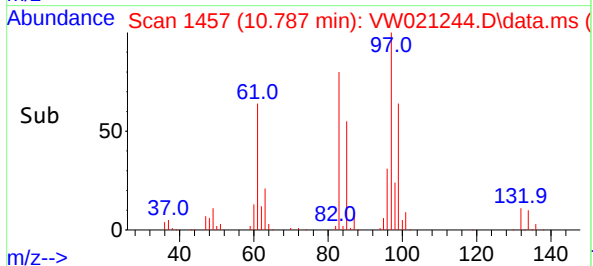
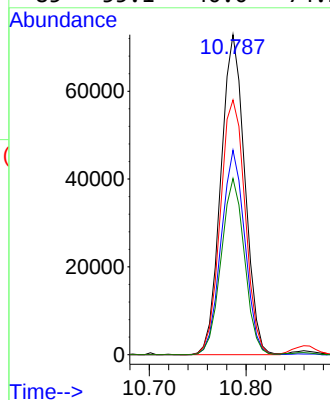
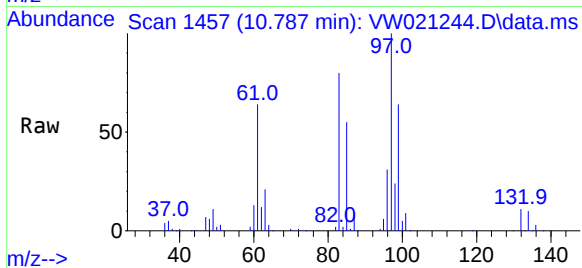
Ion Ratio Lower Upper

97 100

99 63.9 43.0 79.8

83 79.6 62.6 116.3

85 55.1 40.0 74.2



#46

Tetrachloroethene

Concen: 100.252 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Tgt Ion:164 Resp: 171384

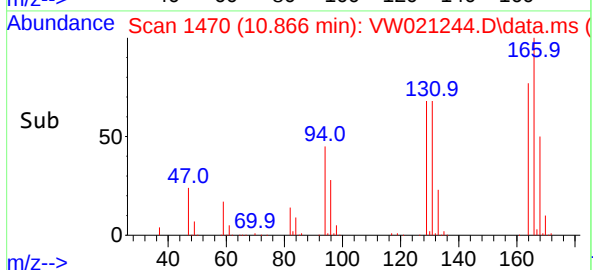
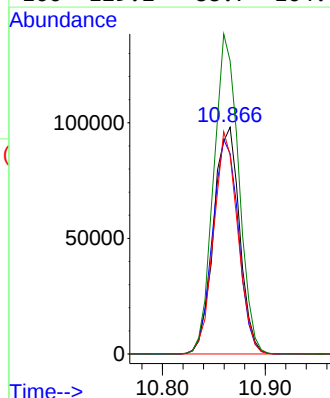
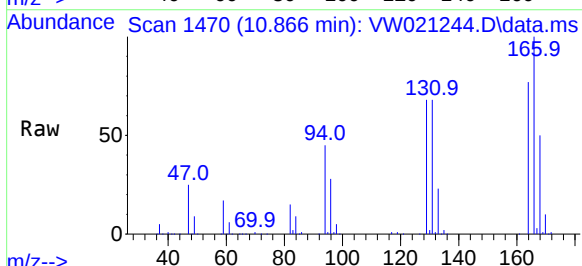
Ion Ratio Lower Upper

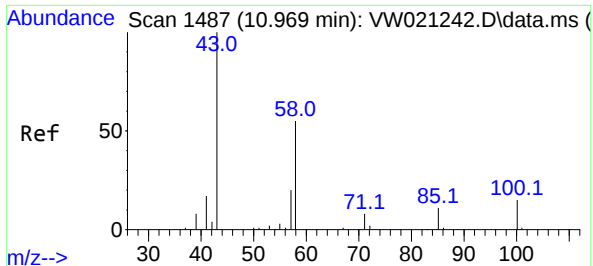
164 100

129 88.3 65.5 121.7

131 87.7 59.7 110.9

166 129.2 88.7 164.7





#48

2-Hexanone

Concen: 187.461 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 129558

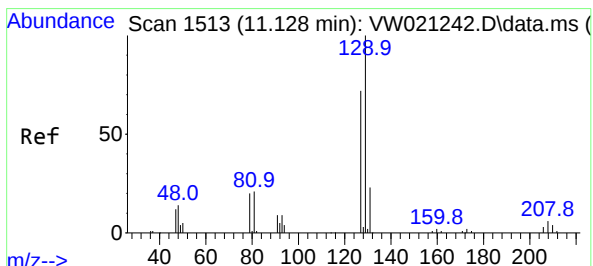
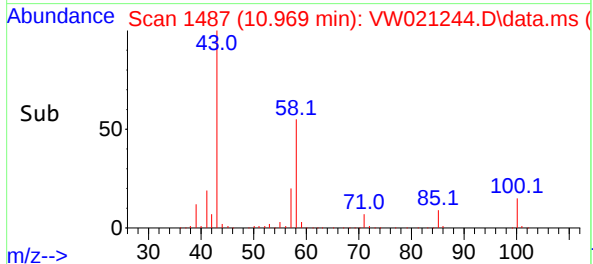
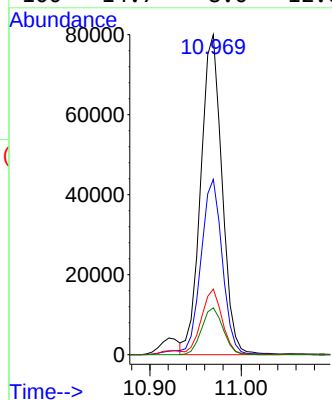
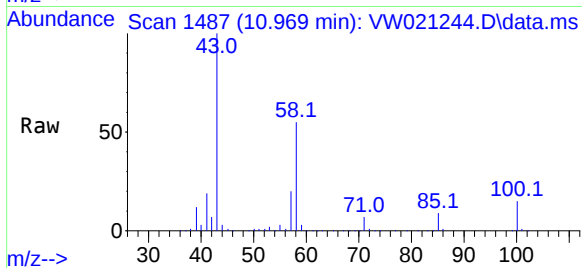
Ion Ratio Lower Upper

