

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021577.D
 Acq On : 22 Dec 2021 20:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:39:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	118531	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	121072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51292	23.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.879	69	34413	24.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	4.019	63	77539	26.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.760%
21) 2-Butanone-d5	7.189	46	87	0.286	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.580%#
24) Chloroform-d	7.647	84	90155	27.293	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.160%
26) 1,2-Dichloroethane-d4	8.305	65	48992	27.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.520%
32) Benzene-d6	8.275	84	172837	26.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	9.274	67	47608	26.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	10.323	98	178147	26.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.080%
43) trans-1,3-Dichloroprop...	10.579	79	23129	28.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.880%
47) 2-Hexanone-d5	10.921	63	16806	63.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.720%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41034	26.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.847	152	68238	25.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12334	26.932	ug/L	93
3) Chloromethane	2.209	50	31818	20.985	ug/L	100
5) Vinyl chloride	2.355	62	47269	19.859	ug/L	94
6) Bromomethane	2.776	94	30226	19.578	ug/L	99
8) Chloroethane	2.916	64	22783	20.777	ug/L	99
9) Trichlorofluoromethane	3.257	101	30220	24.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40757	24.902	ug/L	91
12) 1,1-Dichloroethene	4.038	96	35903	24.436	ug/L	84
13) Acetone	4.129	43	15387	56.405	ug/L	95
14) Carbon disulfide	4.379	76	80278	21.158	ug/L	99
15) Methyl Acetate	4.678	43	14202	30.173	ug/L	# 89
16) Methylene chloride	4.916	84	40383	20.619	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	38707	24.331	ug/L	81
18) Methyl tert-butyl Ether	5.434	73	63553	28.926	ug/L	94
19) 1,1-Dichloroethane	6.220	63	64634	25.892	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	44046	26.250	ug/L	72
22) 2-Butanone	7.177	43	21091	59.202	ug/L	87
23) Bromochloromethane	7.513	128	20811	26.525	ug/L	# 65
25) Chloroform	7.677	83	76490	26.395	ug/L	97

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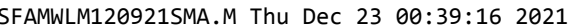
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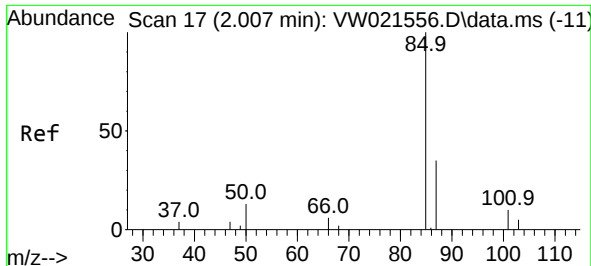
Quant Time: Dec 23 00:39:10 2021
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 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	49455	26.949	ug/L	97
29) Cyclohexane	7.958	56	56146	23.299	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	67567	24.873	ug/L	95
31) Carbon tetrachloride	8.067	117	59452	23.724	ug/L	95
33) Benzene	8.323	78	154067	23.360	ug/L	100
34) Trichloroethene	9.092	95	44518	24.045	ug/L	93
35) Methylcyclohexane	9.335	83	68859	22.547	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	36432	24.764	ug/L #	96
38) Bromodichloromethane	9.646	83	53684	26.540	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	60626	26.143	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	44509	55.525	ug/L #	90
42) Toluene	10.384	91	182433	23.651	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54244	26.705	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	31535	26.190	ug/L	93
46) Tetrachloroethene	10.860	164	38839	22.083	ug/L	92
48) 2-Hexanone	10.963	43	32618	56.112	ug/L #	93
49) Dibromochloromethane	11.128	129	39003	26.275	ug/L	94
50) 1,2-Dibromoethane	11.231	107	30871	25.762	ug/L	97
51) Chlorobenzene	11.658	112	118881	23.020	ug/L	93
52) Ethylbenzene	11.725	91	204089	23.153	ug/L	98
53) m,p-Xylene	11.841	106	82197	23.115	ug/L	87
54) o-Xylene	12.164	106	78813	23.354	ug/L	92
55) Styrene	12.176	104	136681	23.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	35878	25.993	ug/L #	96
59) Bromoform	12.347	173	23009	27.624	ug/L	94
60) Isopropylbenzene	12.463	105	222991	23.443	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	27072	26.572	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	182211	22.511	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	186457	23.351	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	103669	23.106	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	104828	23.516	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	90448	22.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5419	25.787	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	75284	22.450	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	59579	22.089	ug/L	96
71) Naphthalene	15.359	128	106313	24.261	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47725	21.410	ug/L	96

