

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021178.D
 Acq On : 06 Dec 2021 18:48
 Operator : SY/VA
 Sample : M4888-07MS
 Misc : 6.85g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B3MS

Quant Time: Dec 07 01:53:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	111991	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	104008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38490	24.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.879	69	26664	25.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.120%
11) 1,1-Dichloroethene-d2	4.019	63	51960	20.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.074	46	17845	50.140	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.280%
24) Chloroform-d	7.647	84	65152	23.230	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.305	65	37162	24.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.880%
32) Benzene-d6	8.275	84	120602	22.678	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.275	67	35027	23.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.317	98	117951	21.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	10.573	79	15866	23.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.560%
47) 2-Hexanone-d5	10.921	63	15335	54.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33659	24.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	42937	22.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	15197	27.781	ug/L	95
3) Chloromethane	2.215	50	28167	23.001	ug/L	99
5) Vinyl chloride	2.355	62	47729	22.435	ug/L	98
6) Bromomethane	2.770	94	31800	22.480	ug/L	99
8) Chloroethane	2.916	64	20691	23.337	ug/L	97
9) Trichlorofluoromethane	3.245	101	16752	16.308	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32616	20.285	ug/L	93
12) 1,1-Dichloroethene	4.044	96	29162	20.061	ug/L	75
13) Acetone	4.123	43	12570	38.773	ug/L	91
14) Carbon disulfide	4.385	76	75655	18.750	ug/L	98
15) Methyl Acetate	4.666	43	13327	22.672	ug/L	# 89
16) Methylene chloride	4.909	84	33495	18.984	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	31430	20.307	ug/L	84
18) Methyl tert-butyl Ether	5.422	73	53912	23.079	ug/L	94
19) 1,1-Dichloroethane	6.208	63	51222	20.871	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	33537	20.424	ug/L	73
22) 2-Butanone	7.171	43	18814	41.935	ug/L	89
23) Bromochloromethane	7.519	128	16496	21.471	ug/L	# 62
25) Chloroform	7.677	83	57934	21.029	ug/L	96

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 Response via : Initial Calibration

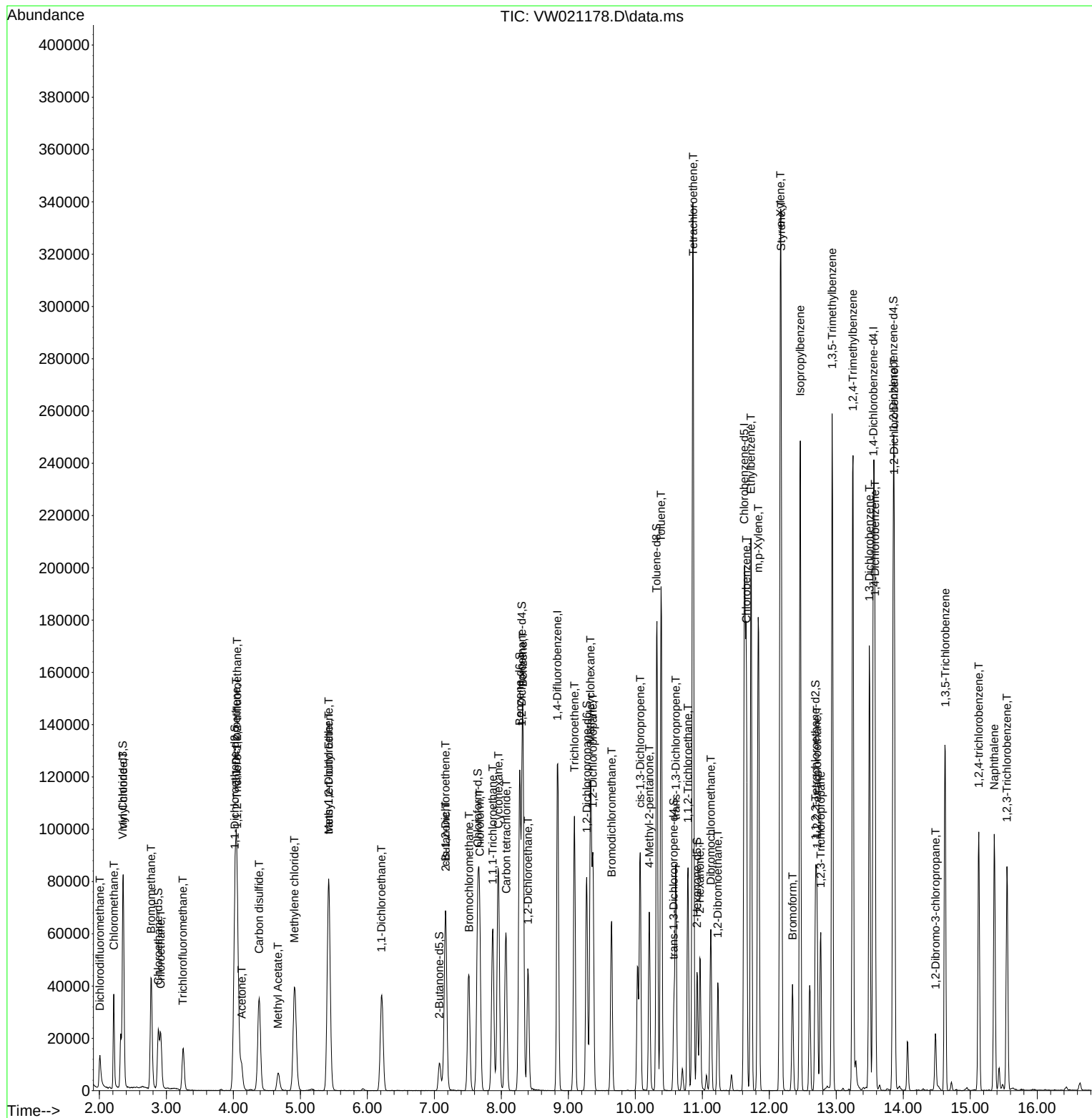
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41456	23.004	ug/L	96
29) Cyclohexane	7.958	56	44154	19.244	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	49620	20.461	ug/L	95
31) Carbon tetrachloride	8.074	117	45123	20.024	ug/L	99
33) Benzene	8.323	78	121645	20.567	ug/L	100
34) Trichloroethene	9.092	95	34395	21.079	ug/L	95
35) Methylcyclohexane	9.329	83	49537	18.036	ug/L	85
37) 1,2-Dichloropropane	9.366	63	29008	21.700	ug/L #	96
38) Bromodichloromethane	9.646	83	41302	21.979	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	46810	21.648	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41348	45.403	ug/L #	92
42) Toluene	10.384	91	137973	20.424	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	42395	21.671	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25600	22.842	ug/L	94
46) Tetrachloroethene	10.866	164	75834	50.753	ug/L	88
48) 2-Hexanone	10.963	43	31032	47.237	ug/L #	94
49) Dibromochloromethane	11.128	129	30645	21.878	ug/L	90
50) 1,2-Dibromoethane	11.232	107	26072	22.812	ug/L	97
51) Chlorobenzene	11.658	112	87453	19.374	ug/L	91
52) Ethylbenzene	11.725	91	147503	19.395	ug/L	98
53) m,p-Xylene	11.835	106	59671	18.966	ug/L	90
54) o-Xylene	12.164	106	60457	20.381	ug/L	96
55) Styrene	12.176	104	103661	20.511	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	30481	22.611	ug/L #	90
59) Bromoform	12.347	173	17813	23.269	ug/L #	98
60) Isopropylbenzene	12.463	105	156193	20.936	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	22943	25.514	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	131718	21.083	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	133124	21.186	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	65407	18.620	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	66971	18.864	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	63472	20.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5089	25.062	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	41281	15.990	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	30227	14.248	ug/L	99
71) Naphthalene	15.359	128	83162	21.087	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	28411	15.345	ug/L	98

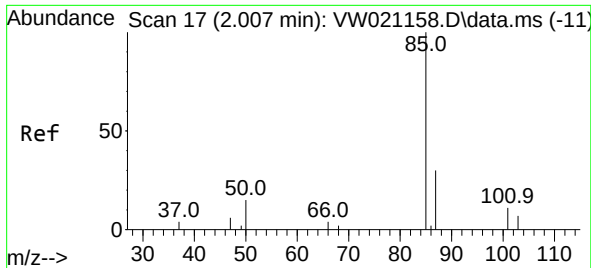
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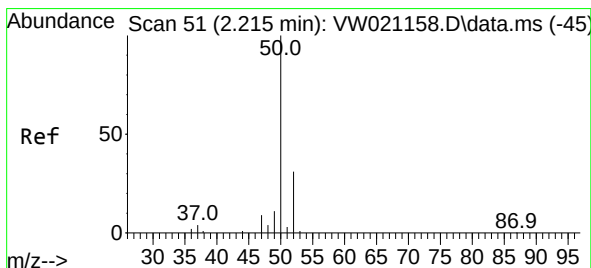
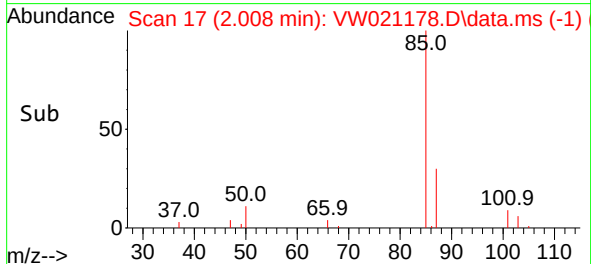
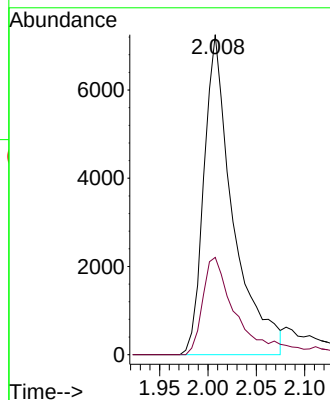
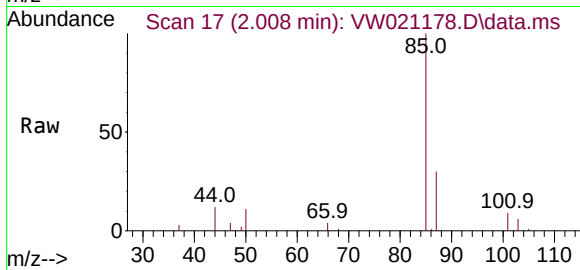




#2
 Dichlorodifluoromethane
 Concen: 27.781 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

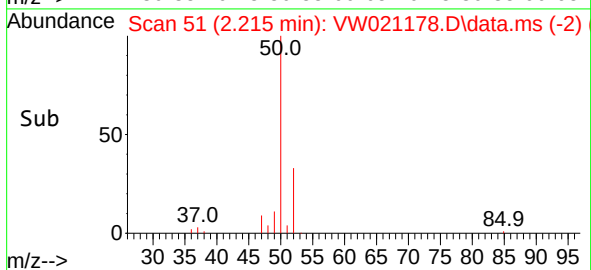
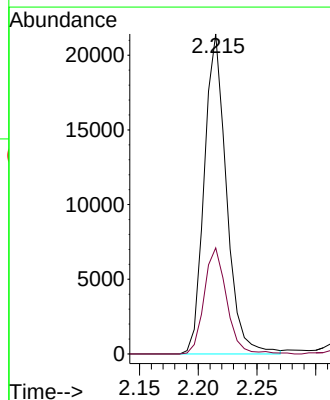
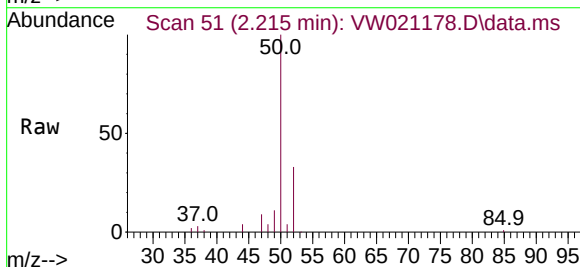
Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B3MS

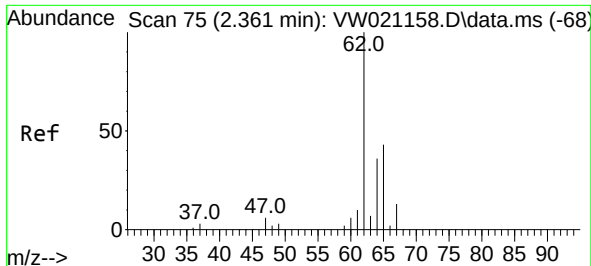
Tgt Ion: 85 Resp: 15197
 Ion Ratio Lower Upper
 85 100
 87 35.0 25.8 38.6



#3
 Chloromethane
 Concen: 23.001 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

Tgt Ion: 50 Resp: 28167
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6

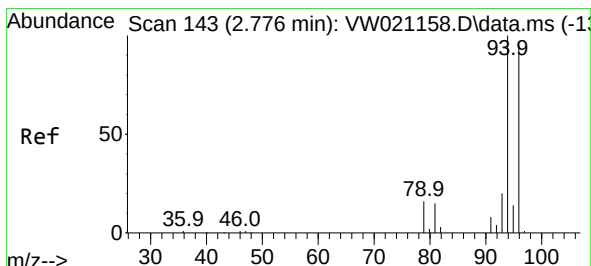
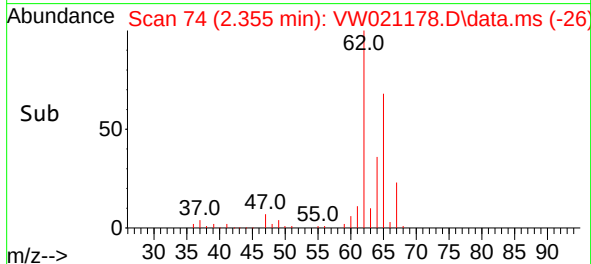
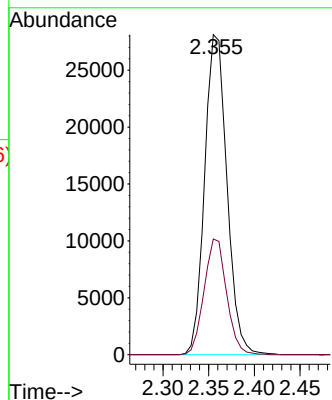
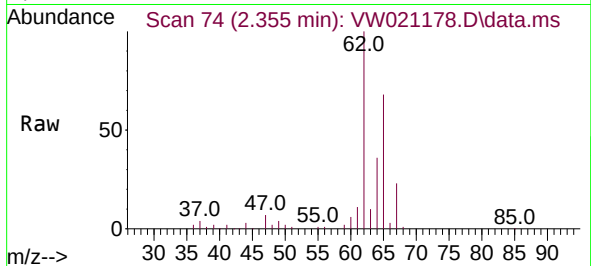




#5
 Vinyl chloride
 Concen: 22.435 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

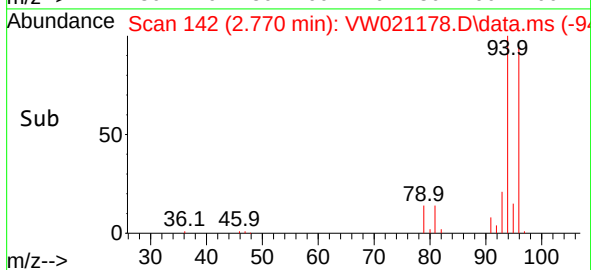
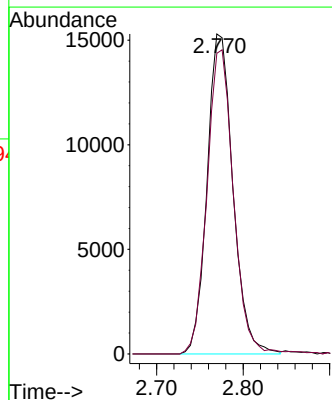
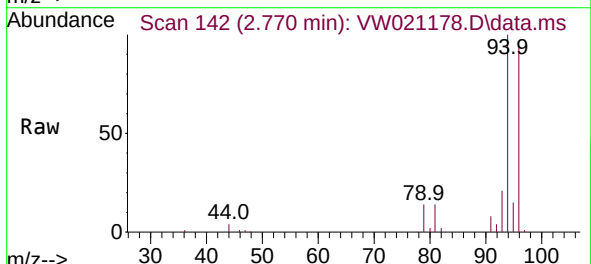
Instrument :
 MSVOA_W
 ClientSampleId :
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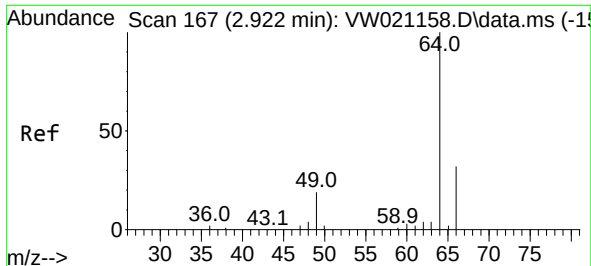
Tgt Ion: 62 Resp: 47729
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 22.480 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