43 100

58 55.8 40.2 60.2

57 19.9 14.3 21.5

100 14.7 8.0 12.0#



#49

Dibromochloromethane

Concen: 110.861 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW021244.D

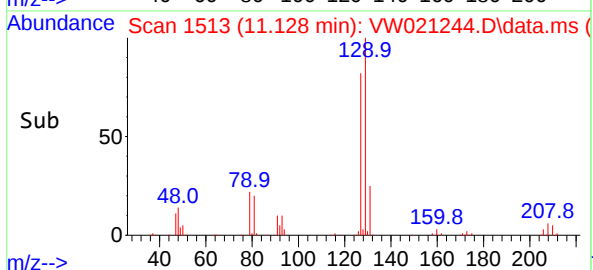
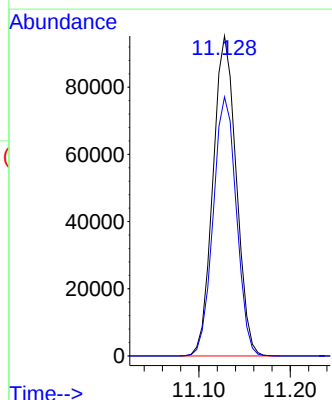
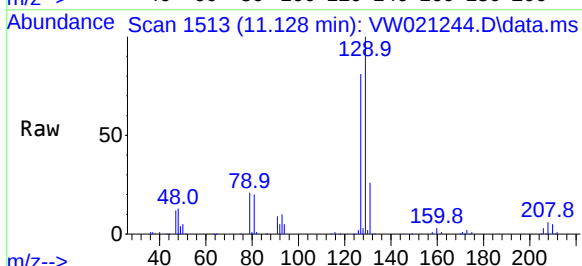
Acq: 09 Dec 2021 13:34

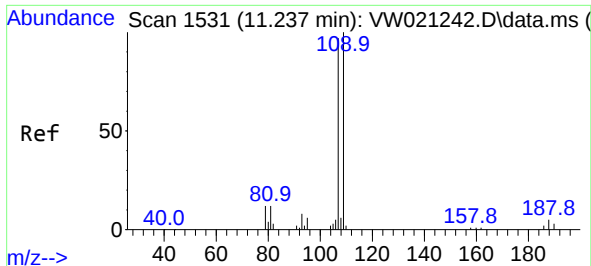
Tgt Ion:129 Resp: 168530

Ion Ratio Lower Upper

129 100

127 81.0 55.7 103.5





#50

1,2-Dibromoethane

Concen: 102.879 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021244.D

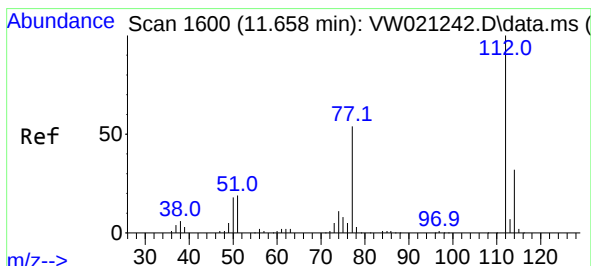
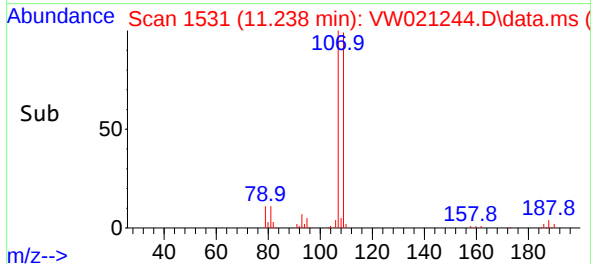
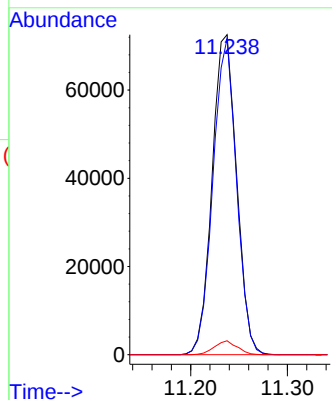
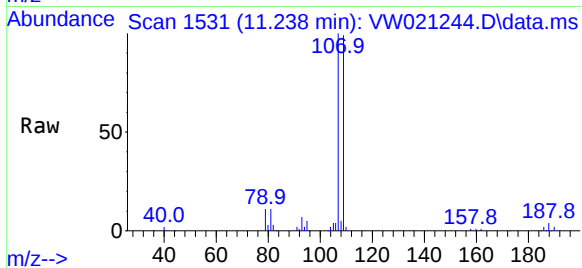
Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	127746
Ion	Ratio	Lower	Upper
107	100		
109	98.8	64.1	119.1
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 106.121 ug/L

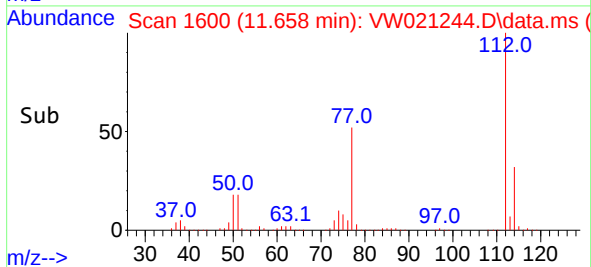
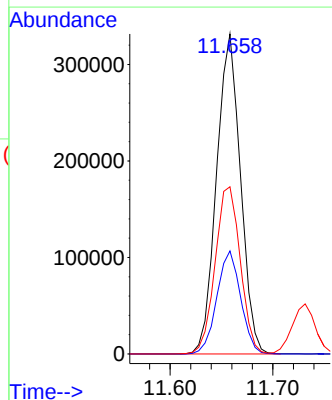
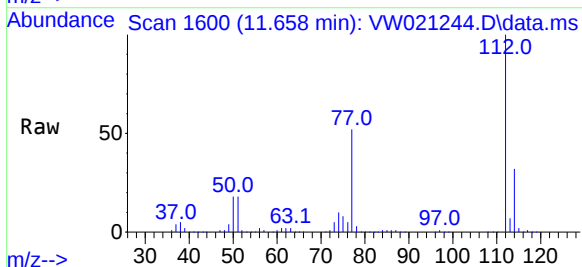
RT: 11.658 min Scan# 1600

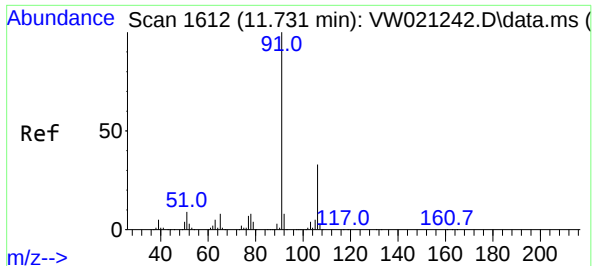
Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Tgt Ion:	112	Resp:	536769
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	52.2	50.2	75.4