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

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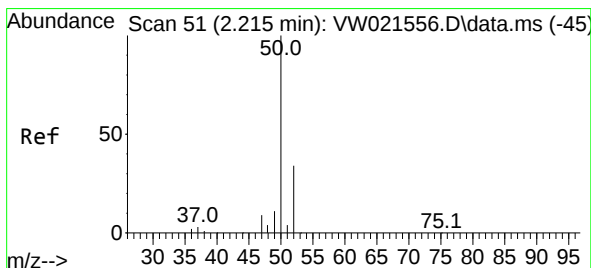
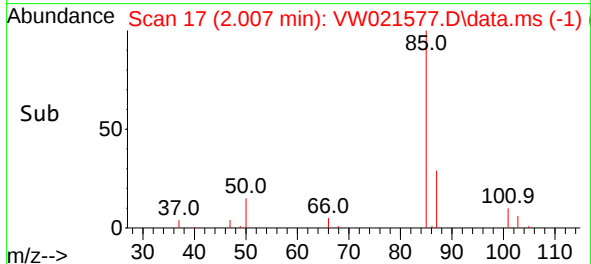
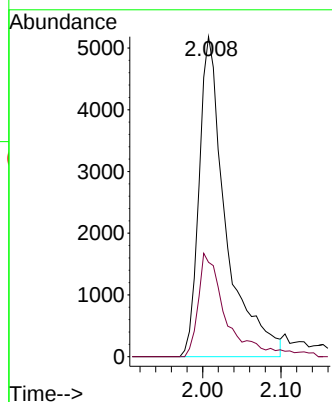
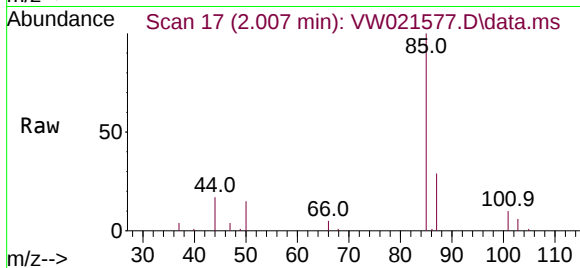




#2
 Dichlorodifluoromethane
 Concen: 26.932 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021577.D
 Acq: 22 Dec 2021 20:54

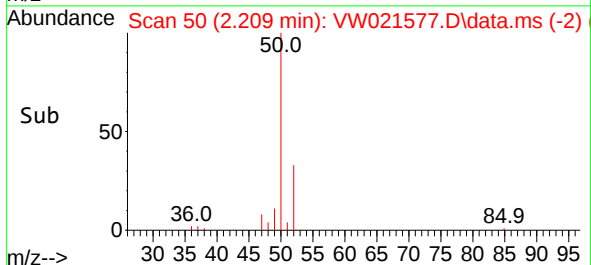
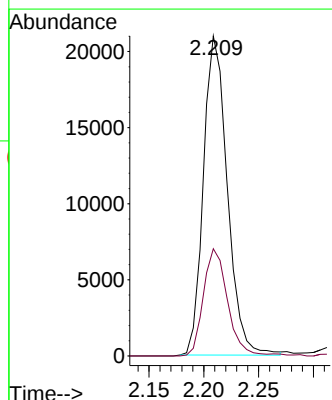
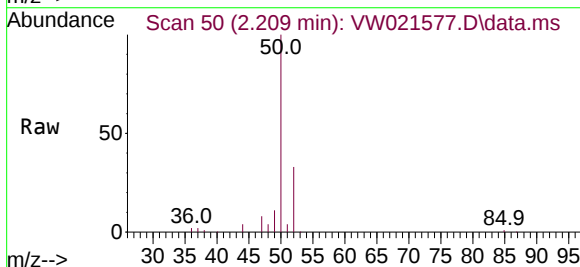
Instrument :
 MSVOA_W
 ClientSampleId :

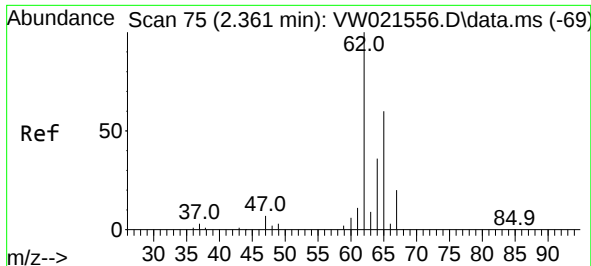
Tgt Ion: 85 Resp: 12334
 Ion Ratio Lower Upper
 85 100
 87 28.4 25.8 38.6



#3
 Chloromethane
 Concen: 20.985 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021577.D
 Acq: 22 Dec 2021 20:54