Tgt Ion: 94 Resp: 31800
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.4

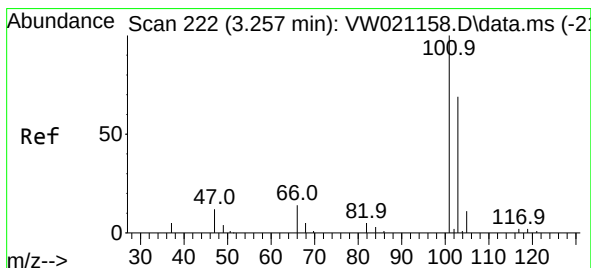
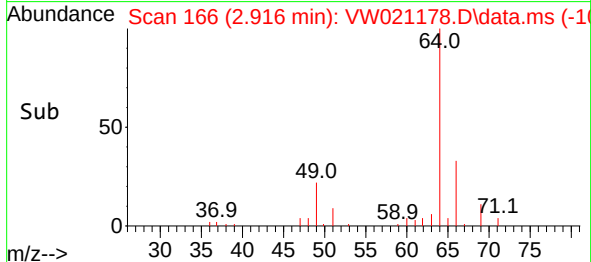
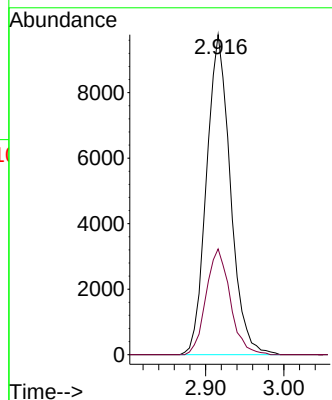
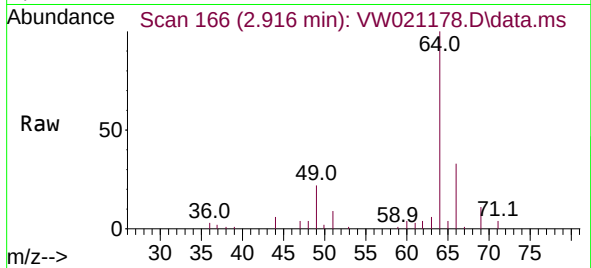




#8
Chloroethane
Concen: 23.337 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

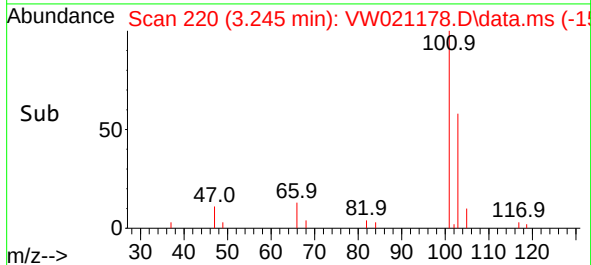
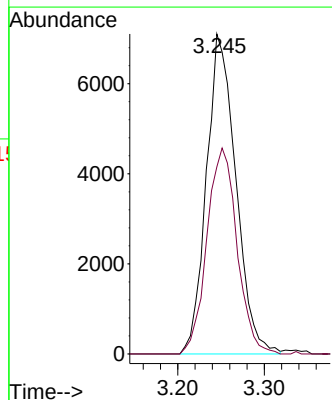
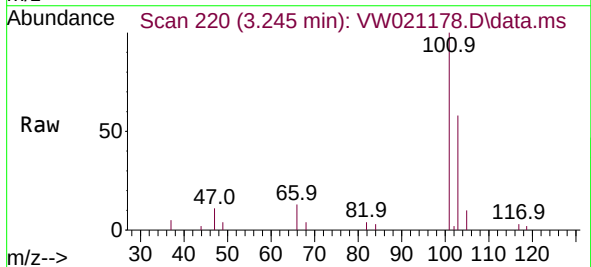
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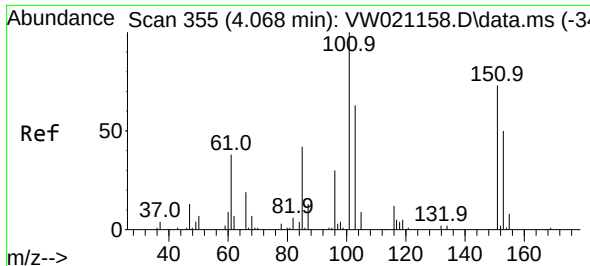
Tgt Ion: 64 Resp: 20691
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 16.308 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.012 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 101 Resp: 16752
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

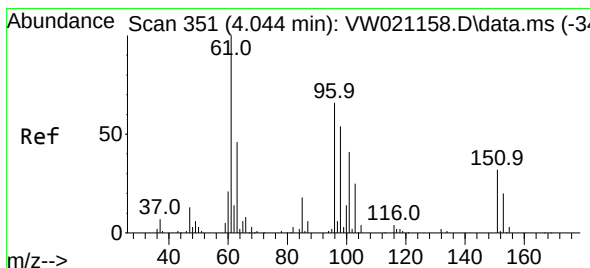
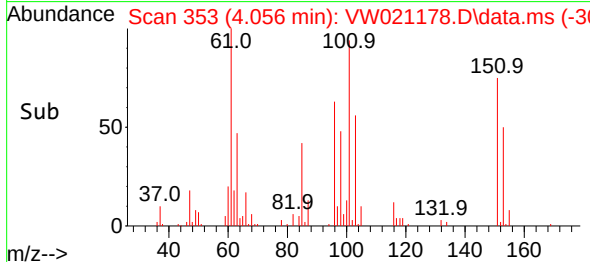
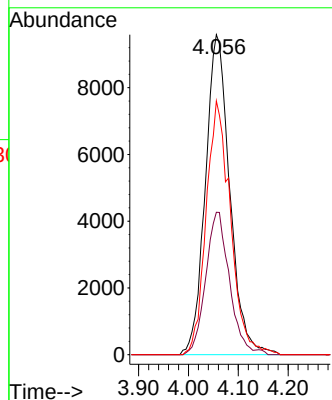
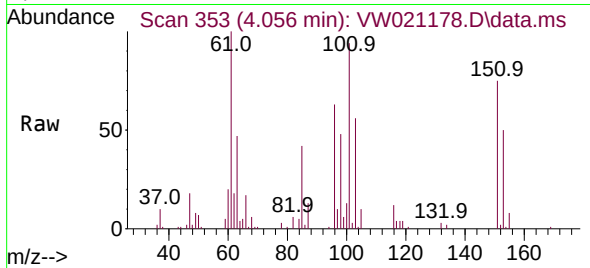




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.285 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

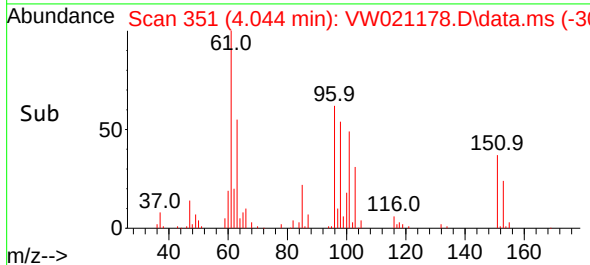
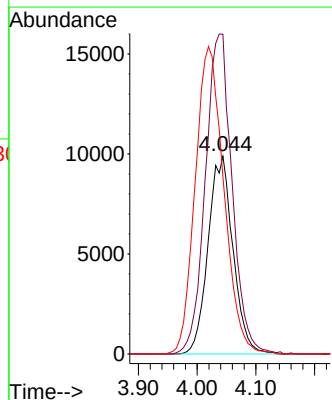
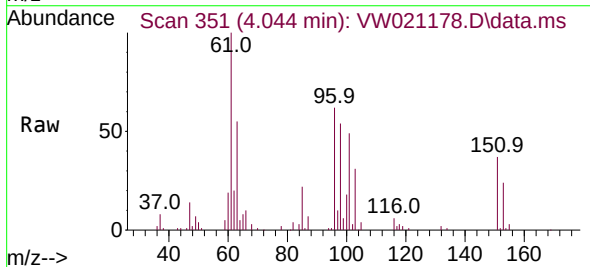
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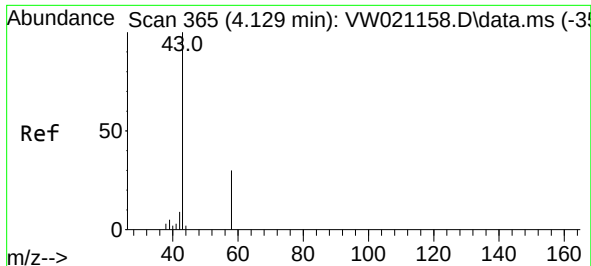
Tgt Ion:101 Resp: 32616
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.6 54.8
 151 78.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 20.061 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW021178.D
 Acq: 06 Dec 2021 18:48

Tgt Ion: 96 Resp: 29162
 Ion Ratio Lower Upper
 96 100
 61 161.7 138.3 256.9
 63 89.5 82.6 153.4





#13

Acetone

Concen: 38.773 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

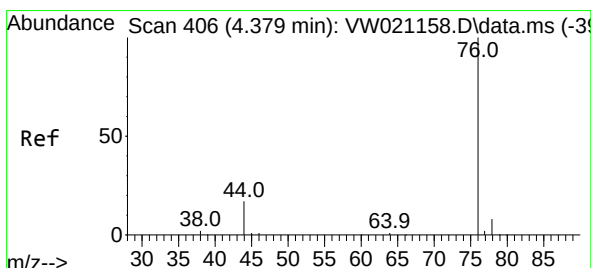
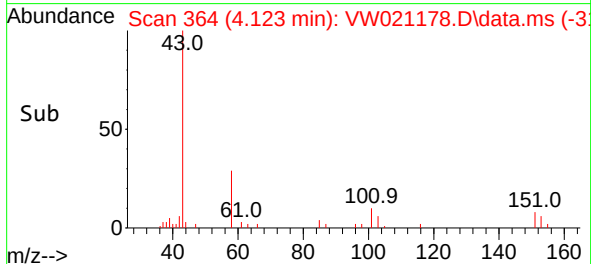
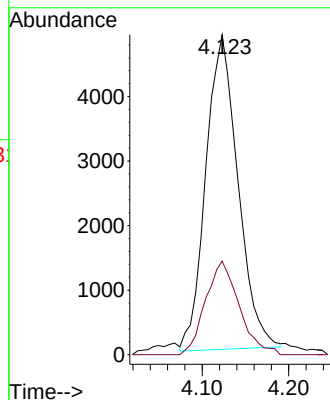
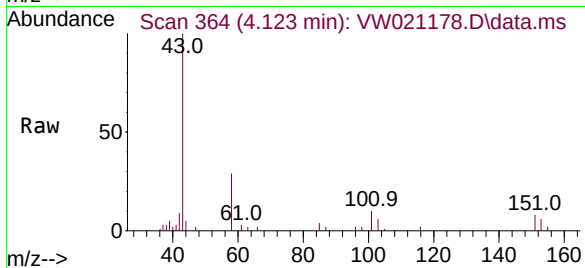
EX8B3MS

Tgt Ion: 43 Resp: 12570

Ion Ratio Lower Upper

43 100

58 30.8 0.0 52.8



#14

Carbon disulfide

Concen: 18.750 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021178.D

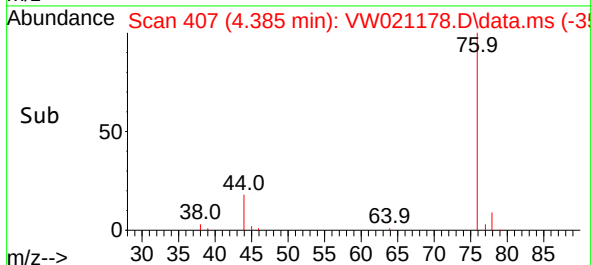
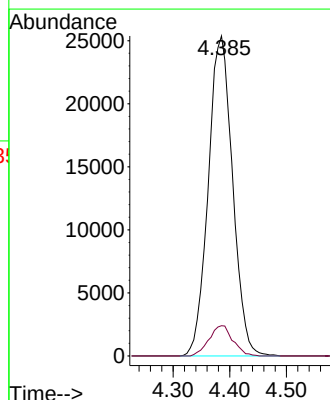
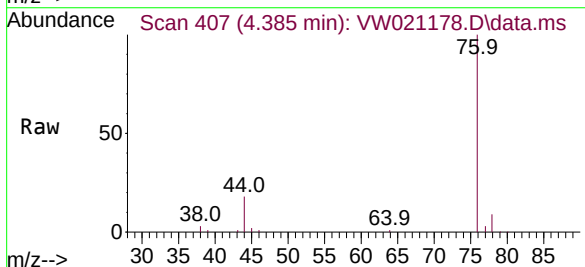
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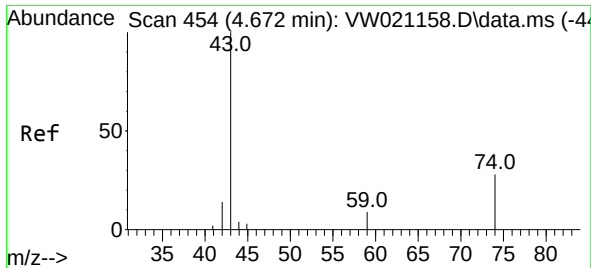
Tgt Ion: 76 Resp: 75655

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

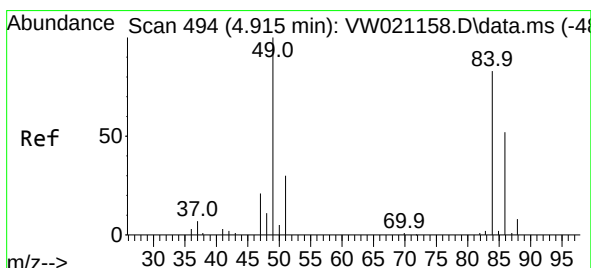
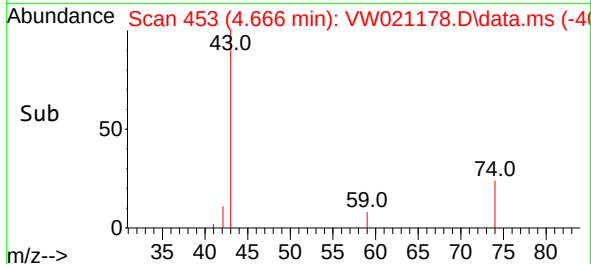
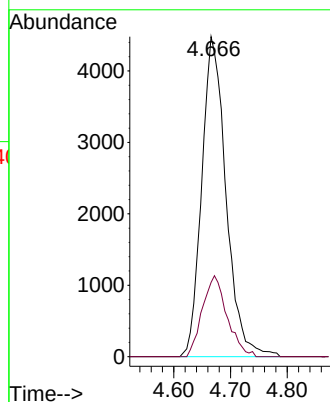
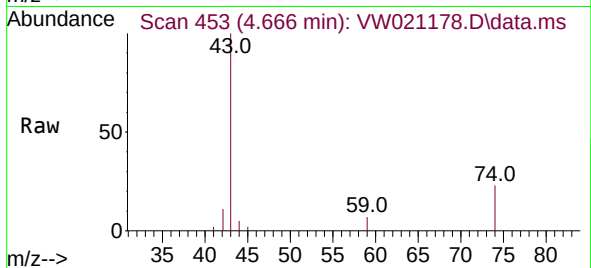




#15
Methyl Acetate
Concen: 22.672 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