#52

Ethylbenzene

Concen: 109.689 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

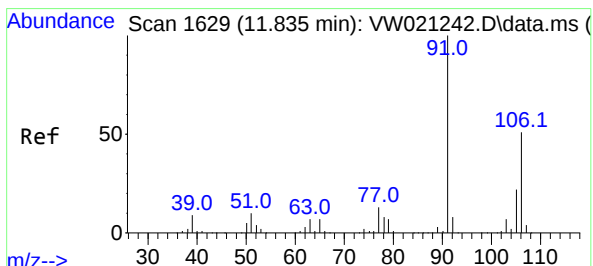
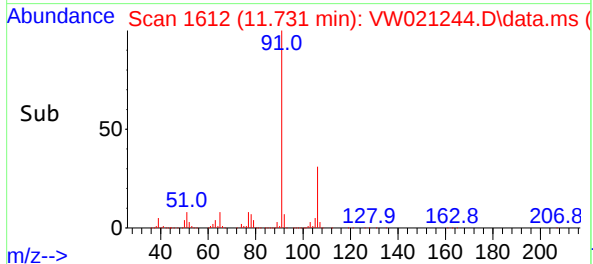
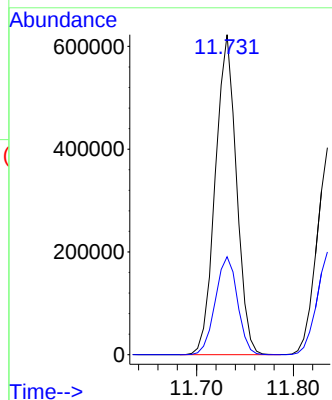
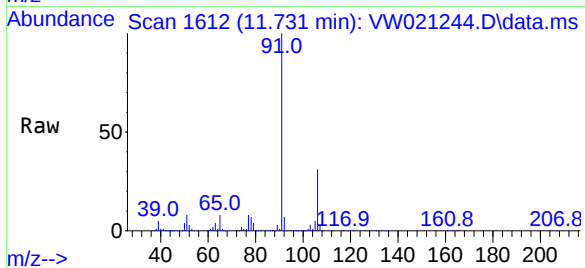
ClientSampleId :

Tgt Ion: 91 Resp: 944039

Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



#53

m,p-Xylene

Concen: 107.217 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021244.D

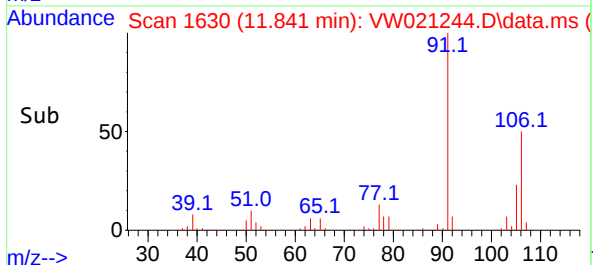
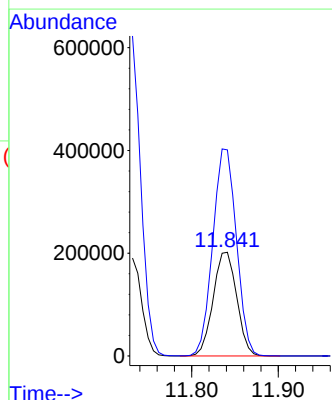
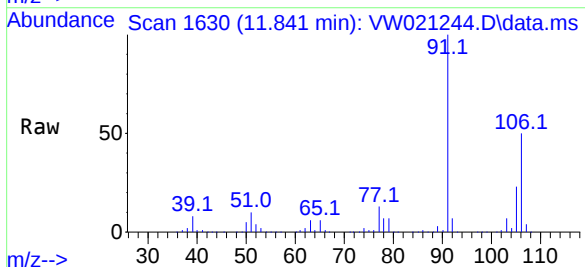
Acq: 09 Dec 2021 13:34

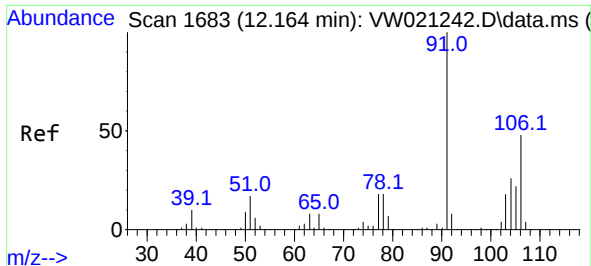
Tgt Ion:106 Resp: 381364

Ion Ratio Lower Upper

106 100

91 198.9 149.9 278.3

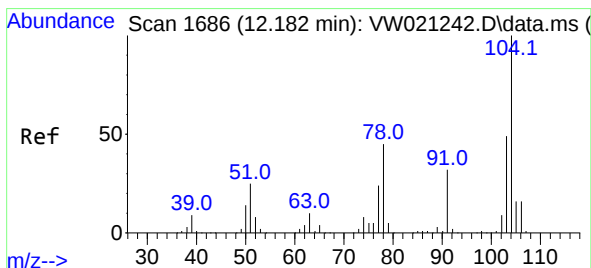
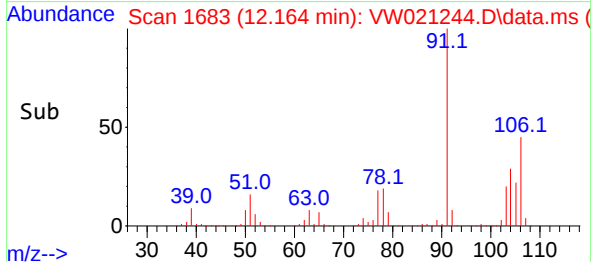
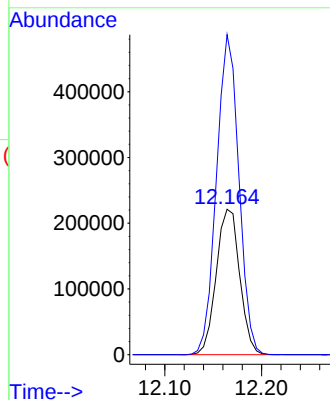
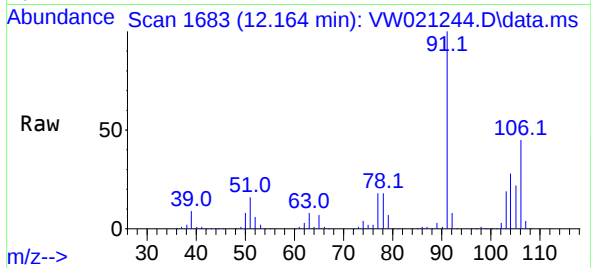