Tgt Ion: 50 Resp: 31818
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.6

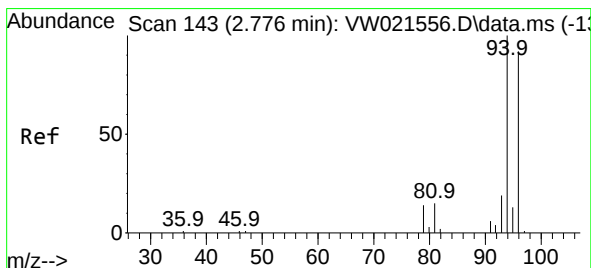
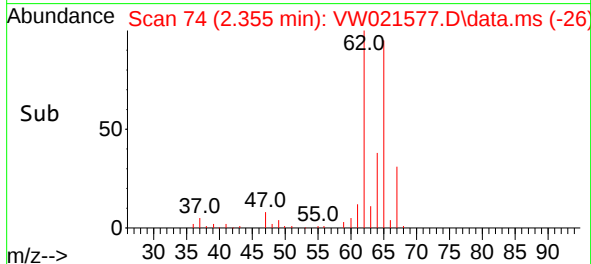
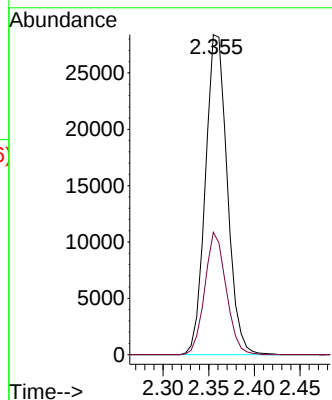
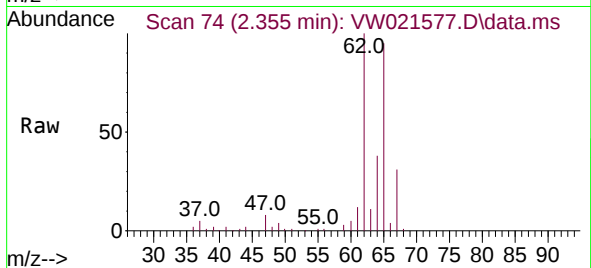




#5
 Vinyl chloride
 Concen: 19.859 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021577.D
 Acq: 22 Dec 2021 20:54

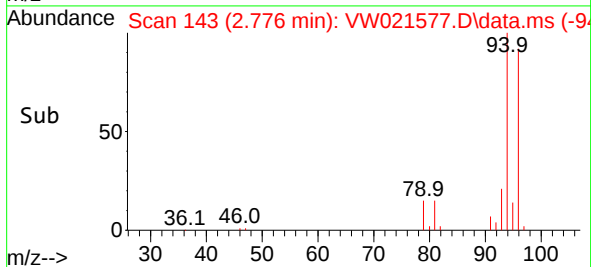
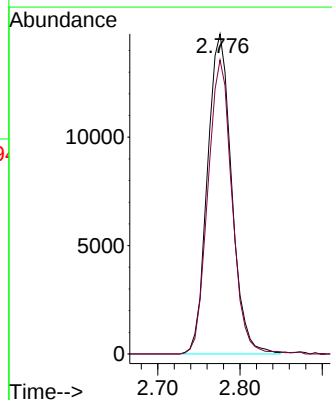
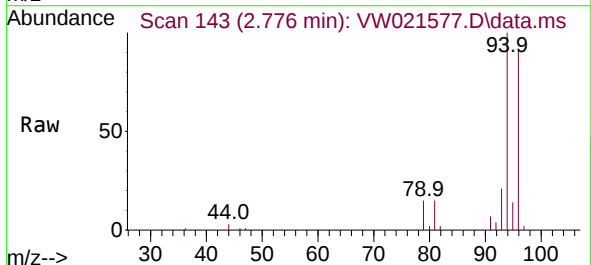
Instrument :
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 ClientSampleId :

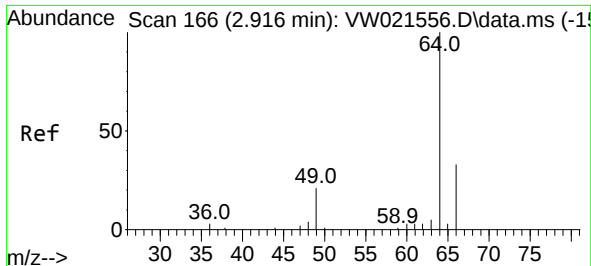
Tgt Ion: 62 Resp: 47269
 Ion Ratio Lower Upper
 62 100
 64 38.3 24.4 45.2



#6
 Bromomethane
 Concen: 19.578 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021577.D
 Acq: 22 Dec 2021 20:54

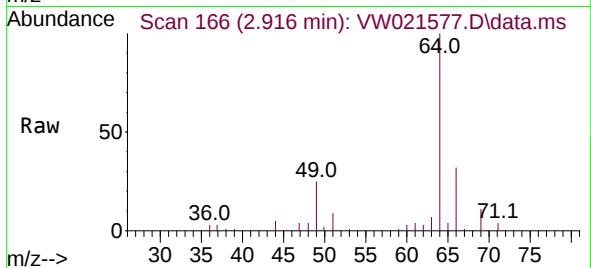
Tgt Ion: 94 Resp: 30226
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.8 120.4