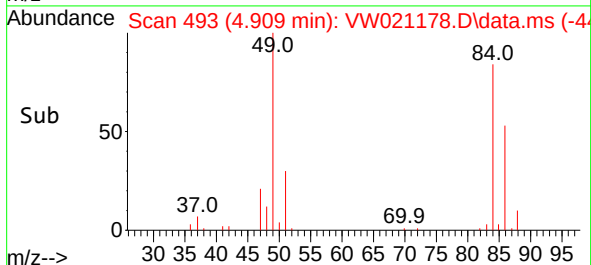
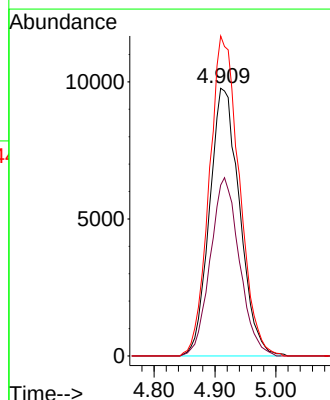
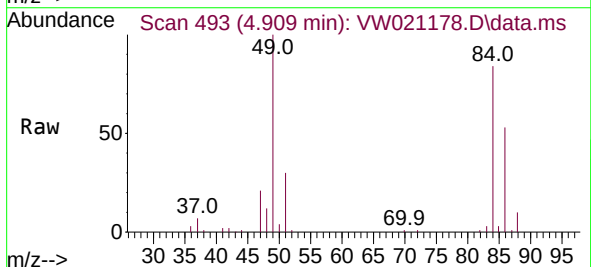
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

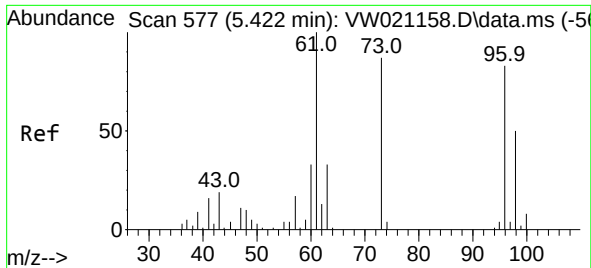
Tgt Ion: 43 Resp: 13327
Ion Ratio Lower Upper
43 100
74 25.5 16.4 24.6#



#16
Methylene chloride
Concen: 18.984 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 84 Resp: 33495
Ion Ratio Lower Upper
84 100
86 63.9 45.5 84.5
49 119.6 100.5 186.7

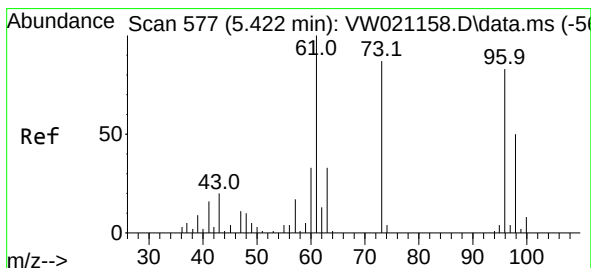
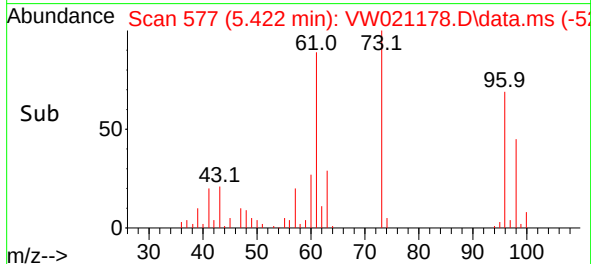
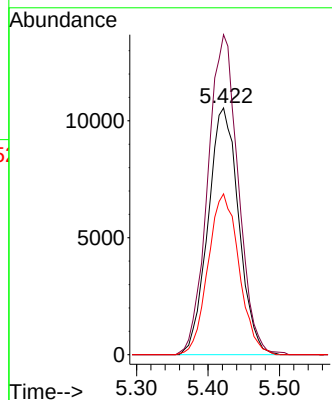
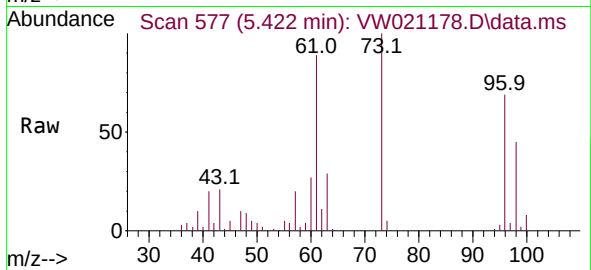




#17
trans-1,2-Dichloroethene
Concen: 20.307 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

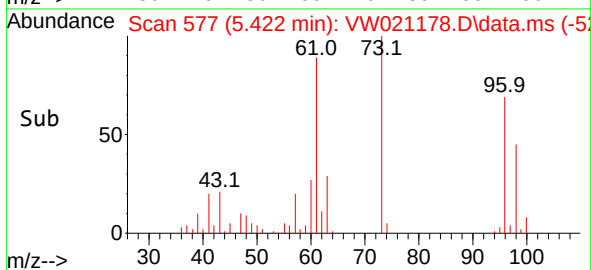
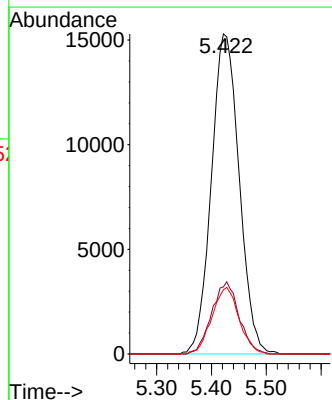
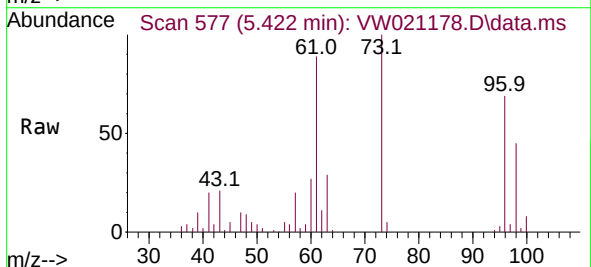
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

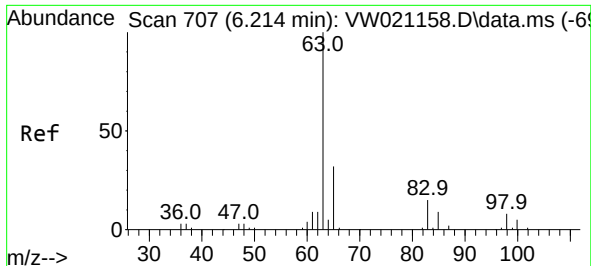
Tgt Ion: 96 Resp: 31430
Ion Ratio Lower Upper
96 100
61 129.7 107.4 199.4
98 65.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.079 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 73 Resp: 53912
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 20.871 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

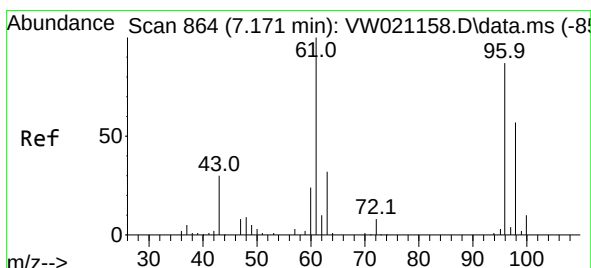
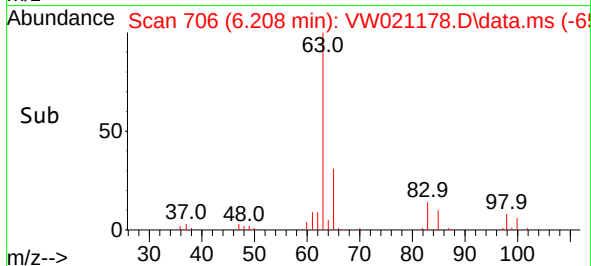
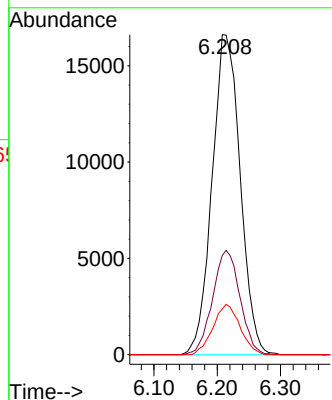
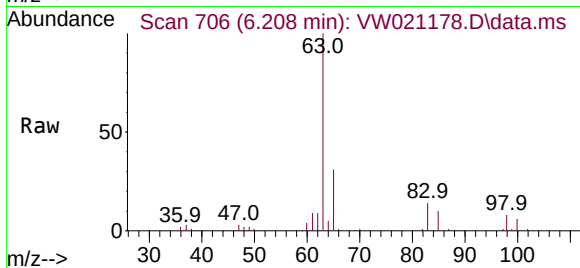
Tgt Ion: 63 Resp: 51222

Ion Ratio Lower Upper

63 100

65 31.0 22.1 41.1

83 14.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 20.424 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

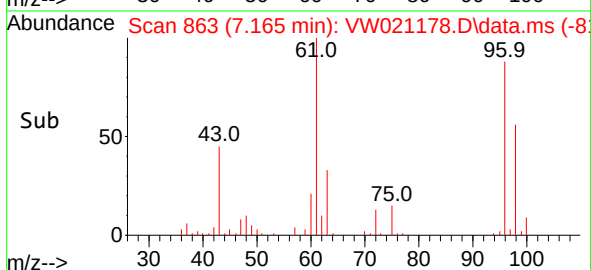
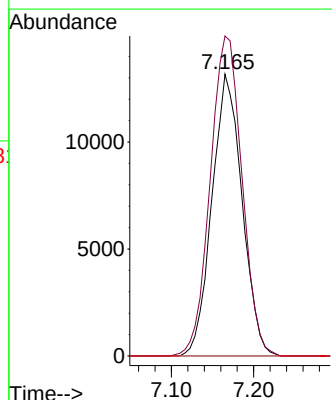
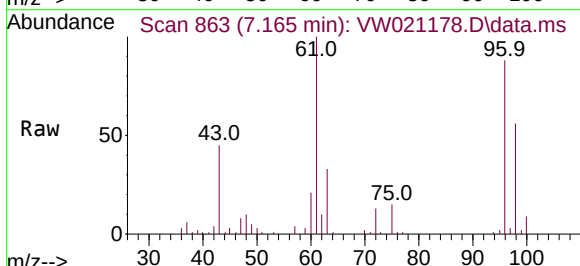
Tgt Ion: 96 Resp: 33537

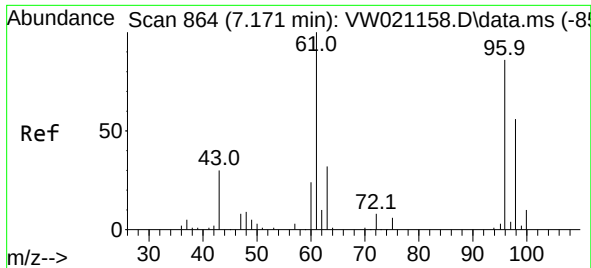
Ion Ratio Lower Upper

96 100

61 113.6 103.7 192.7

68 0.0 0.0 0.0

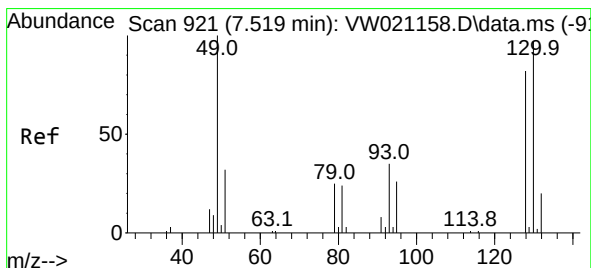
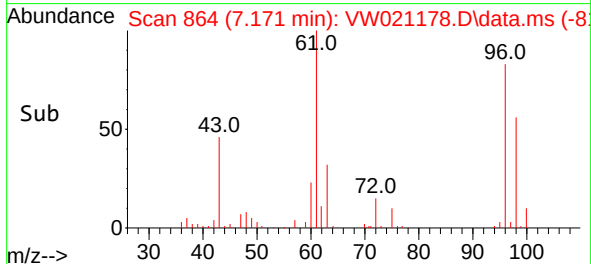
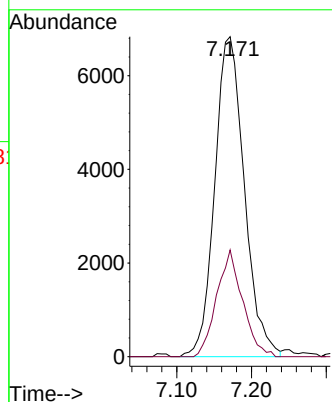
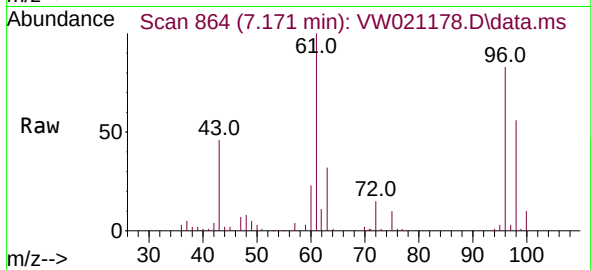




#22
2-Butanone
Concen: 41.935 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

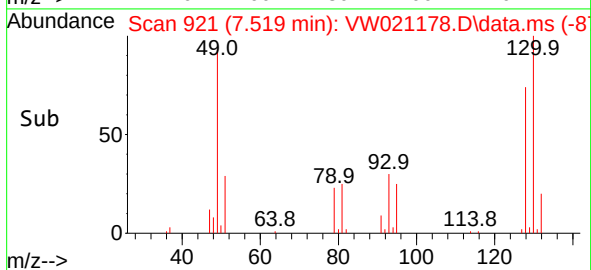
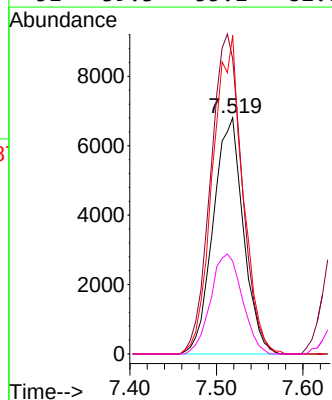
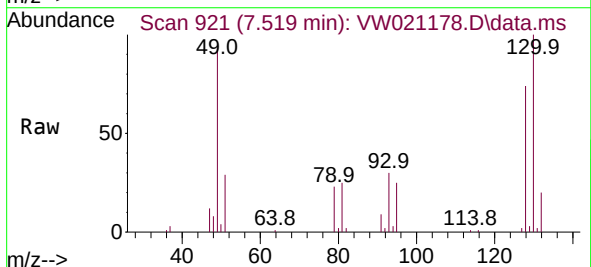
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

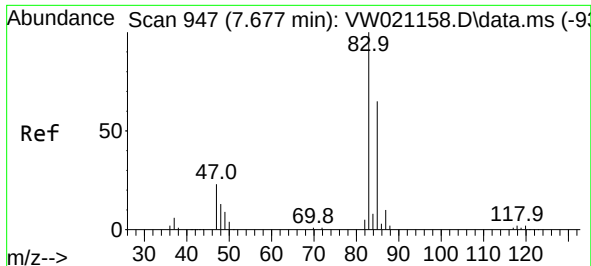
Tgt Ion: 43 Resp: 18814
Ion Ratio Lower Upper
43 100
72 29.2 11.8 35.4



#23
Bromochloromethane
Concen: 21.471 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 128 Resp: 16496
Ion Ratio Lower Upper
128 100
49 125.0 150.3 279.1#
130 134.9 88.3 163.9
51 39.3 55.1 82.7#