#54
o-Xylene
Concen: 111.234 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

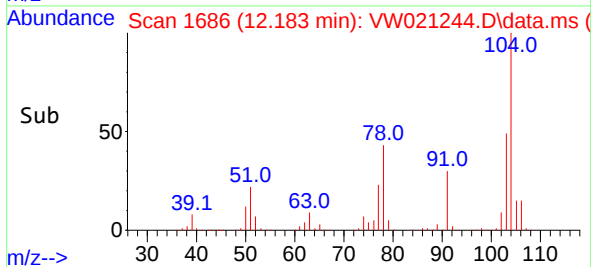
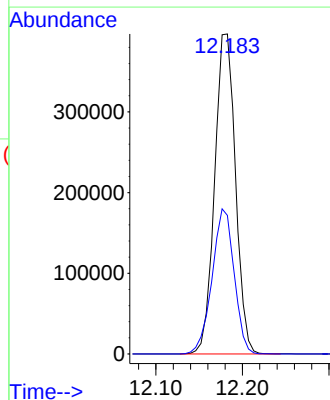
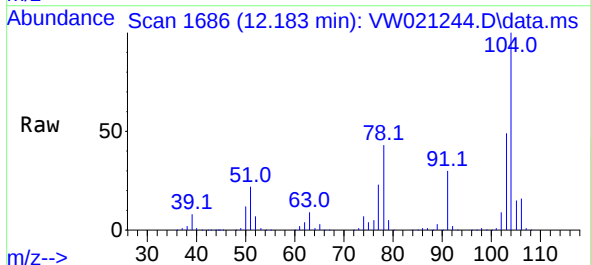
Instrument :
MSVOA_W
ClientSampleId :

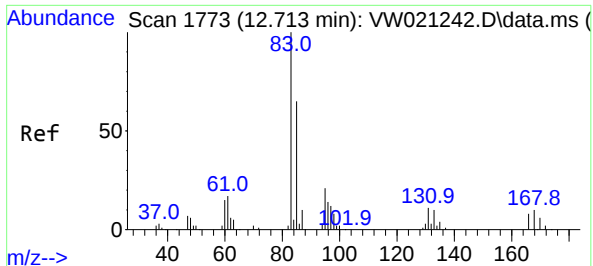
Tgt Ion:106 Resp: 372078
Ion Ratio Lower Upper
106 100
91 220.0 153.6 285.3



#55
Styrene
Concen: 115.818 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion:104 Resp: 663194
Ion Ratio Lower Upper
104 100
78 43.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 95.852 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

ClientSampleId :

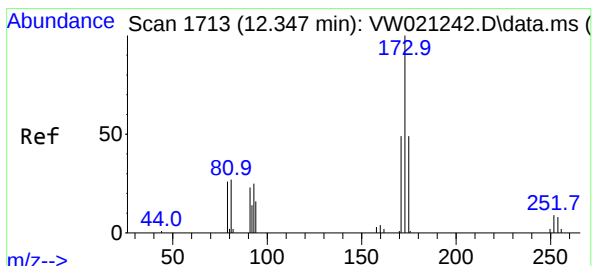
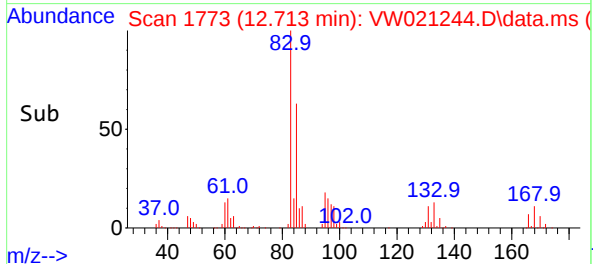
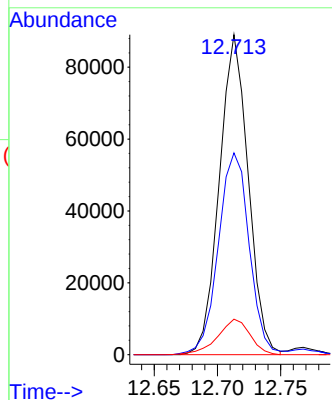
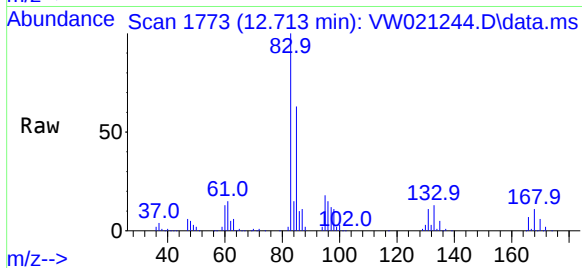
Tgt Ion: 83 Resp: 141258

Ion Ratio Lower Upper

83 100

85 63.1 44.0 81.6

131 11.1 6.9 10.3#



#59

Bromoform

Concen: 114.183 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

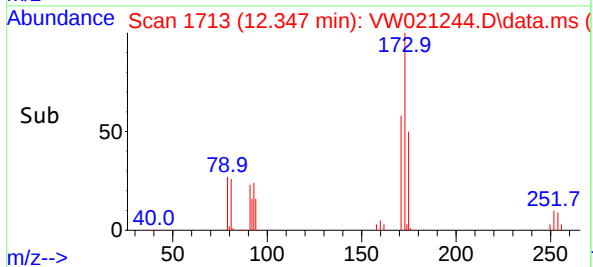
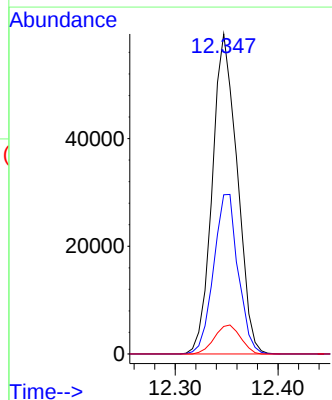
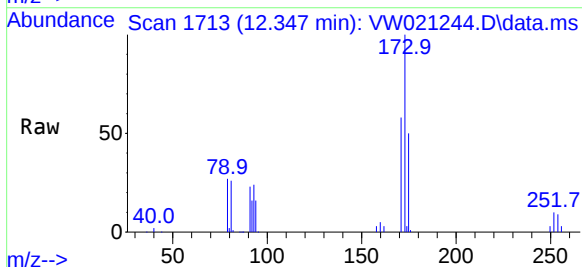
Tgt Ion:173 Resp: 99842