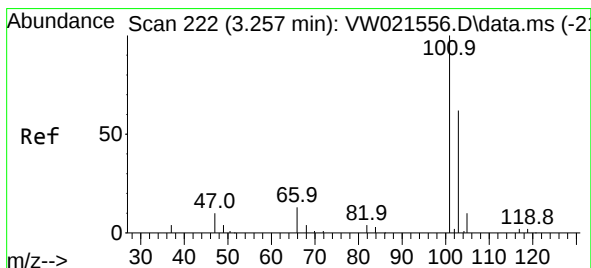
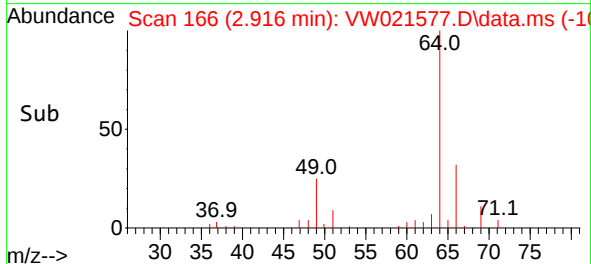
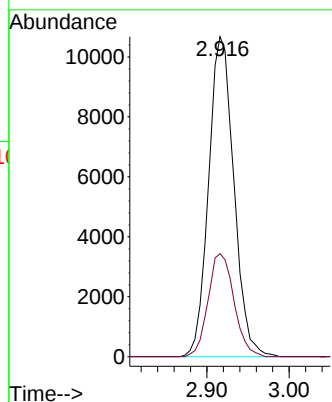


#8
Chloroethane
Concen: 20.777 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :

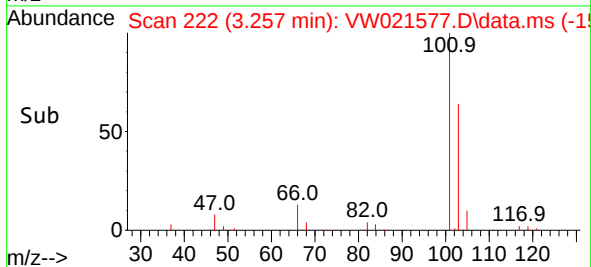
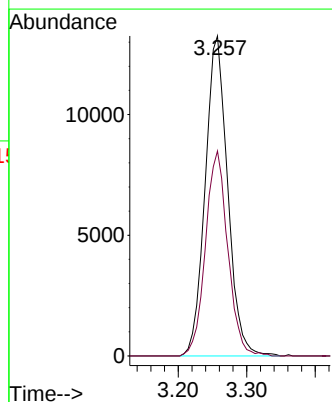
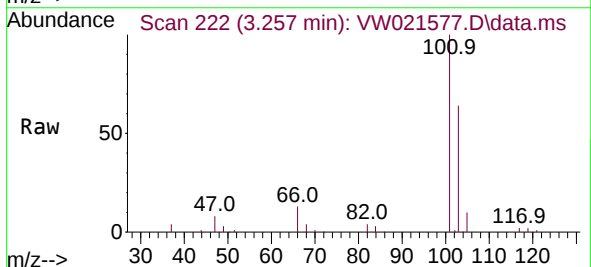


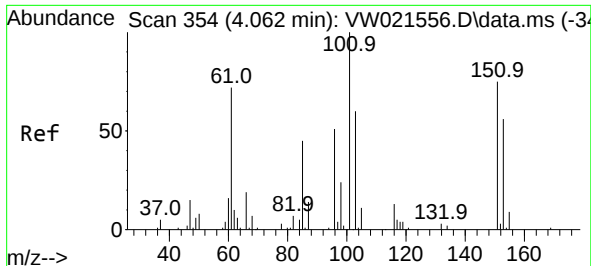
Tgt Ion: 64 Resp: 22783
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.063 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 101 Resp: 30220
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

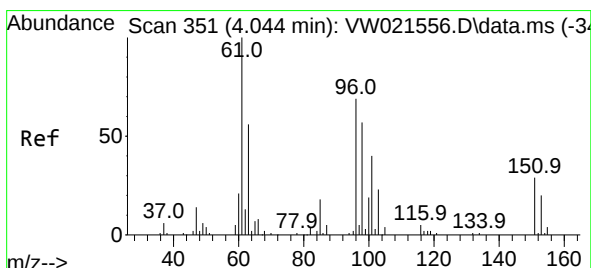
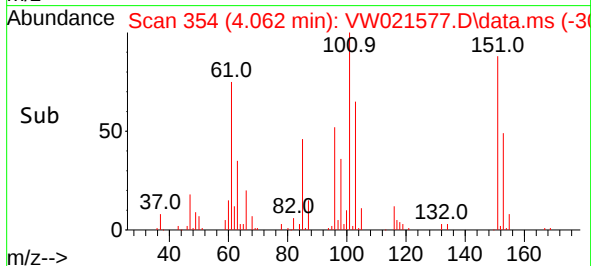
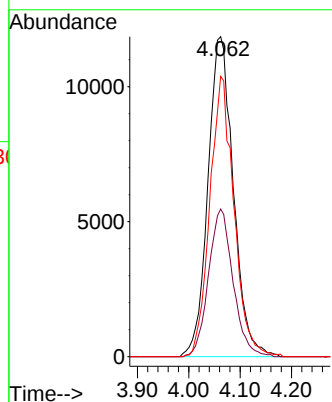
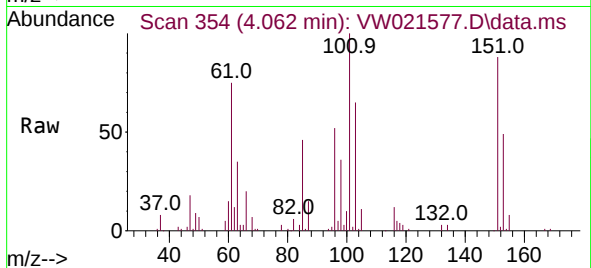