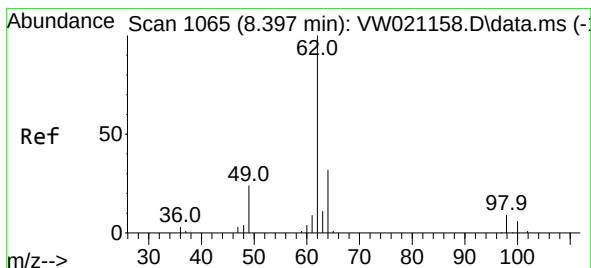
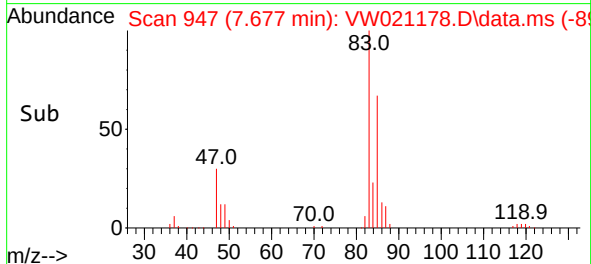
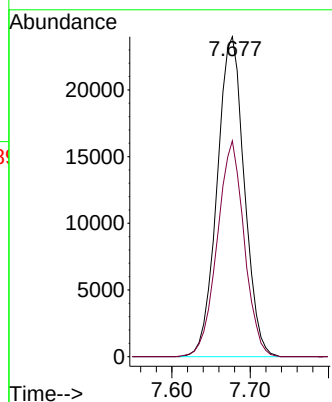
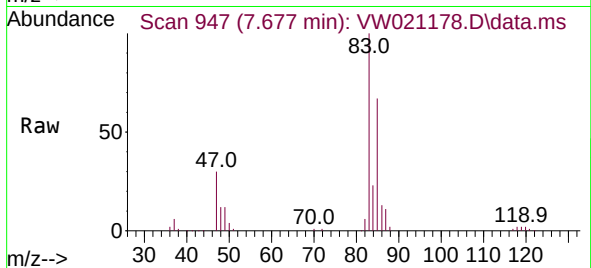




#25
Chloroform
Concen: 21.029 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

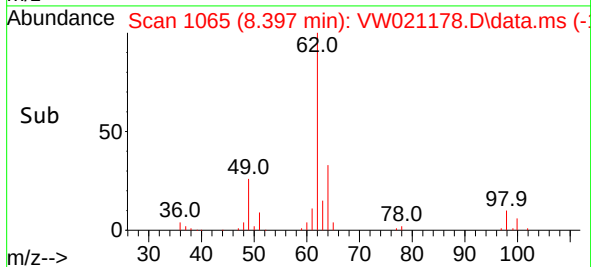
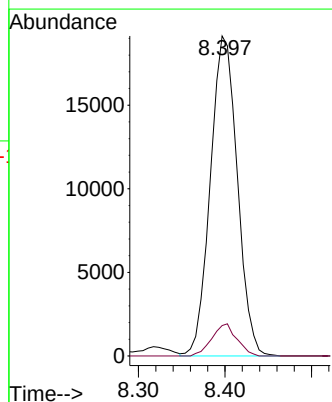
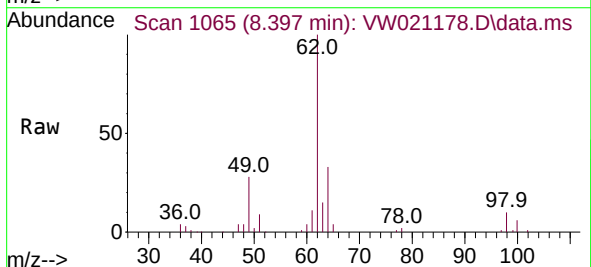
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

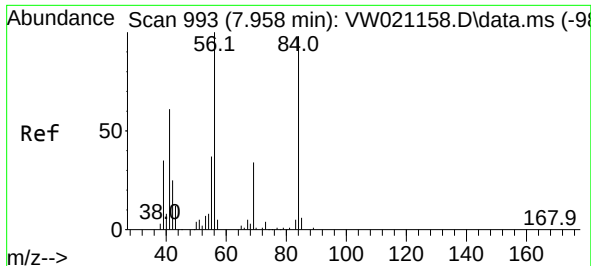
Tgt Ion: 83 Resp: 57934
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.004 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 62 Resp: 41456
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 19.244 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

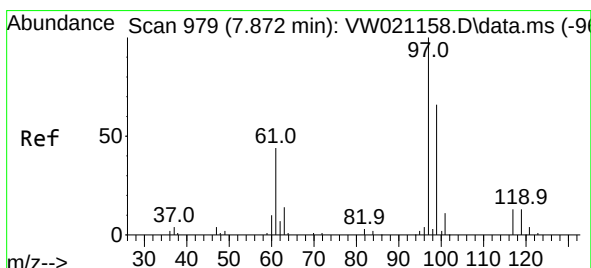
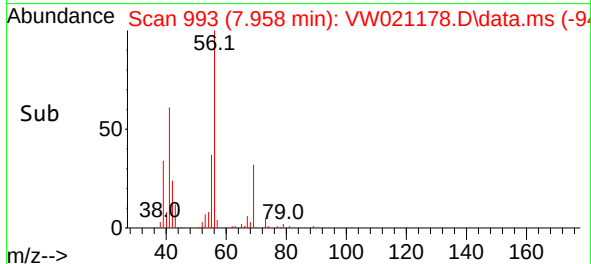
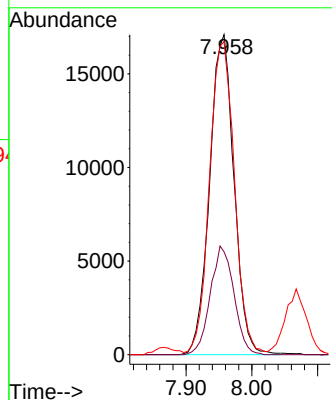
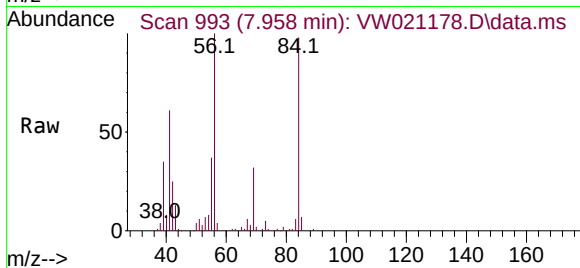
Tgt Ion: 56 Resp: 44154

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 99.9 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 20.461 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

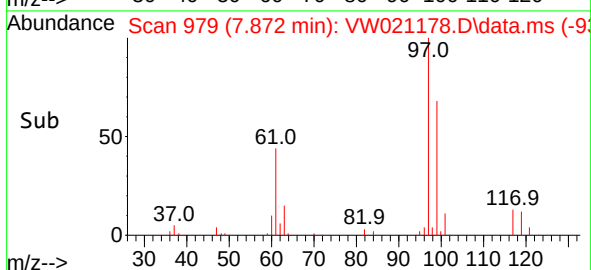
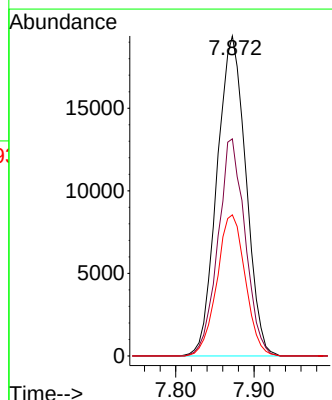
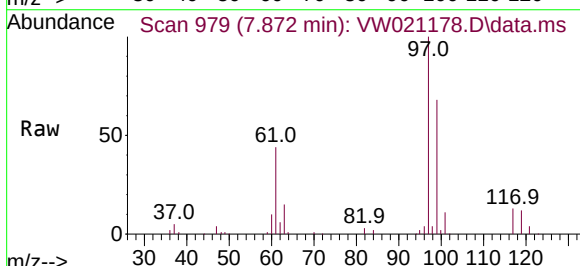
Tgt Ion: 97 Resp: 49620

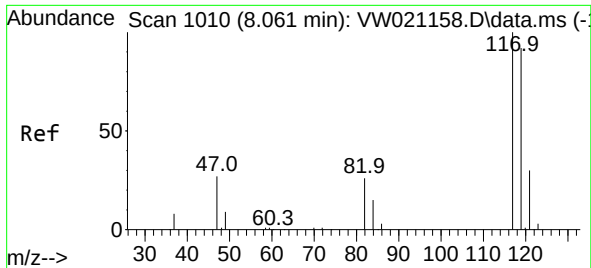
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

61 43.3 40.9 61.3

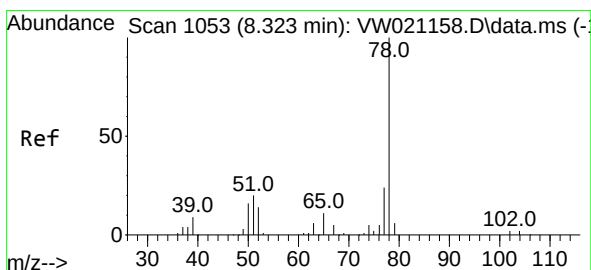
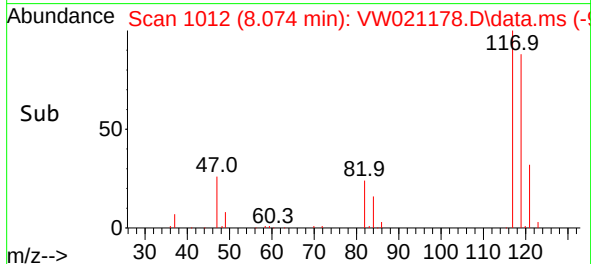
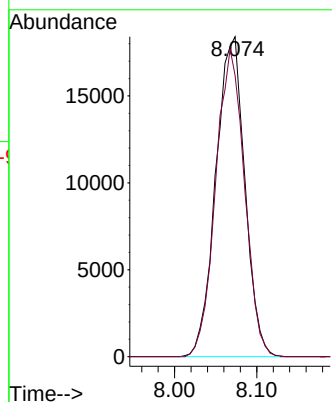
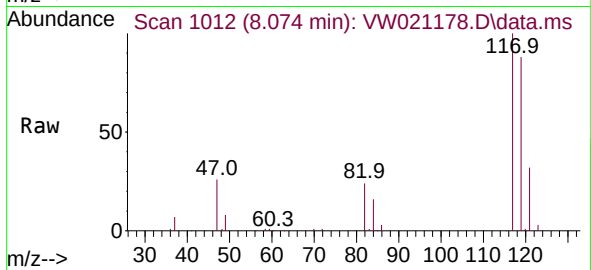




#31
Carbon tetrachloride
Concen: 20.024 ug/L
RT: 8.074 min Scan# 1010
Delta R.T. 0.012 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

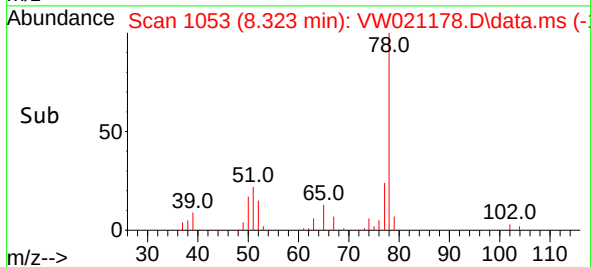
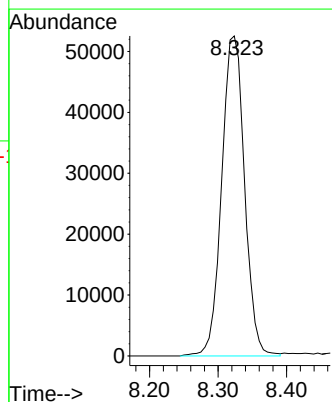
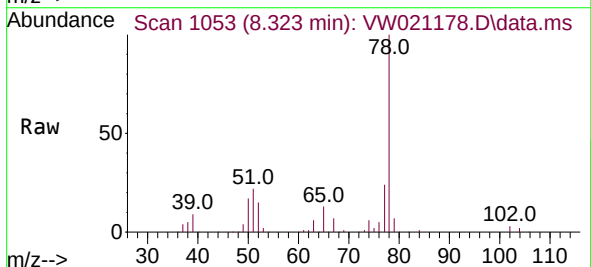
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

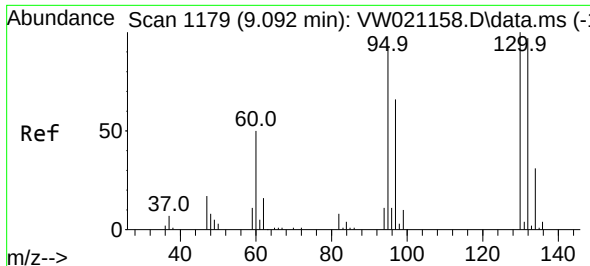
Tgt Ion:117 Resp: 45123
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5



#33
Benzene
Concen: 20.567 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 78 Resp: 121645

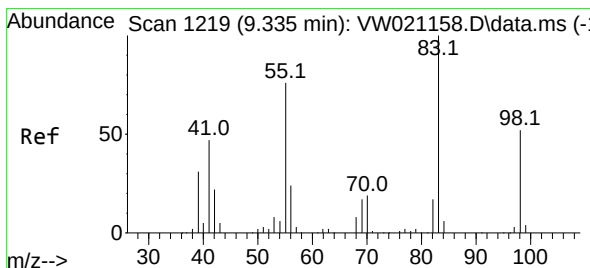
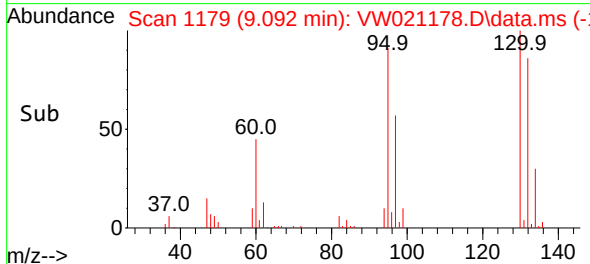
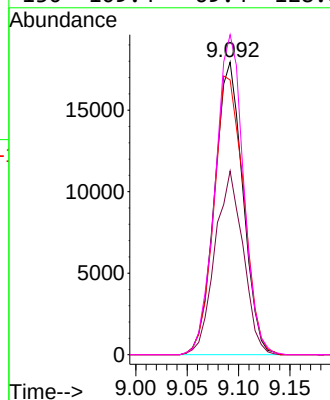
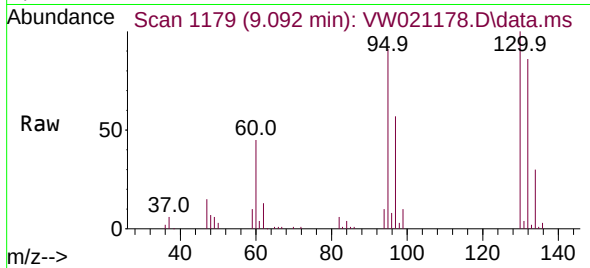




#34
Trichloroethene
Concen: 21.079 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

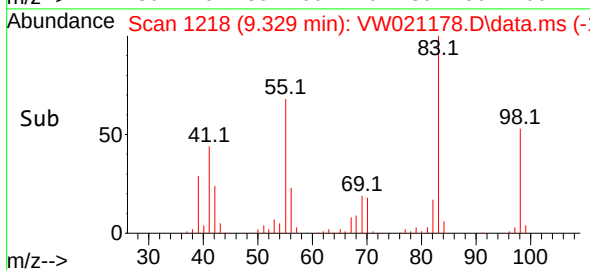
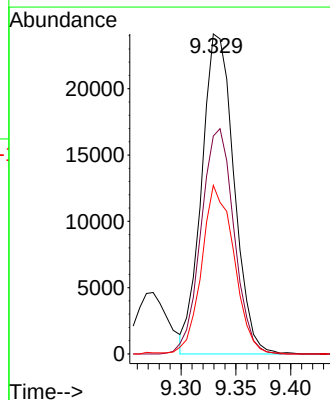
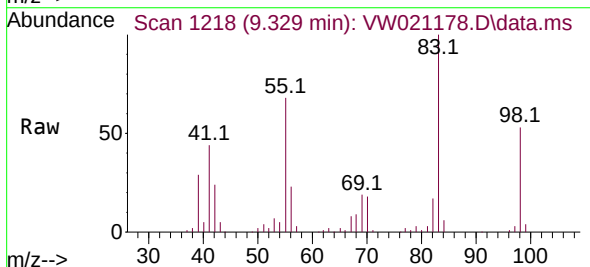
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

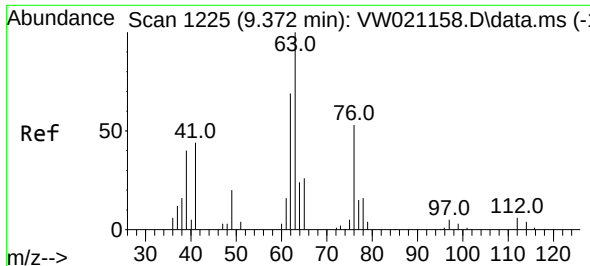
Tgt Ion: 95 Resp: 34395
Ion Ratio Lower Upper
95 100
97 62.8 47.0 87.2
132 93.9 65.5 121.6
130 109.4 69.4 128.8