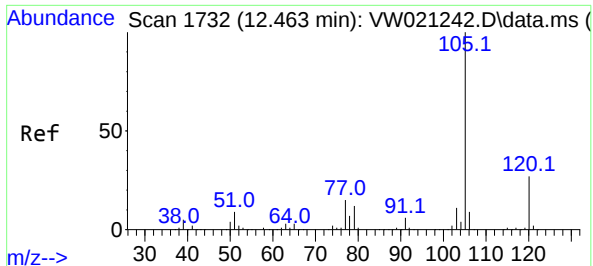
Ion Ratio Lower Upper

173 100

175 49.0 39.6 59.4

254 9.5 7.4 11.0

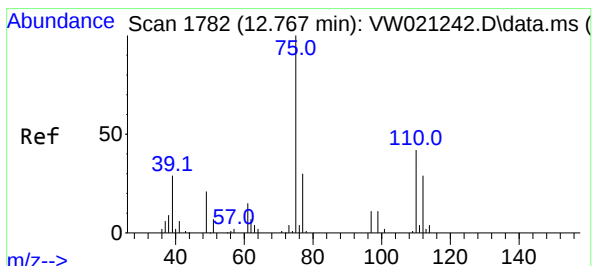
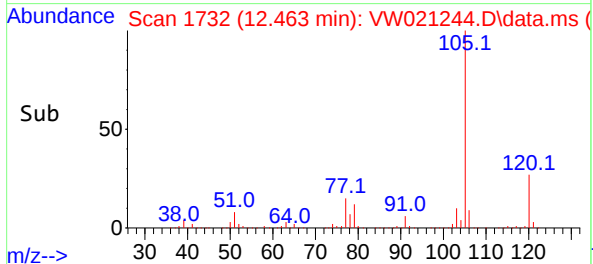
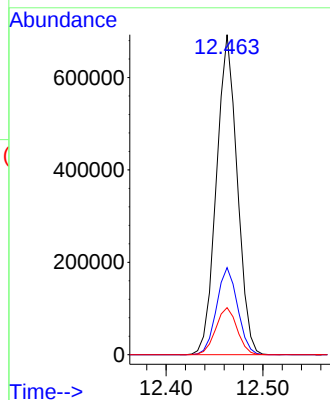
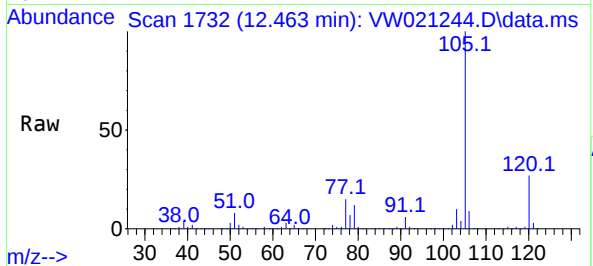




#60
Isopropylbenzene
Concen: 114.907 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

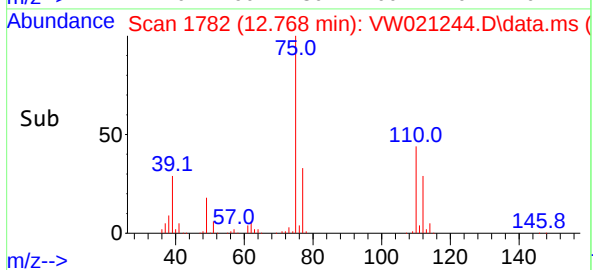
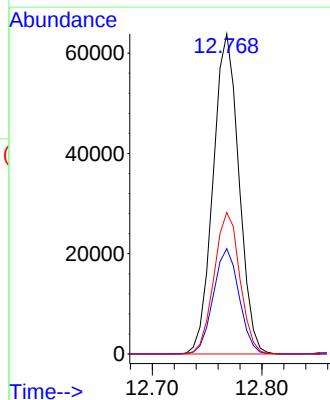
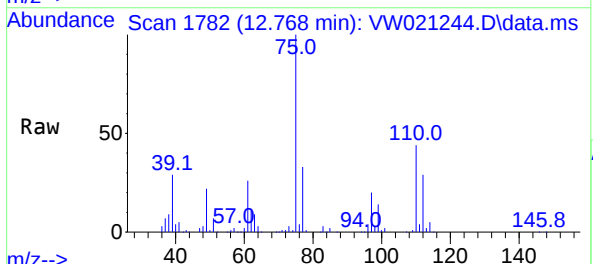
Instrument :
MSVOA_W
ClientSampleId :

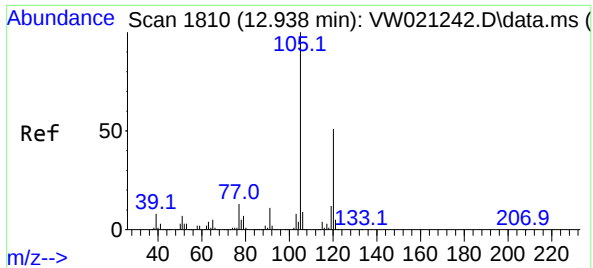
Tgt Ion:105 Resp: 1033089
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 15.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 99.998 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion: 75 Resp: 104566
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 44.2 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 115.379 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021244.D

Acq: 09 Dec 2021 13:34

Instrument :

MSVOA_W

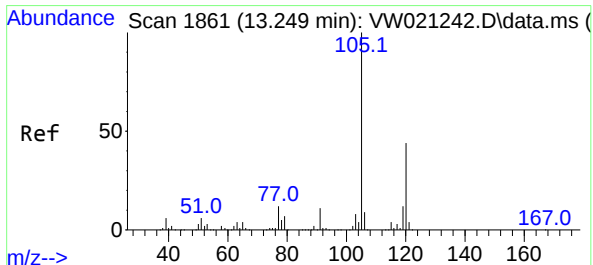
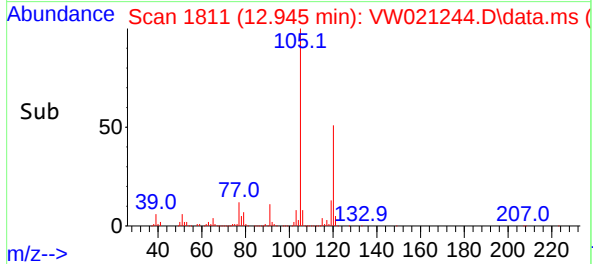
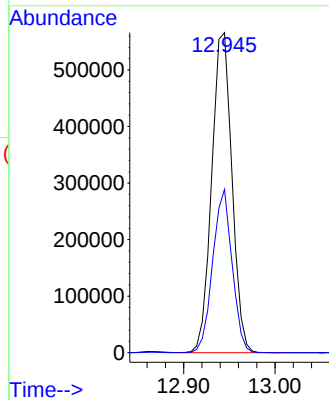
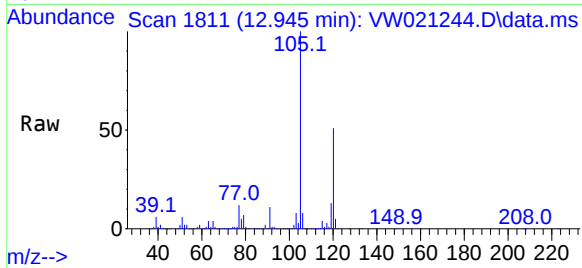
ClientSampleId :