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.902 ug/L
RT: 4.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

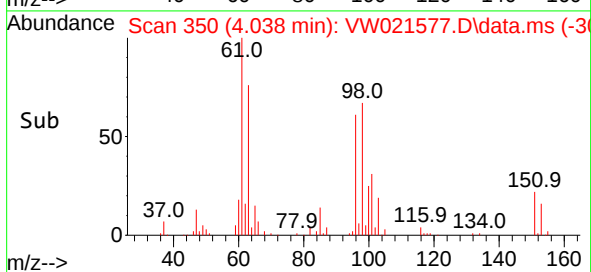
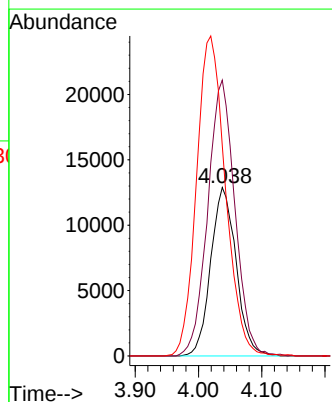
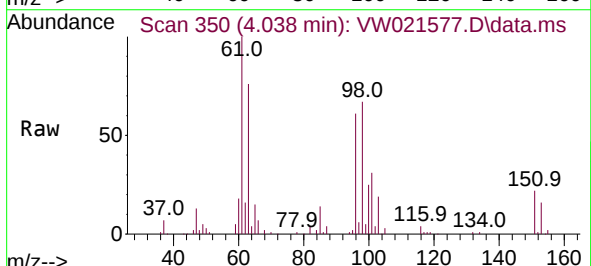
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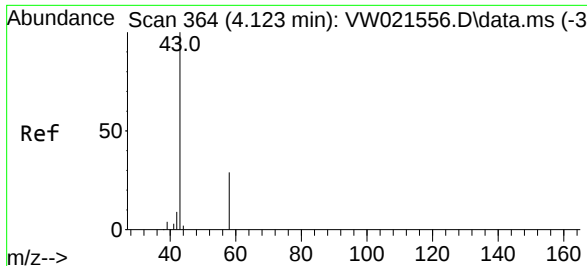
Tgt Ion:101 Resp: 40757
Ion Ratio Lower Upper
101 100
85 44.4 36.6 54.8
151 82.9 57.4 86.0



#12
1,1-Dichloroethene
Concen: 24.436 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 96 Resp: 35903
Ion Ratio Lower Upper
96 100
61 163.8 138.3 256.9
63 124.9 82.6 153.4





#13

Acetone

Concen: 56.405 ug/L

RT: 4.129 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

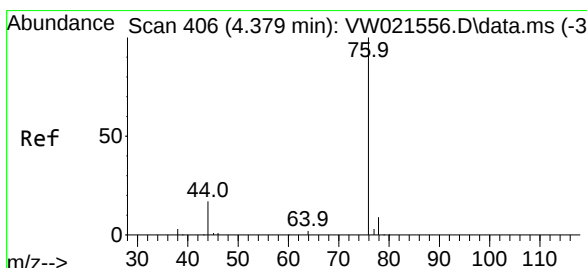
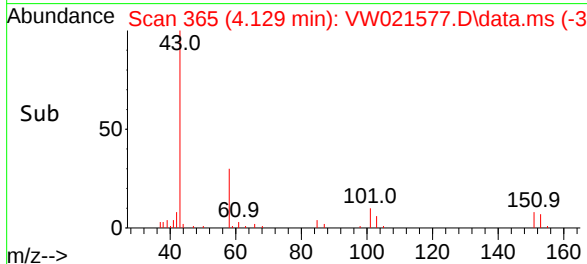
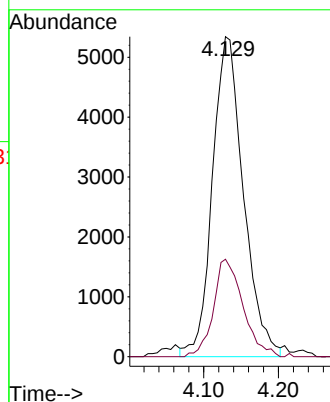
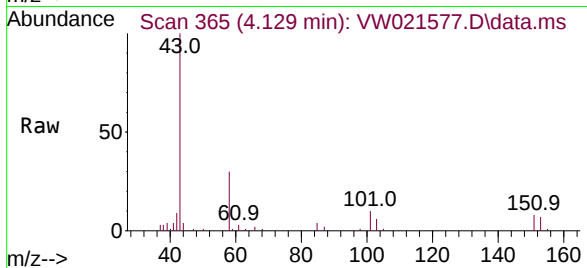
ClientSampleId :