#35
Methylcyclohexane
Concen: 18.036 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 83 Resp: 49537
Ion Ratio Lower Upper
83 100
55 71.6 70.8 106.2
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 21.700 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

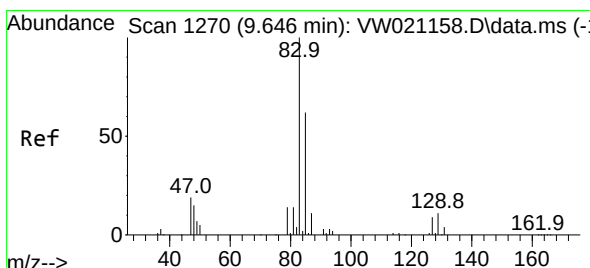
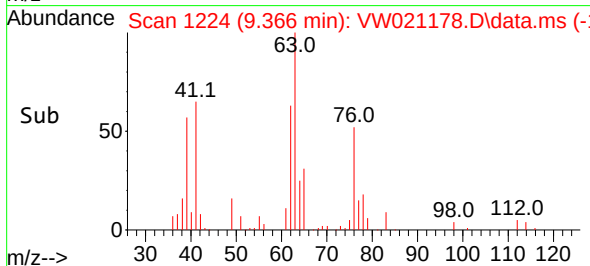
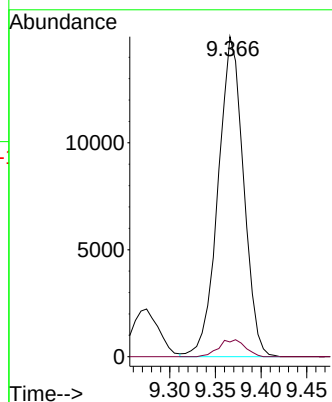
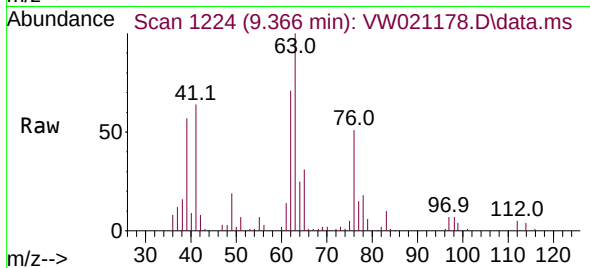
EX8B3MS

Tgt Ion: 63 Resp: 29008

Ion Ratio Lower Upper

63 100

112 2.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 21.979 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

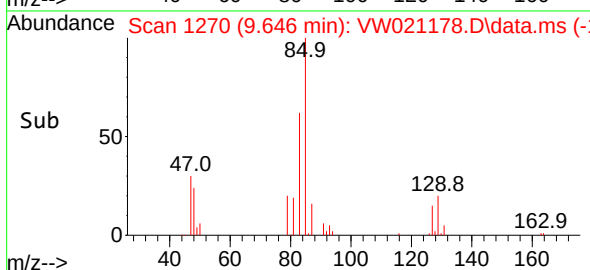
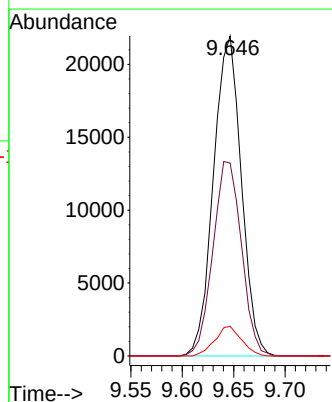
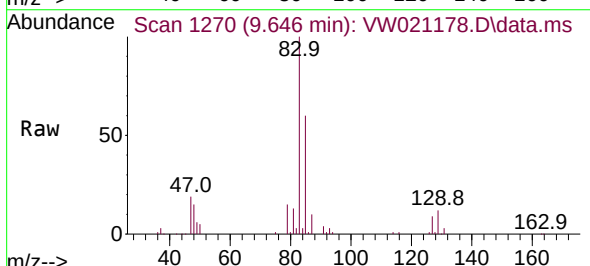
Tgt Ion: 83 Resp: 41302

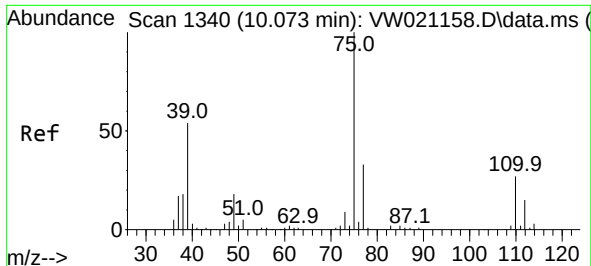
Ion Ratio Lower Upper

83 100

85 60.3 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 21.648 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

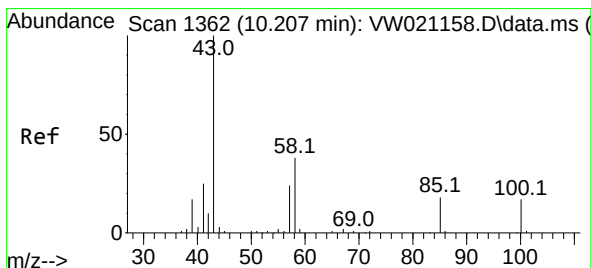
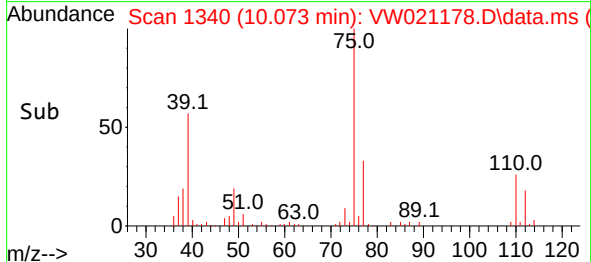
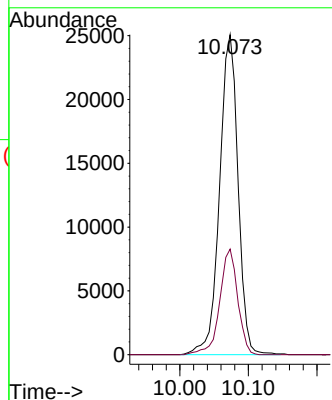
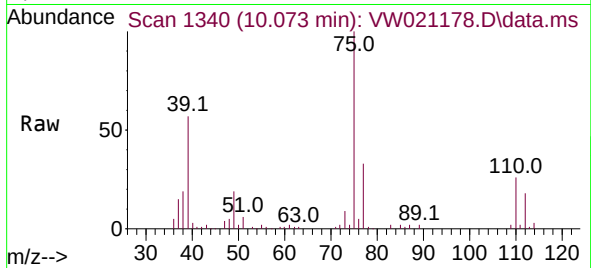
EX8B3MS

Tgt Ion: 75 Resp: 46810

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.403 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

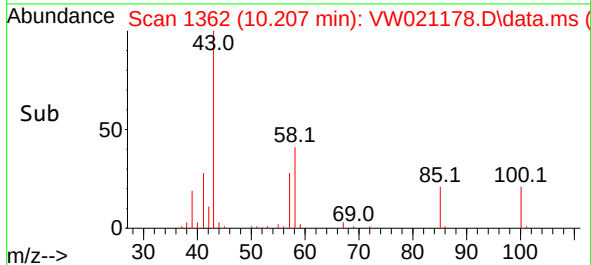
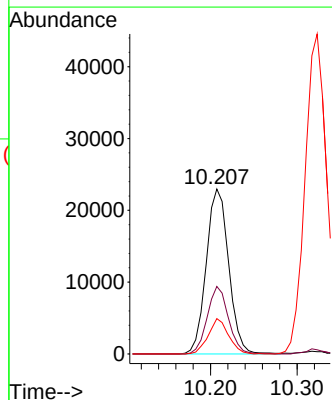
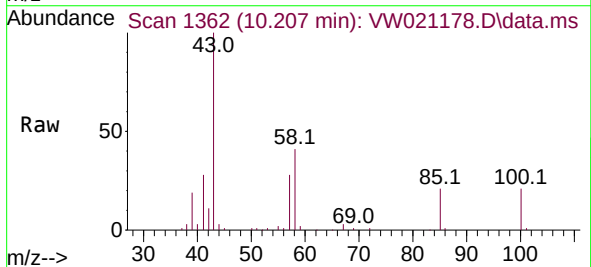
Tgt Ion: 43 Resp: 41348

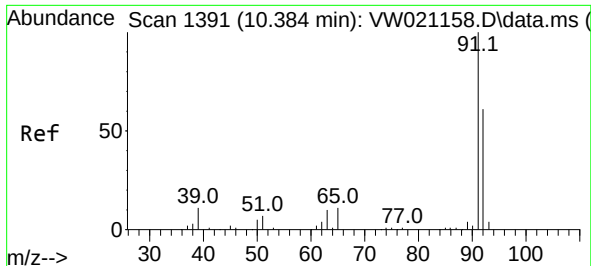
Ion Ratio Lower Upper

43 100

58 38.5 28.8 43.2

100 19.4 10.0 15.0#

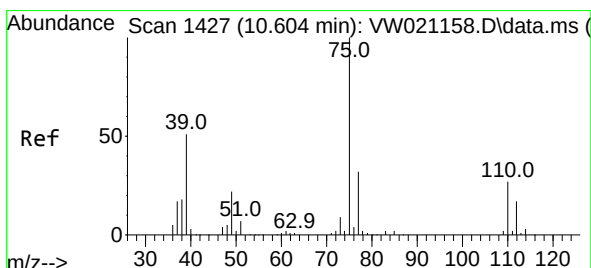
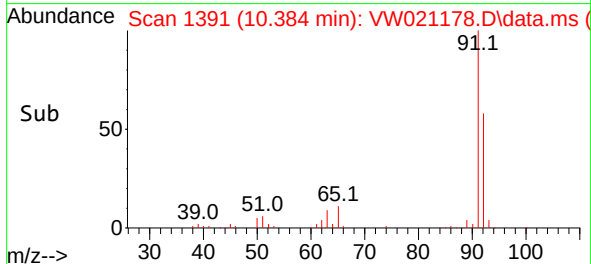
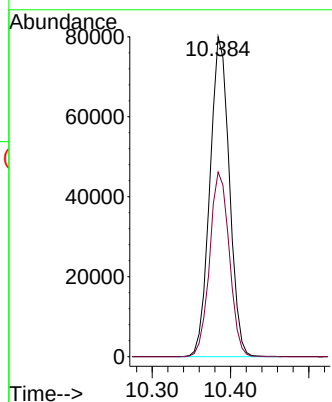
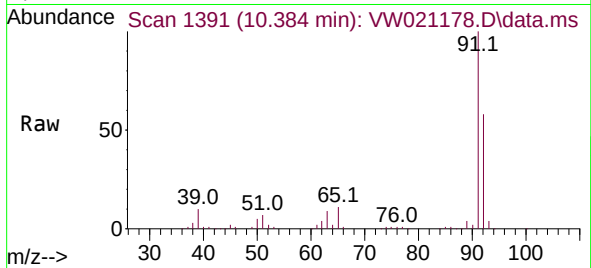




#42
Toluene
Concen: 20.424 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

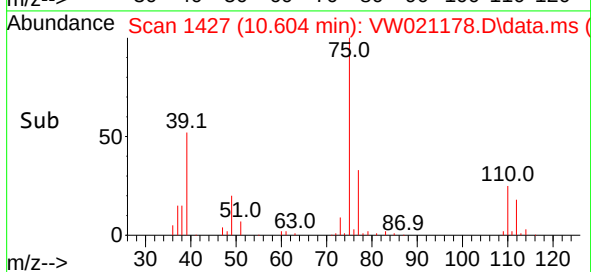
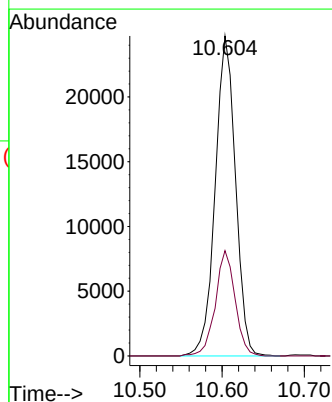
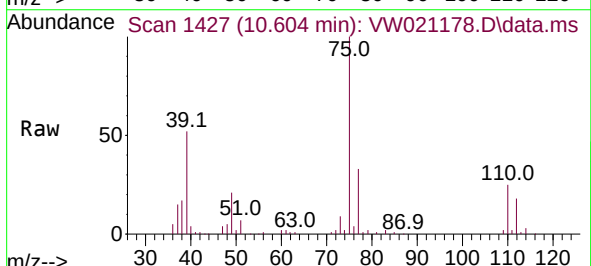
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

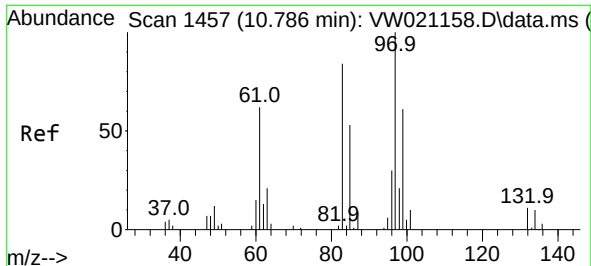
Tgt Ion: 91 Resp: 137973
Ion Ratio Lower Upper
91 100
92 57.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 21.671 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 75 Resp: 42395
Ion Ratio Lower Upper
75 100
77 32.9 22.2 41.2

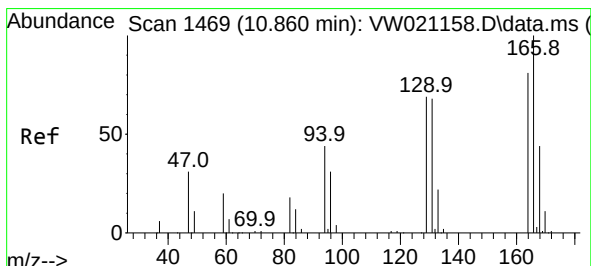
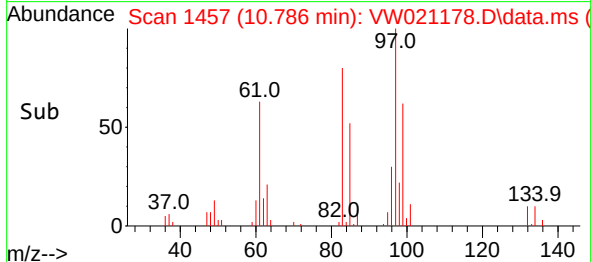
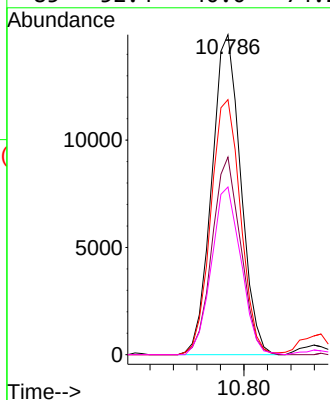
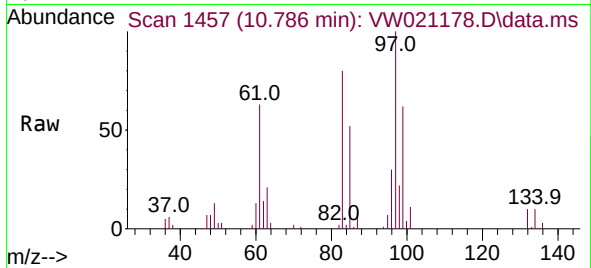




#45
1,1,2-Trichloroethane
Concen: 22.842 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