Tgt Ion:105 Resp: 873059

Ion Ratio Lower Upper

105 100

120 48.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 113.285 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021244.D

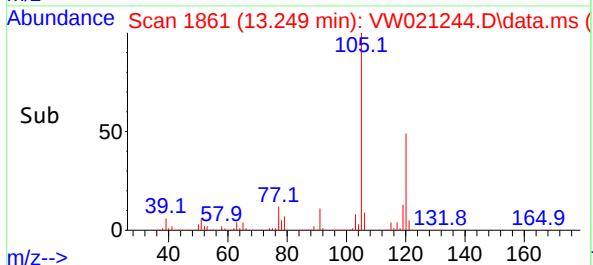
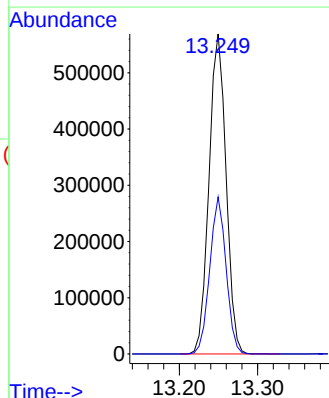
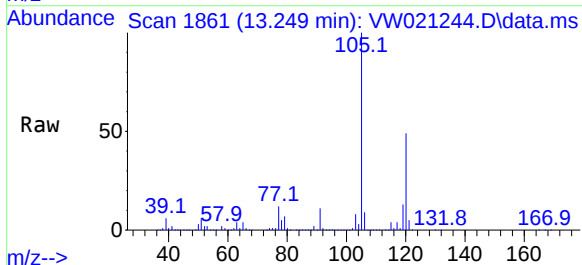
Acq: 09 Dec 2021 13:34

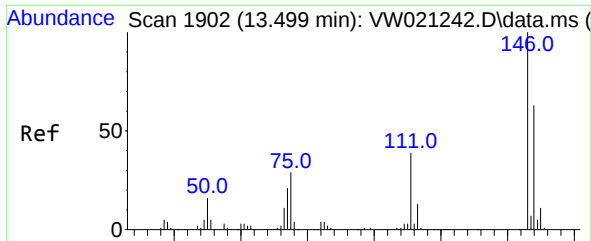
Tgt Ion:105 Resp: 859768

Ion Ratio Lower Upper

105 100

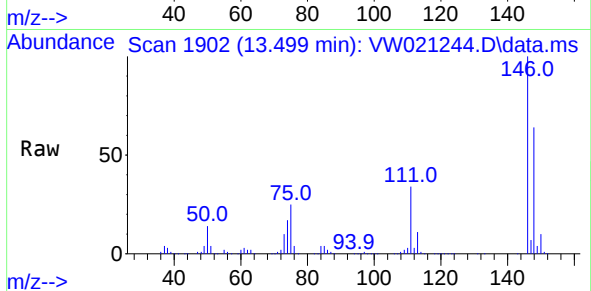
120 46.9 35.0 52.6



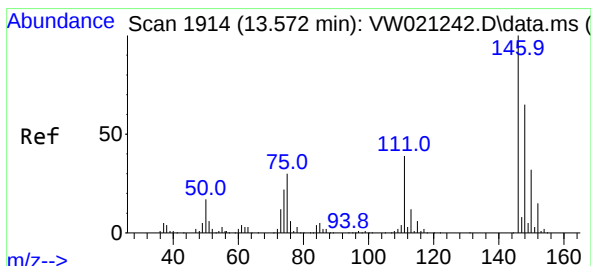
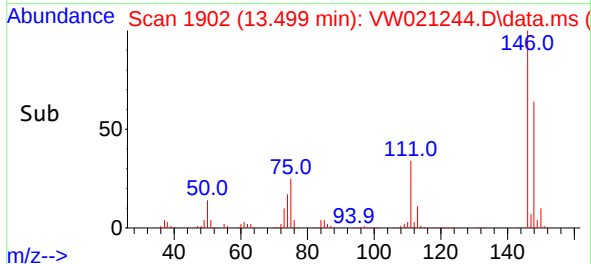
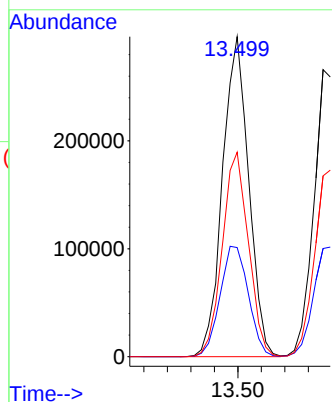


#64
1,3-Dichlorobenzene
Concen: 108.855 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Instrument :
MSVOA_W
ClientSampleId :

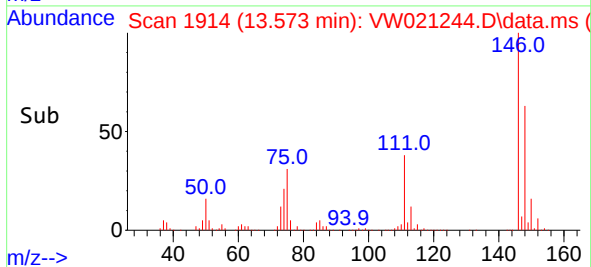
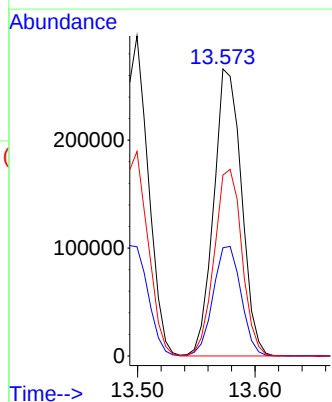
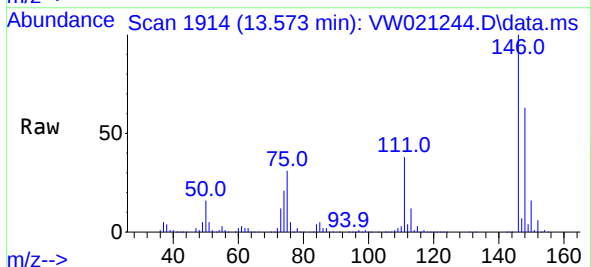