Tgt Ion: 43 Resp: 15387

Ion Ratio Lower Upper

43 100

58 29.0 0.0 52.8



#14

Carbon disulfide

Concen: 21.158 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW021577.D

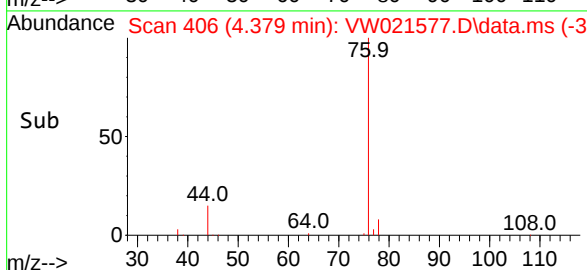
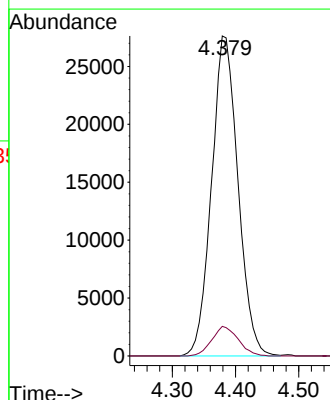
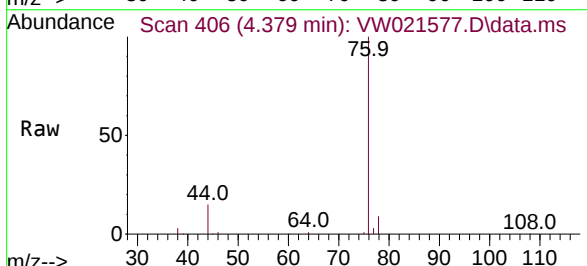
Acq: 22 Dec 2021 20:54

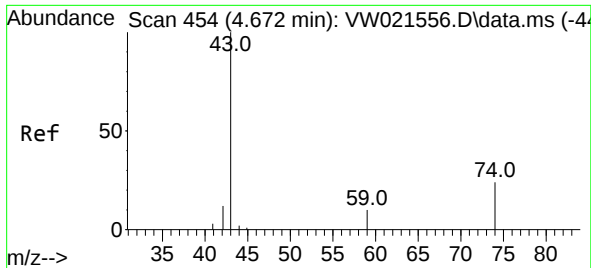
Tgt Ion: 76 Resp: 80278

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

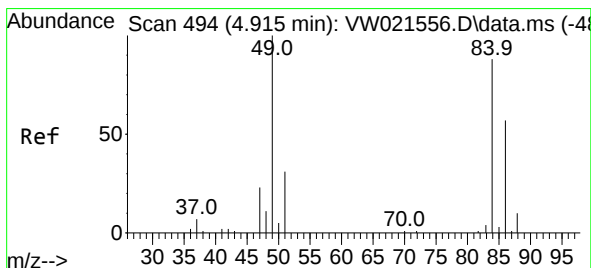
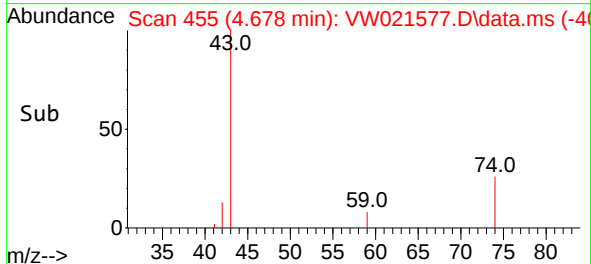
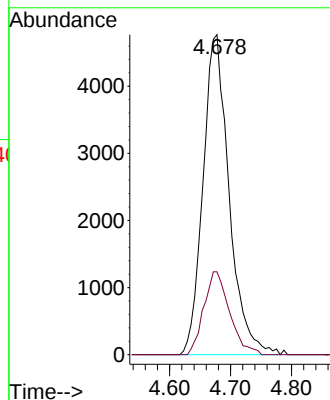
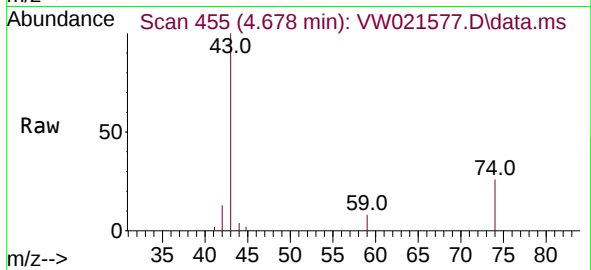




#15
Methyl Acetate
Concen: 30.173 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