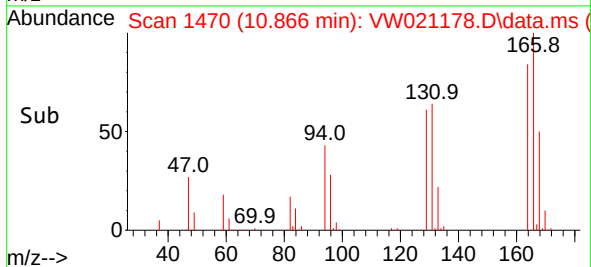
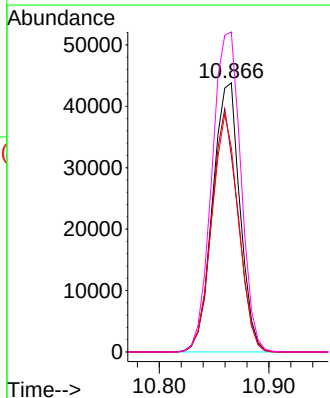
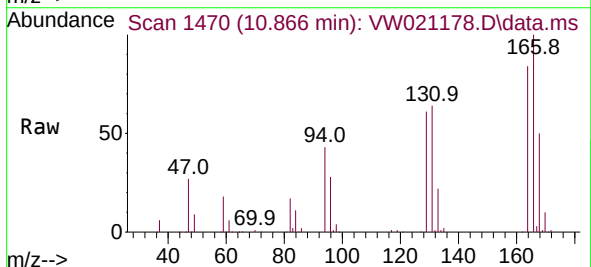
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

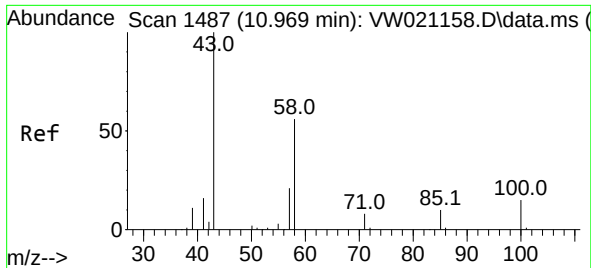
Tgt Ion:	97	Resp:	25600
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	79.8
83	79.7	62.6	116.3
85	52.4	40.0	74.2



#46
Tetrachloroethene
Concen: 50.753 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:	164	Resp:	75834
Ion	Ratio	Lower	Upper
164	100		
129	73.0	65.5	121.7
131	76.1	59.7	110.9
166	118.9	88.7	164.7

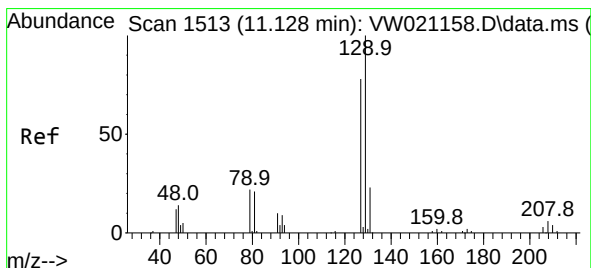
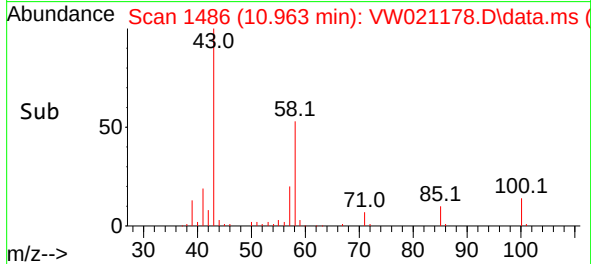
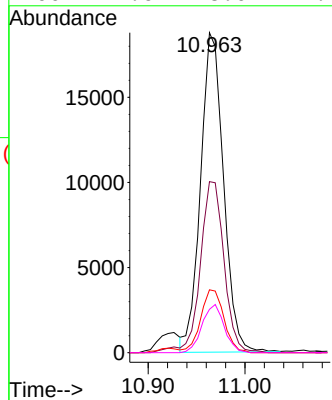
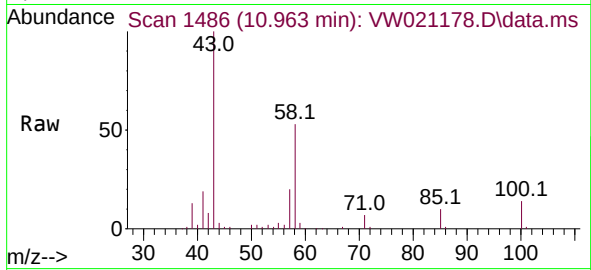




#48
2-Hexanone
Concen: 47.237 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

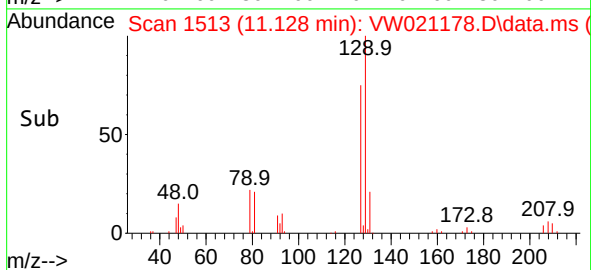
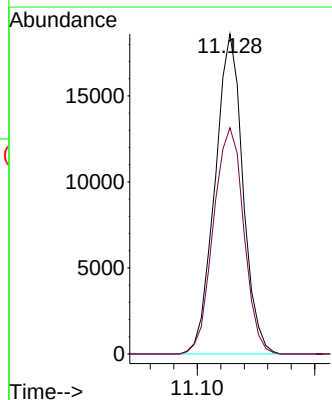
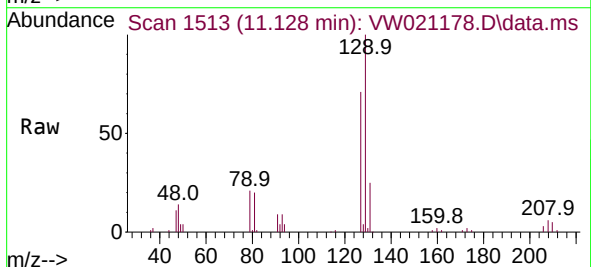
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

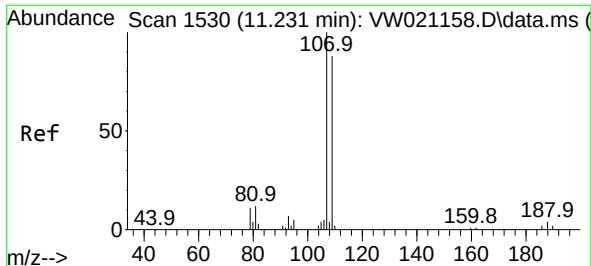
Tgt Ion: 43	Resp: 31032
Ion Ratio	Lower Upper
43 100	
58 54.2	40.2 60.2
57 19.9	14.3 21.5
100 14.6	8.0 12.0#



#49
Dibromochloromethane
Concen: 21.878 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:129	Resp: 30645		
Ion Ratio	Lower	Upper	
129 100			
127 70.7	55.7	103.5	





#50

1,2-Dibromoethane

Concen: 22.812 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

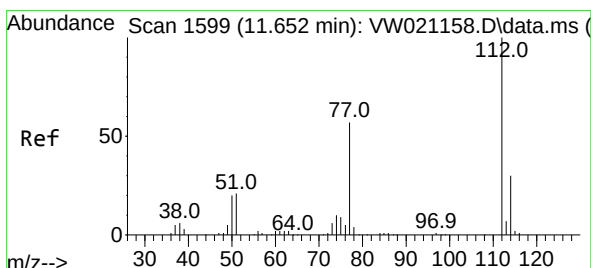
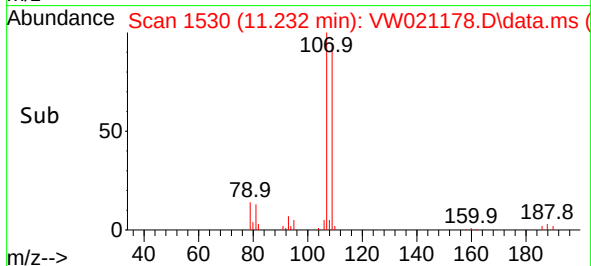
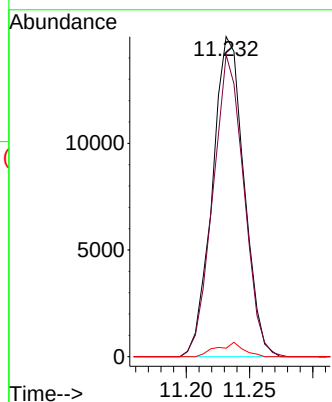
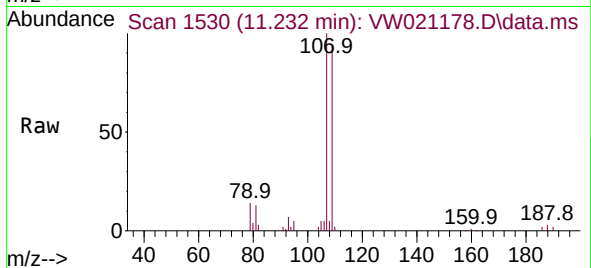
Tgt Ion:107 Resp: 26072

Ion Ratio Lower Upper

107 100

109 94.4 64.1 119.1

188 2.6 2.6 3.8



#51

Chlorobenzene

Concen: 19.374 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

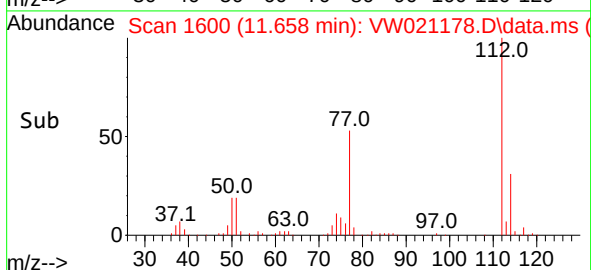
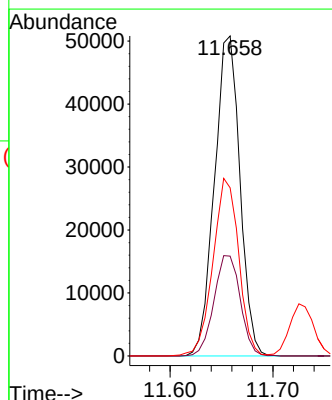
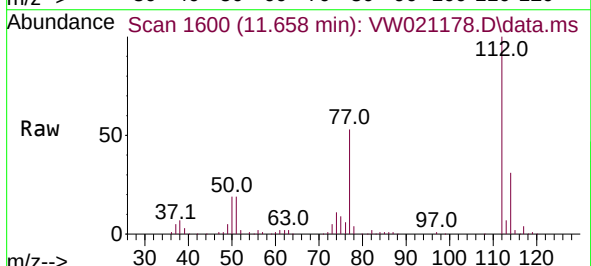
Tgt Ion:112 Resp: 87453

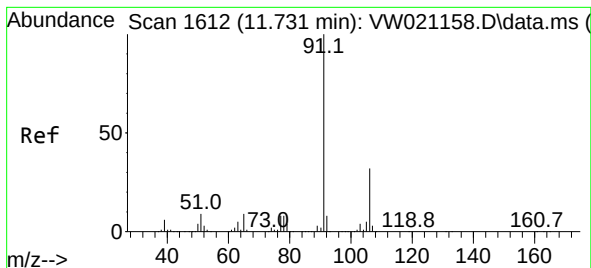
Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 52.6 50.2 75.4

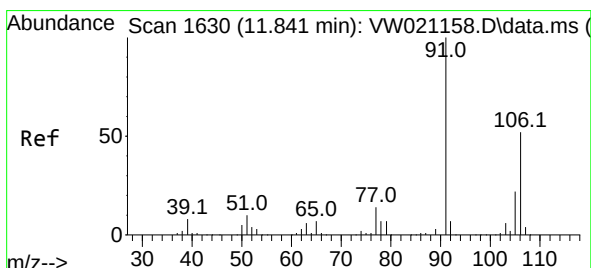
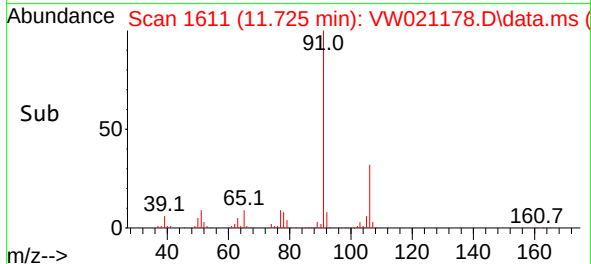
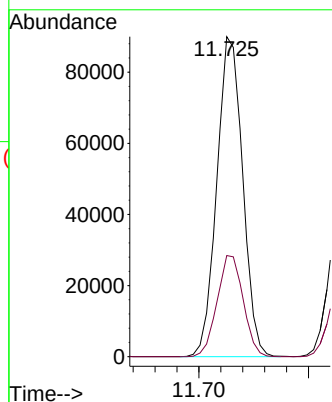
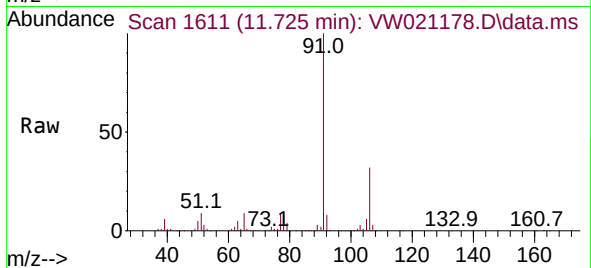




#52
Ethylbenzene
Concen: 19.395 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

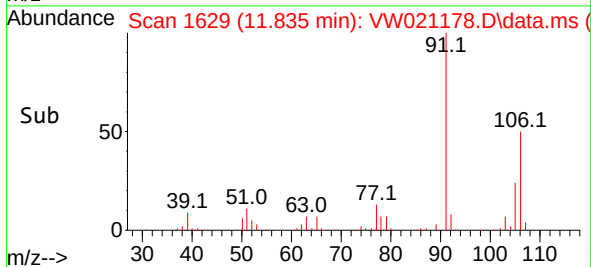
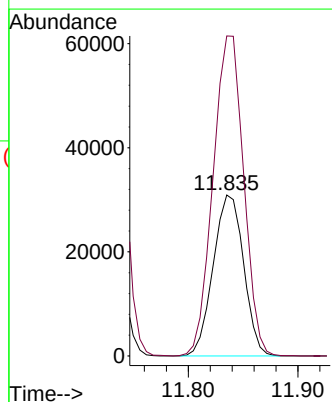
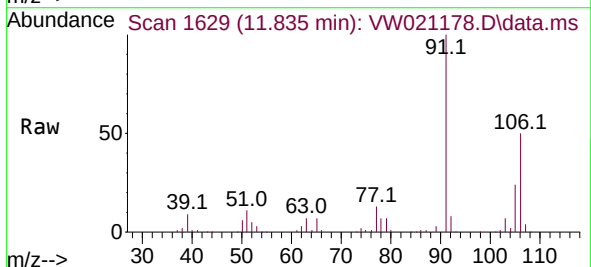
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

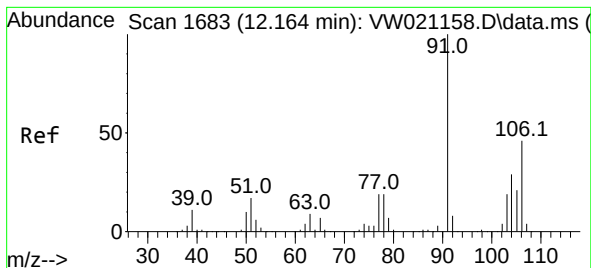
Tgt Ion: 91 Resp: 147503
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 18.966 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion: 106 Resp: 59671
Ion Ratio Lower Upper
106 100
91 198.8 149.9 278.3





#54

o-Xylene

Concen: 20.381 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

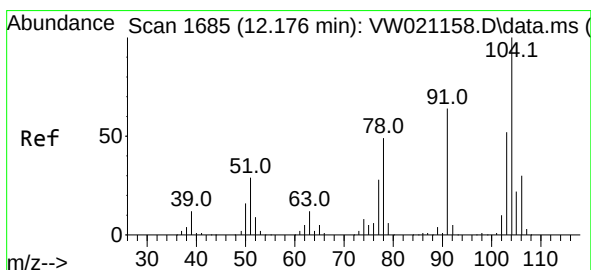
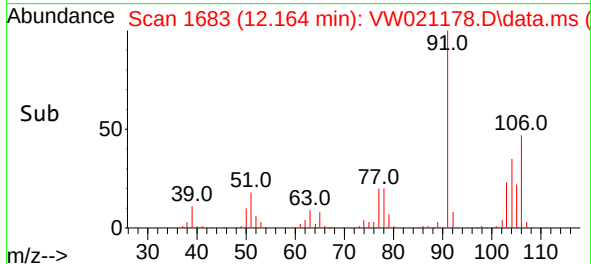
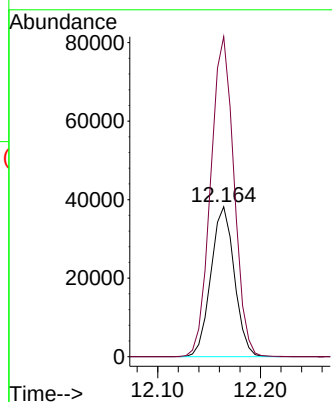
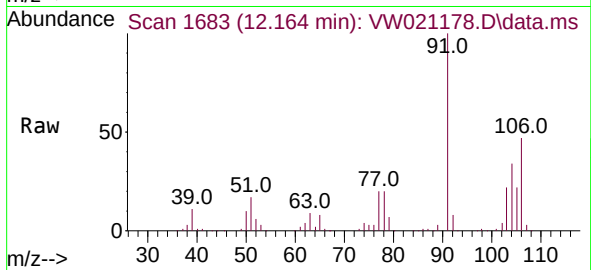
EX8B3MS