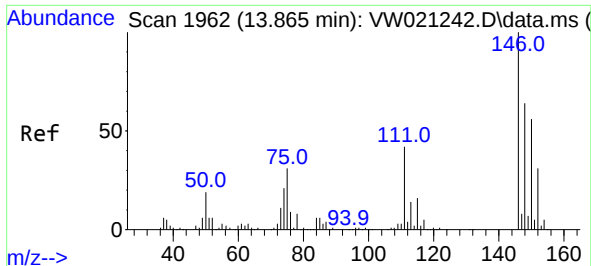
Tgt Ion:146 Resp: 459304
Ion Ratio Lower Upper
146 100
111 34.1 29.8 55.3
148 63.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 104.482 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion:146 Resp: 437214
Ion Ratio Lower Upper
146 100
111 37.7 29.0 53.9
148 63.0 46.9 87.1

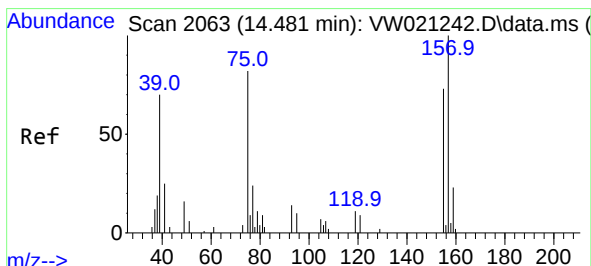
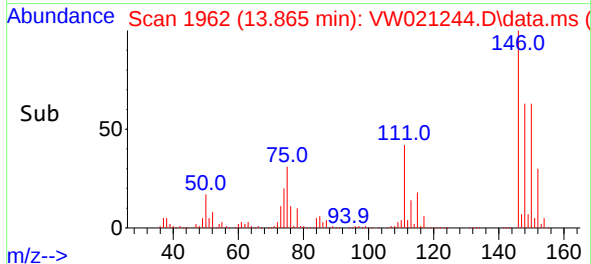
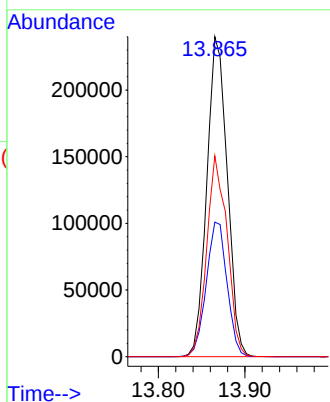
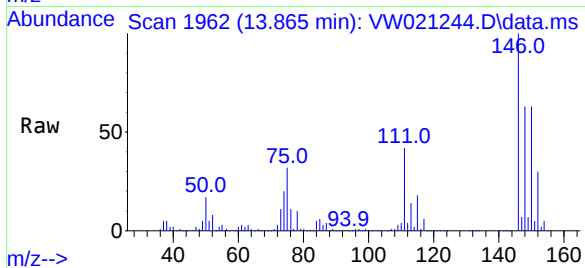




#67
1,2-Dichlorobenzene
Concen: 104.877 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

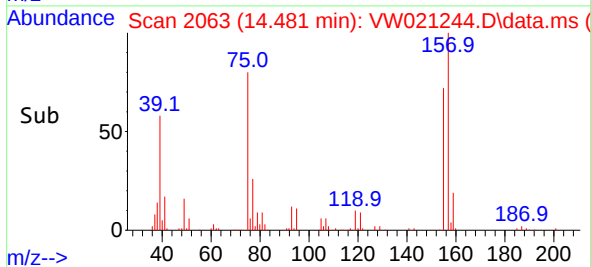
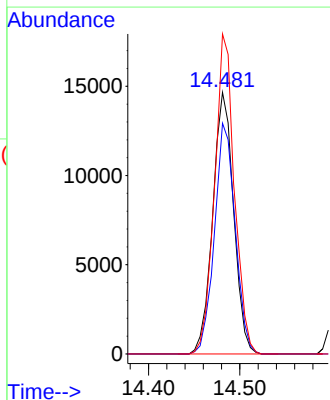
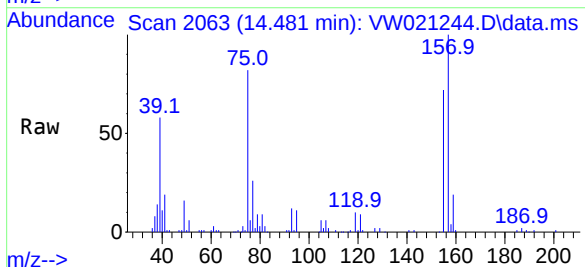
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 393735
Ion Ratio Lower Upper
146 100
111 42.1 33.1 49.7
148 62.7 47.4 71.2

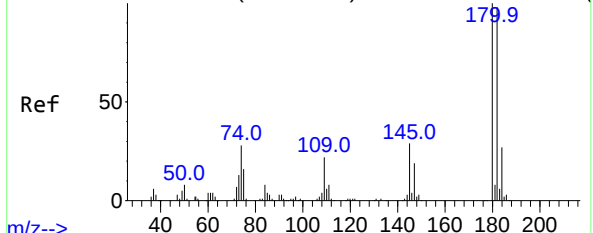


#68
1,2-Dibromo-3-chloropropane
Concen: 103.132 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

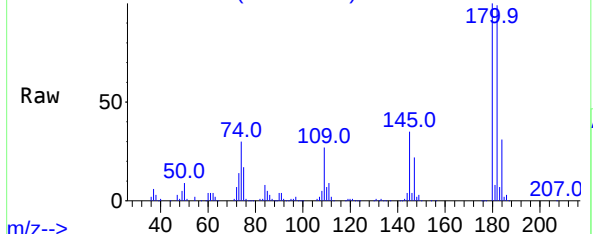
Tgt Ion: 75 Resp: 23213
Ion Ratio Lower Upper
75 100
155 88.2 54.2 81.2#
157 122.3 69.4 104.2#