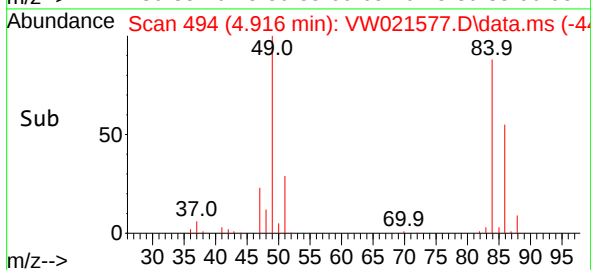
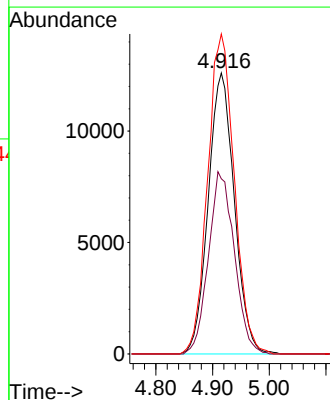
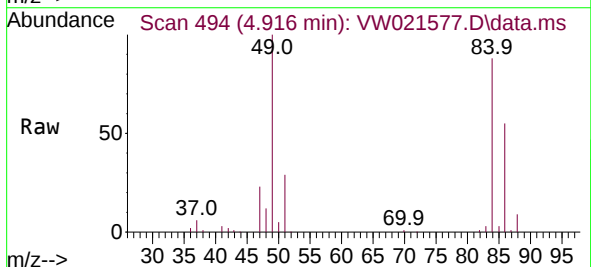
Instrument :
MSVOA_W
ClientSampleId :

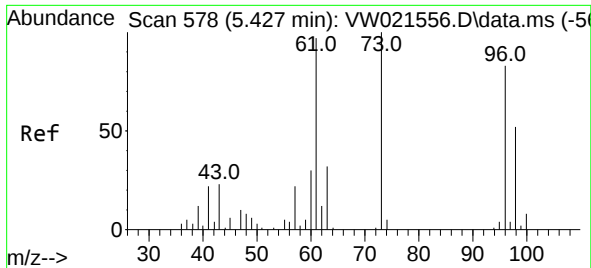
Tgt Ion: 43 Resp: 14202
Ion Ratio Lower Upper
43 100
74 25.6 16.4 24.6#



#16
Methylene chloride
Concen: 20.619 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

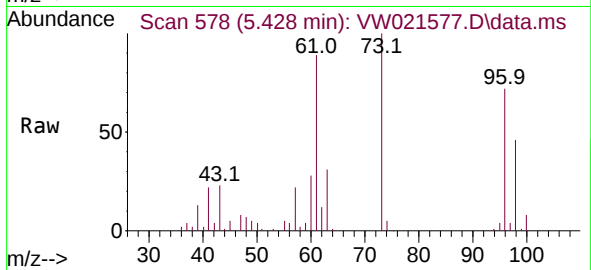
Tgt Ion: 84 Resp: 40383
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 113.9 100.5 186.7





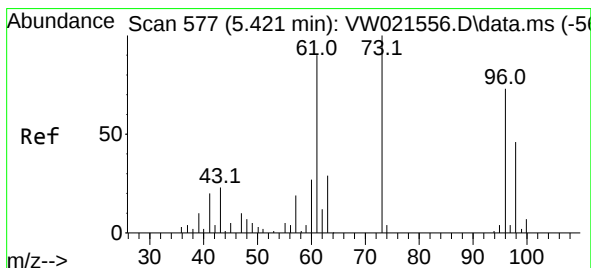
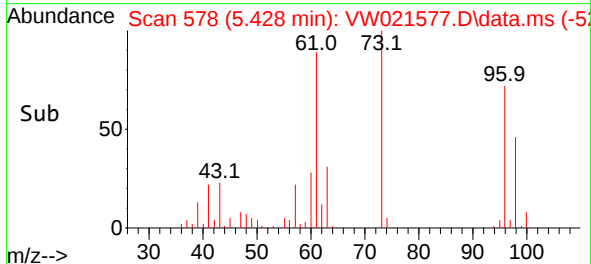
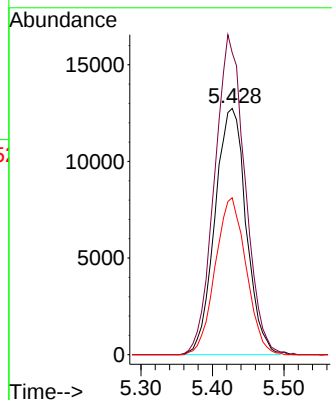
#17
trans-1,2-Dichloroethene
Concen: 24.331 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 38707