Tgt Ion:106 Resp: 60457

Ion Ratio Lower Upper

106 100

91 213.3 153.6 285.3



#55

Styrene

Concen: 20.511 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW021178.D

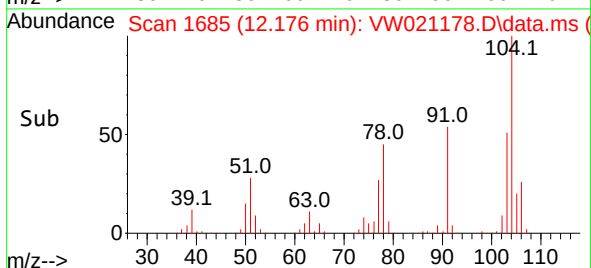
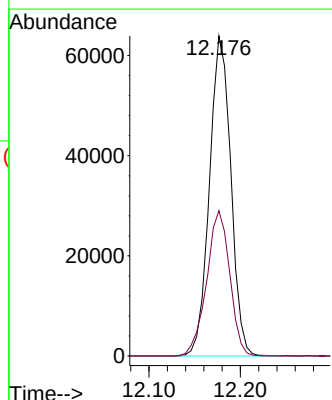
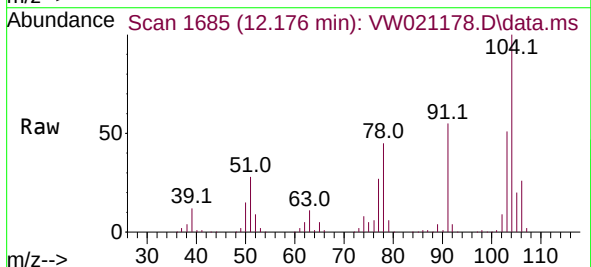
Acq: 06 Dec 2021 18:48

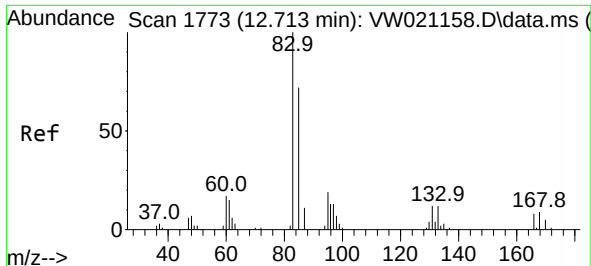
Tgt Ion:104 Resp: 103661

Ion Ratio Lower Upper

104 100

78 45.4 34.4 64.0

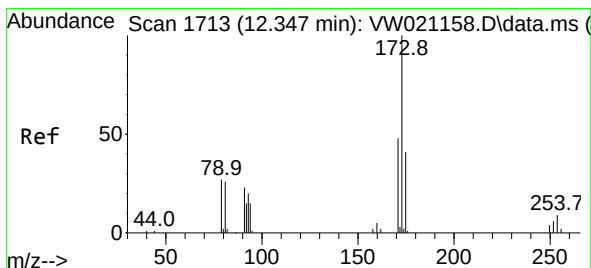
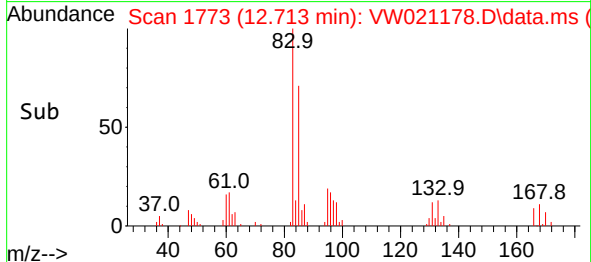
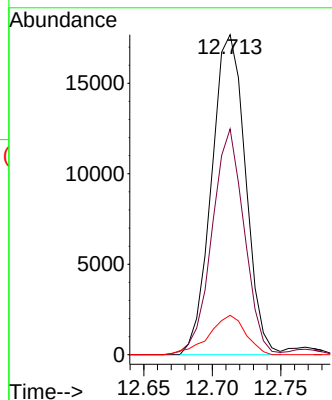
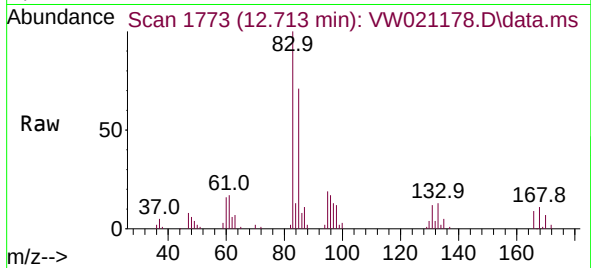




#57
1,1,2,2-Tetrachloroethane
Concen: 22.611 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

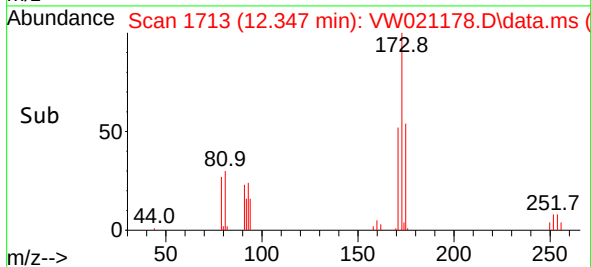
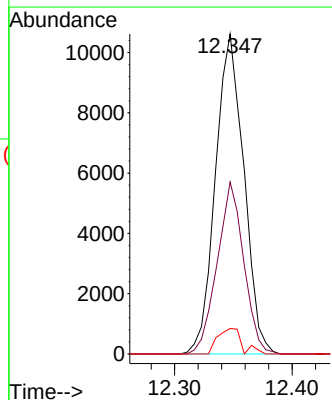
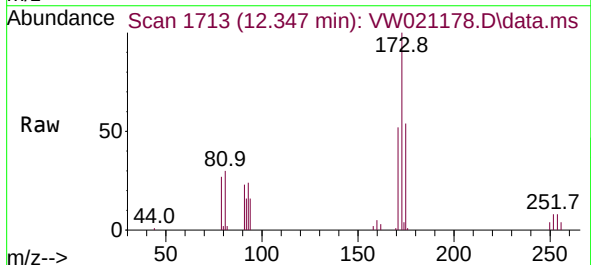
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

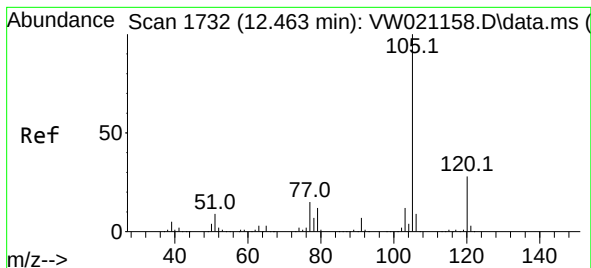
Tgt Ion: 83 Resp: 30481
Ion Ratio Lower Upper
83 100
85 70.5 44.0 81.6
131 12.3 6.9 10.3#



#59
Bromoform
Concen: 23.269 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:173 Resp: 17813
Ion Ratio Lower Upper
173 100
175 50.3 39.6 59.4
254 6.0 7.4 11.0#





#60

Isopropylbenzene

Concen: 20.936 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

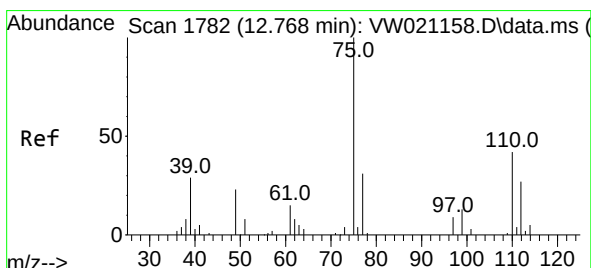
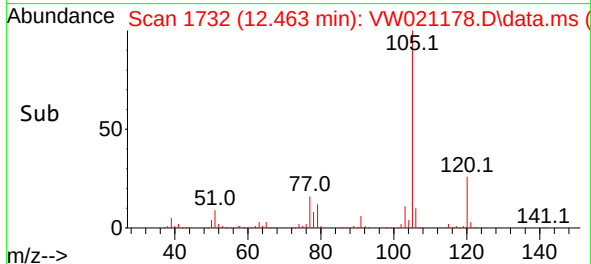
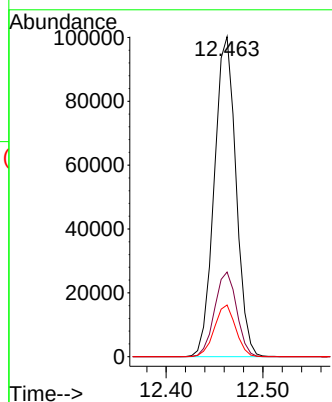
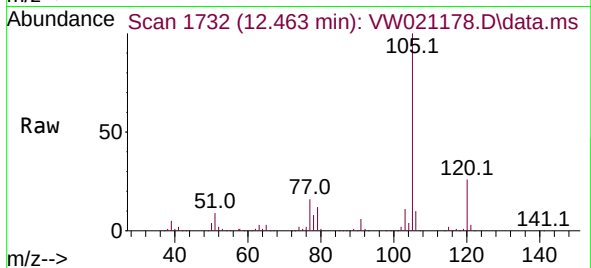
Tgt Ion:105 Resp: 156193

Ion Ratio Lower Upper

105 100

120 26.9 20.1 30.1

77 15.9 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 25.514 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

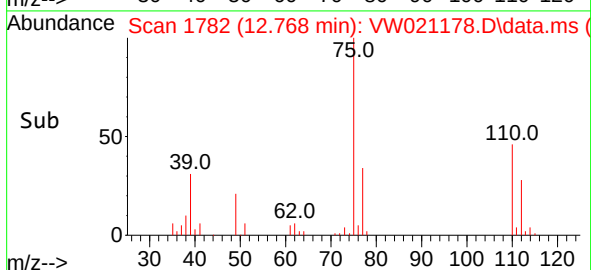
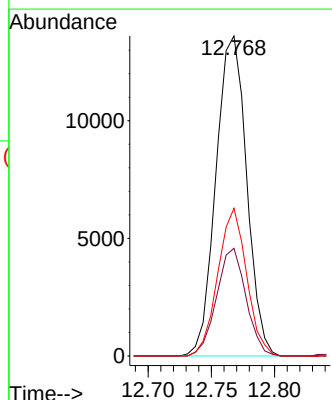
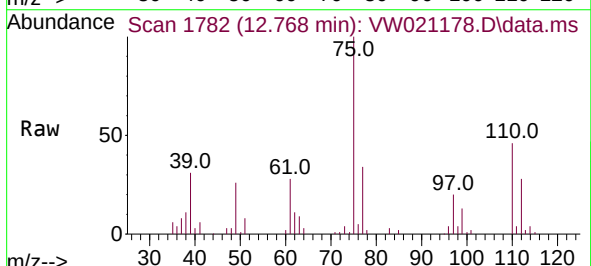
Tgt Ion: 75 Resp: 22943

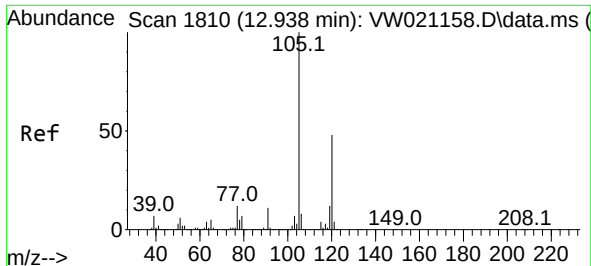
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 43.3 29.0 43.4

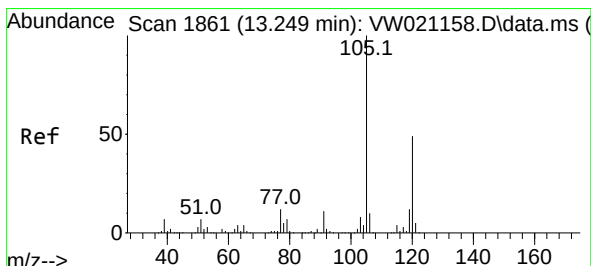
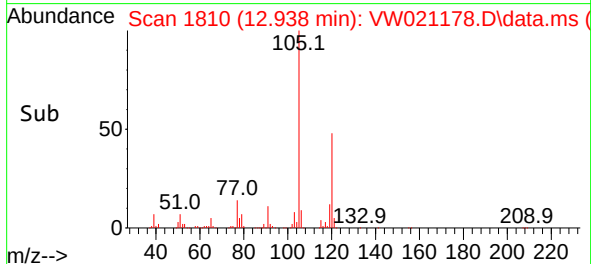
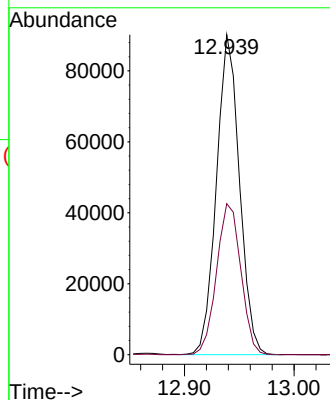
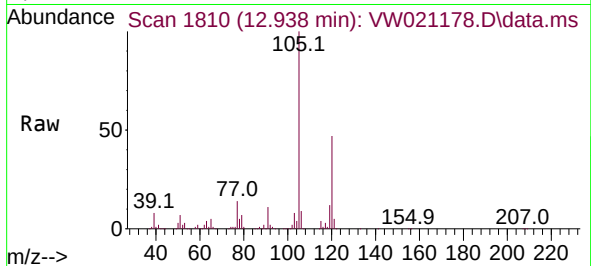




#62
1,3,5-Trimethylbenzene
Concen: 21.083 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

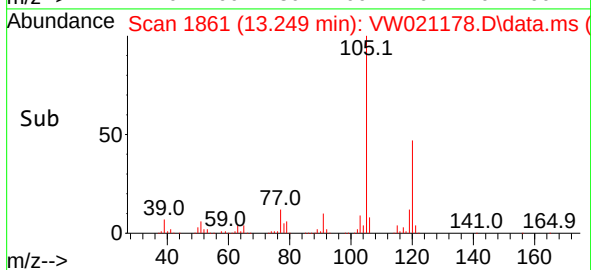
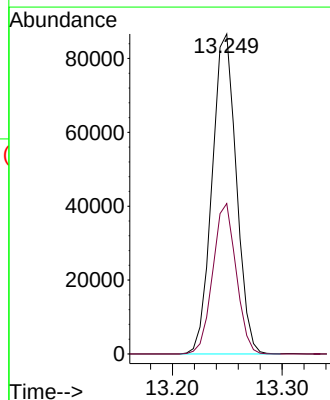
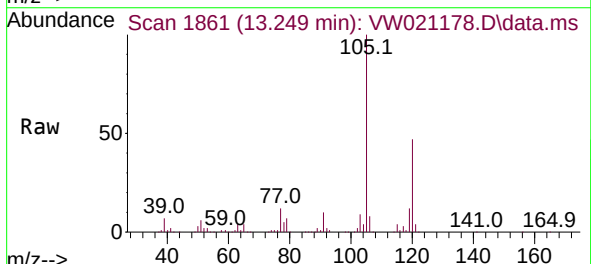
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