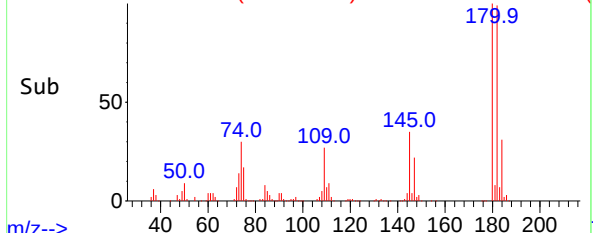
Abundance Scan 2087 (14.627 min): VW021242.D\data.ms (



m/z--> Scan 2087 (14.627 min): VW021244.D\data.ms



Abundance Scan 2087 (14.627 min): VW021244.D\data.ms (



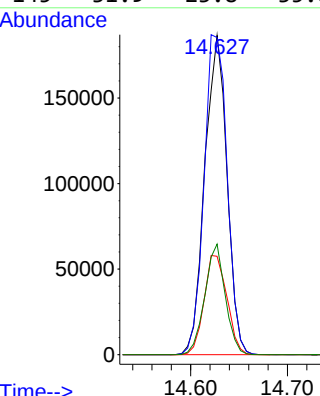
m/z-->

#69

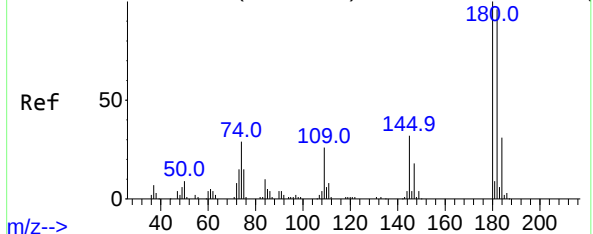
1,3,5-Trichlorobenzene
Concen: 95.485 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Instrument :
MSVOA_W
ClientSampleId :

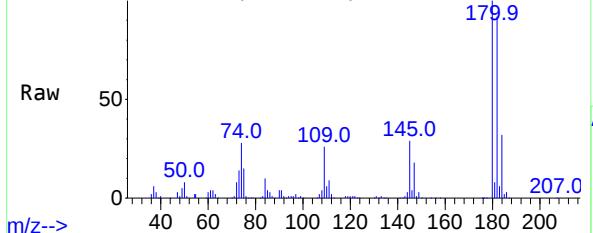
Tgt Ion:	180	Resp:	297280
Ion Ratio	Lower	Upper	
180	100		
182	104.2	75.4	113.0
184	32.1	23.8	35.8
145	31.9	23.8	35.8



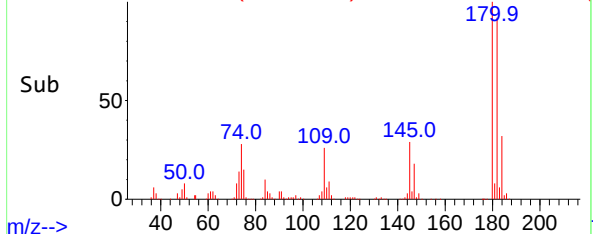
Abundance Scan 2169 (15.127 min): VW021242.D\data.ms (



m/z--> Scan 2169 (15.127 min): VW021244.D\data.ms



Abundance Scan 2169 (15.127 min): VW021244.D\data.ms (

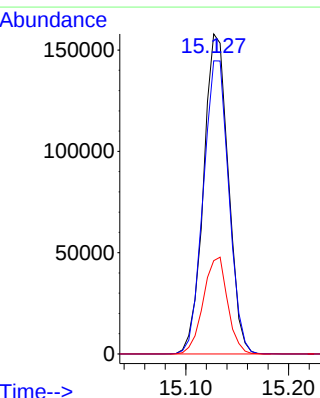


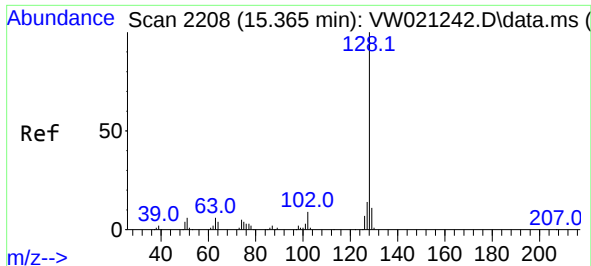
m/z-->

#70

1,2,4-trichlorobenzene
Concen: 107.296 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

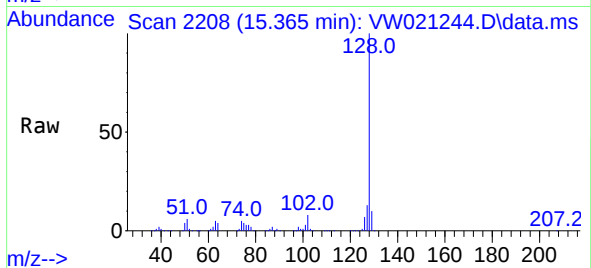
Tgt Ion:	180	Resp:	263599
Ion Ratio	Lower	Upper	
180	100		
182	94.6	79.0	118.6
145	29.7	26.0	39.0



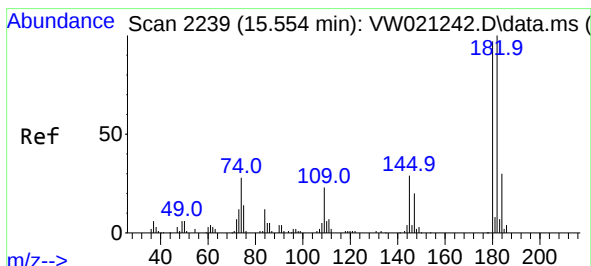
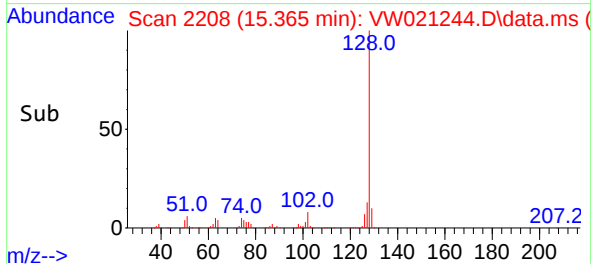
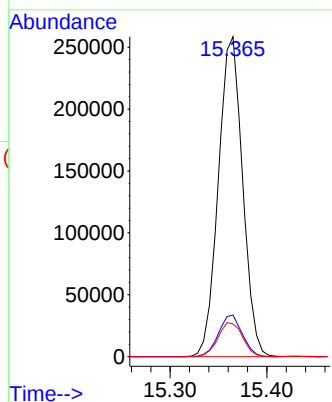


#71
Naphthalene
Concen: 98.539 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 449243
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 95.303 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW021244.D
Acq: 09 Dec 2021 13:34

Tgt Ion:180 Resp: 207793
Ion Ratio Lower Upper
180 100
182 99.3 76.6 114.8
145 32.7 27.4 41.0