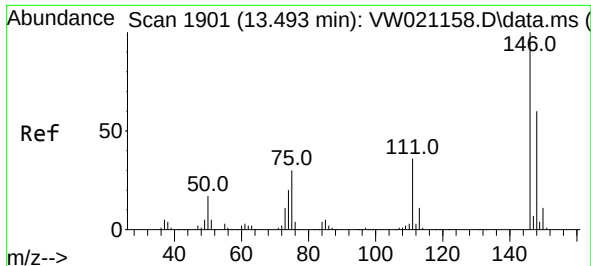
Tgt Ion:105 Resp: 131718
Ion Ratio Lower Upper
105 100
120 49.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 21.186 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:105 Resp: 133124
Ion Ratio Lower Upper
105 100
120 45.4 35.0 52.6

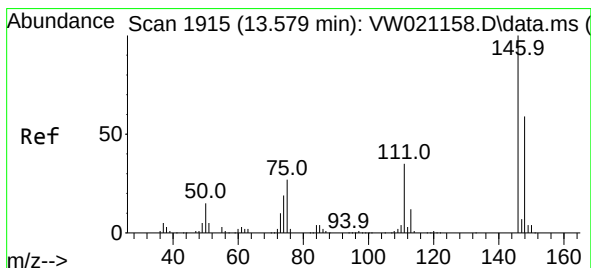
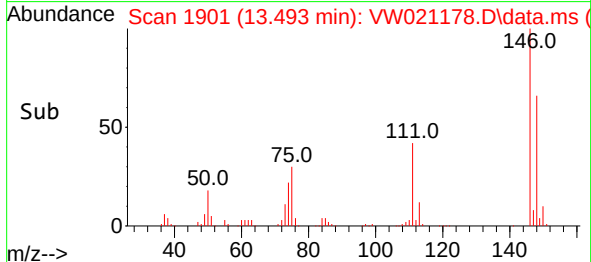
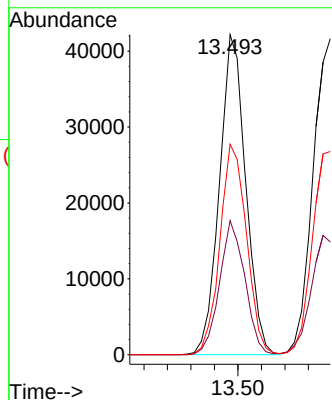
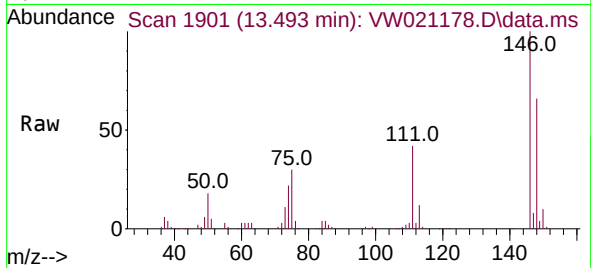




#64
1,3-Dichlorobenzene
Concen: 18.620 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

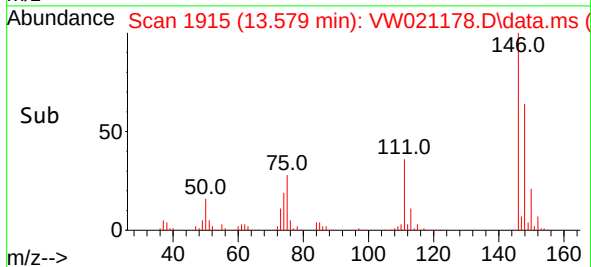
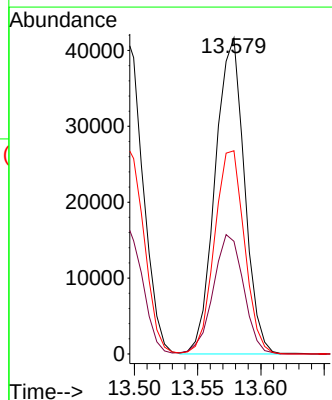
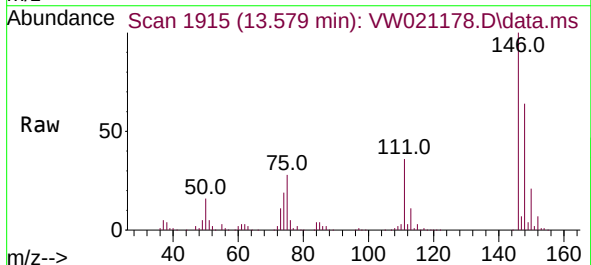
Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

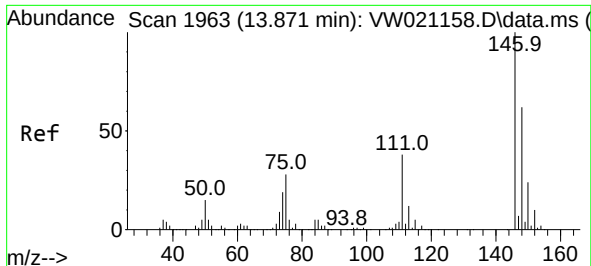
Tgt Ion:146 Resp: 65407
Ion Ratio Lower Upper
146 100
111 41.8 29.8 55.3
148 65.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 18.864 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:146 Resp: 66971
Ion Ratio Lower Upper
146 100
111 35.6 29.0 53.9
148 64.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.293 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

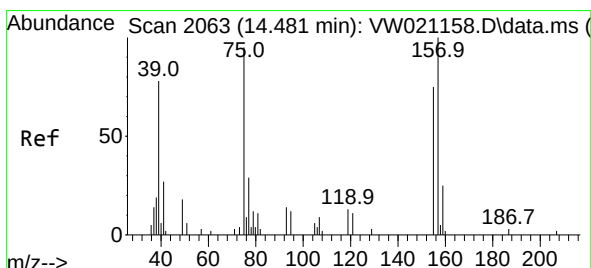
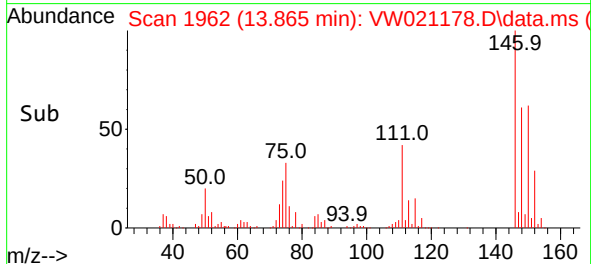
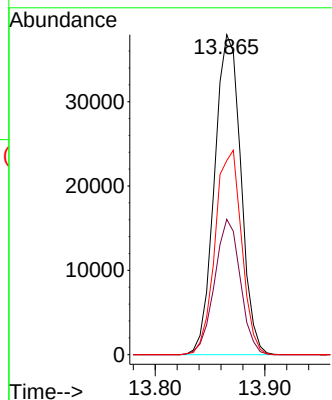
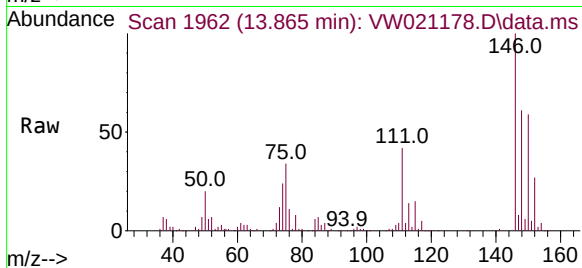
Tgt Ion:146 Resp: 63472

Ion Ratio Lower Upper

146 100

111 42.3 33.1 49.7

148 60.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.062 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

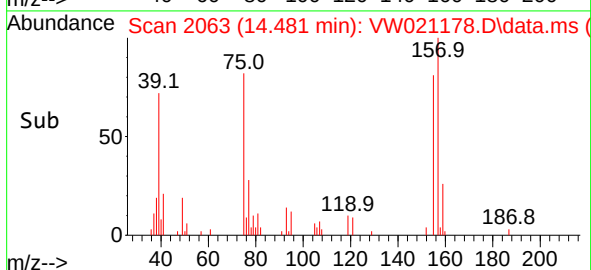
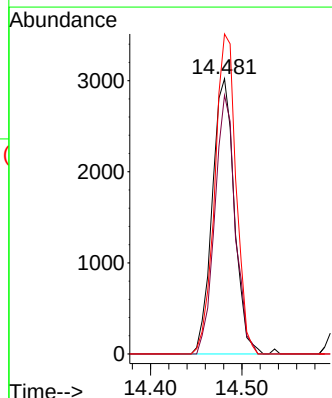
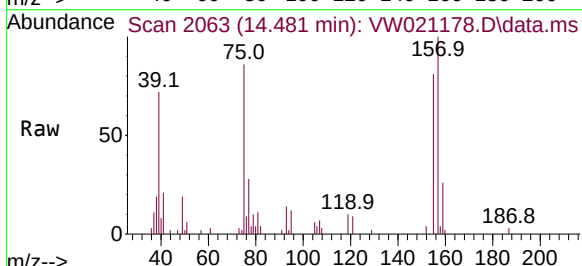
Tgt Ion: 75 Resp: 5089

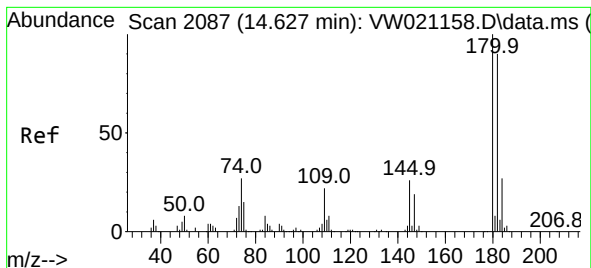
Ion Ratio Lower Upper

75 100

155 94.0 54.2 81.2#

157 116.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 15.990 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

EX8B3MS

Tgt Ion:180 Resp: 41281

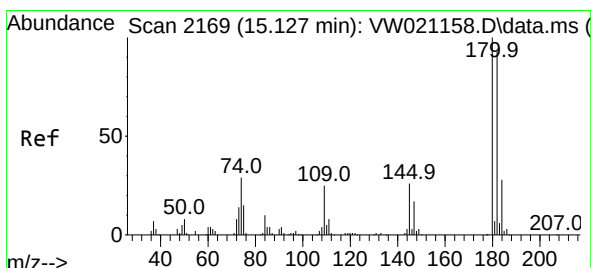
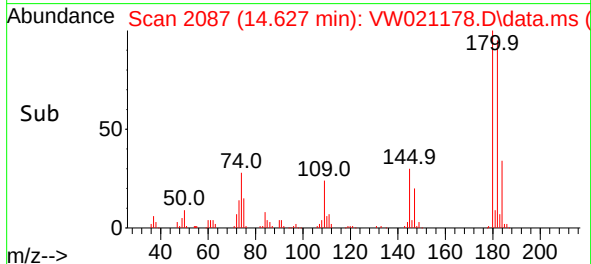
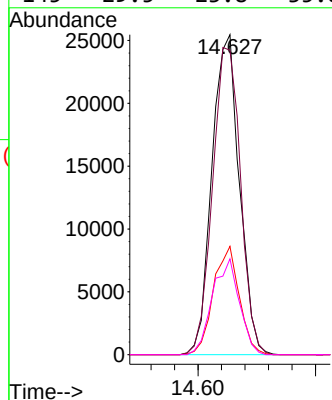
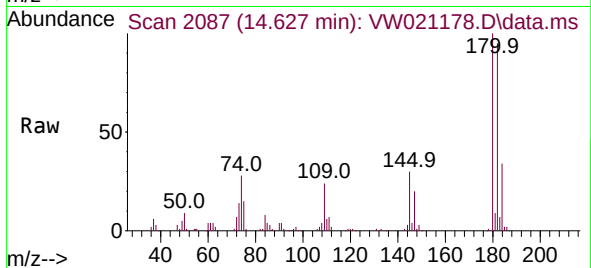
Ion Ratio Lower Upper

180 100

182 97.9 75.4 113.0

184 32.1 23.8 35.8

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 14.248 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021178.D

Acq: 06 Dec 2021 18:48

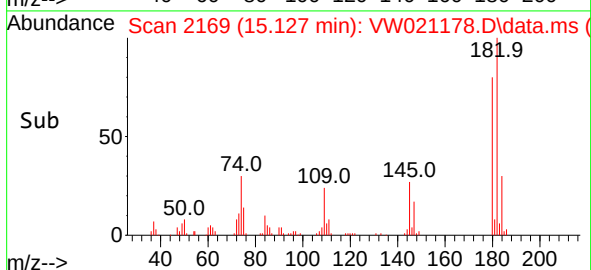
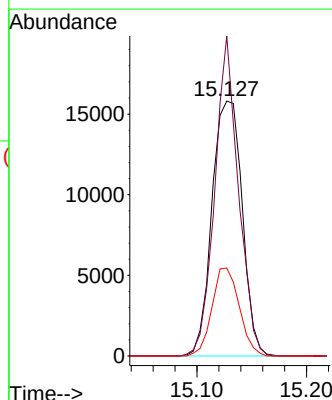
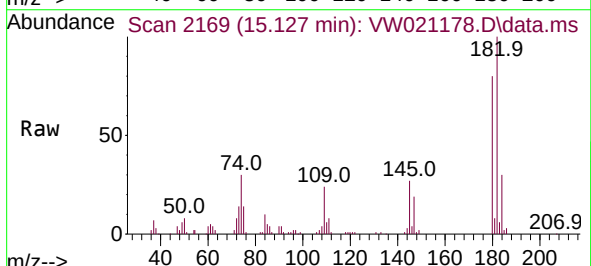
Tgt Ion:180 Resp: 30227

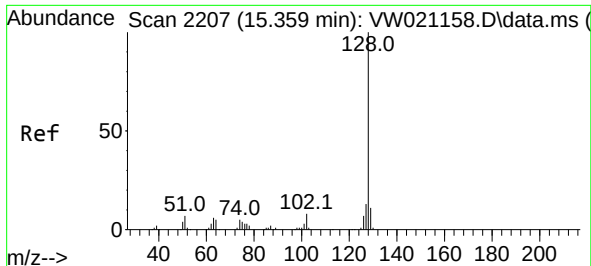
Ion Ratio Lower Upper

180 100

182 98.4 79.0 118.6

145 31.2 26.0 39.0

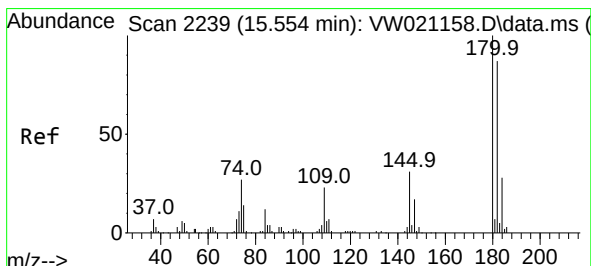
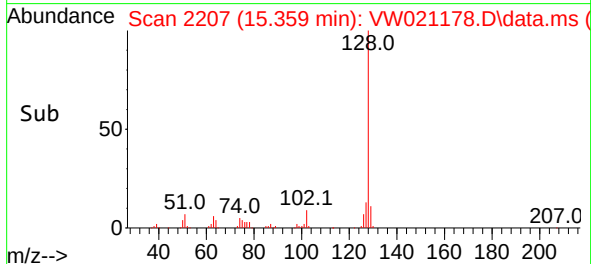
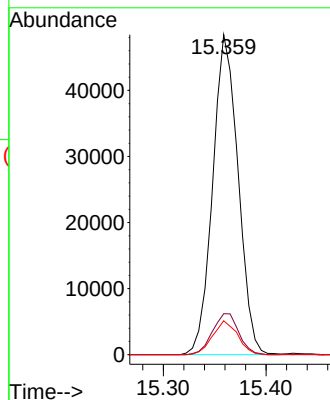
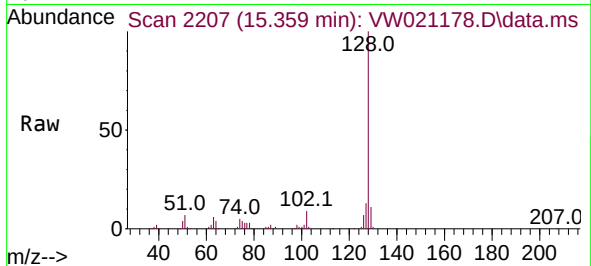




#71
Naphthalene
Concen: 21.087 ug/L
RT: 15.359 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :
EX8B3MS

Tgt Ion:	128	Resp:	83162
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.4	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 15.345 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021178.D
Acq: 06 Dec 2021 18:48

Tgt Ion:	180	Resp:	28411
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.6	114.8
145	33.2	27.4	41.0