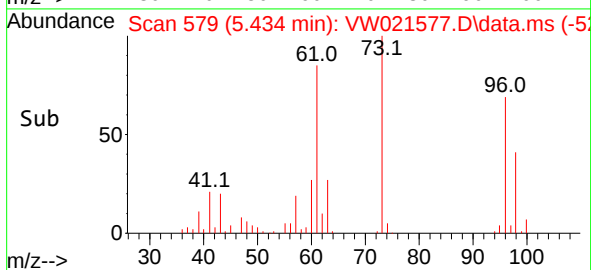
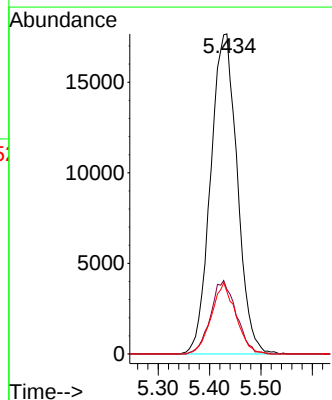
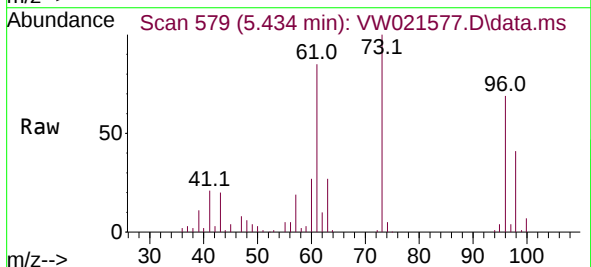
Ion	Ratio	Lower	Upper
96	100		
61	122.6	107.4	199.4
98	63.7	41.2	76.6

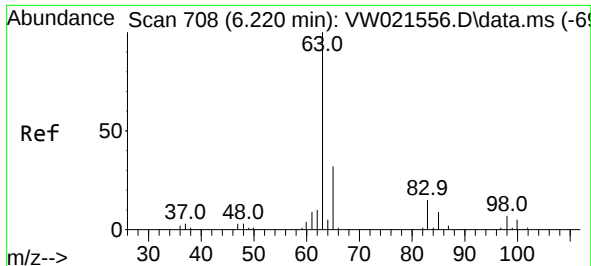


#18
Methyl tert-butyl Ether
Concen: 28.926 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 73 Resp: 63553

Ion	Ratio	Lower	Upper
73	100		
43	22.0	19.5	29.3
57	20.4	19.3	28.9





#19

1,1-Dichloroethane

Concen: 25.892 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021577.D

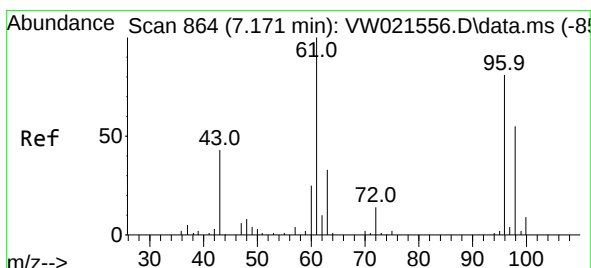
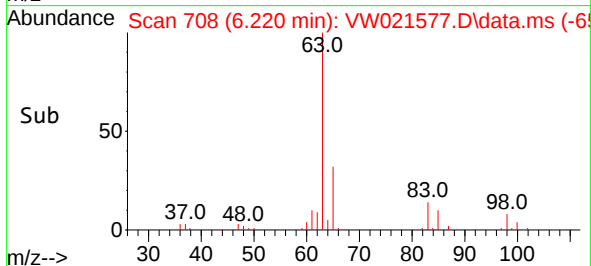
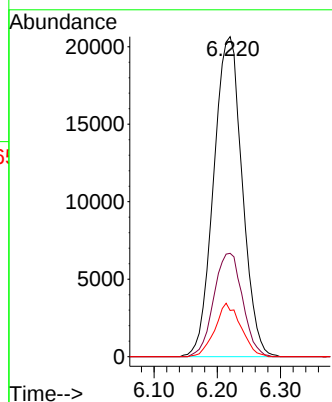
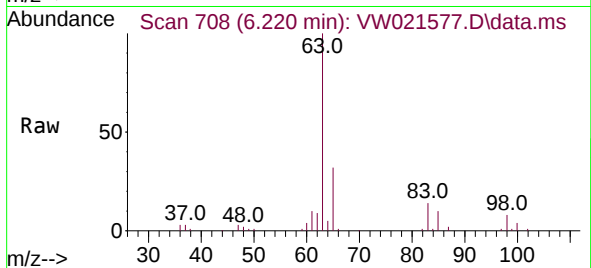
Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	64634
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	41.1
83	14.4	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 26.250 ug/L

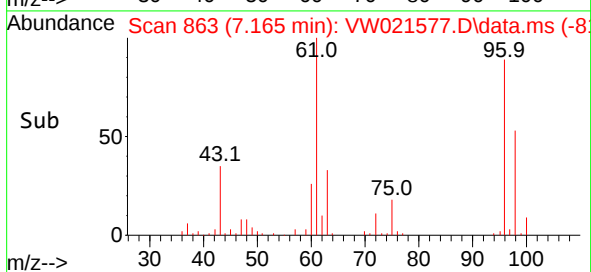
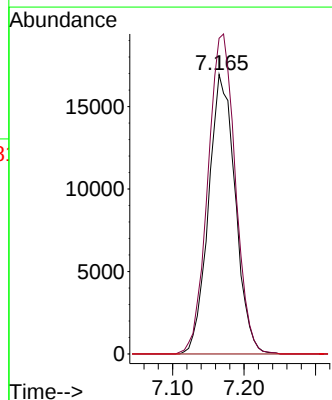
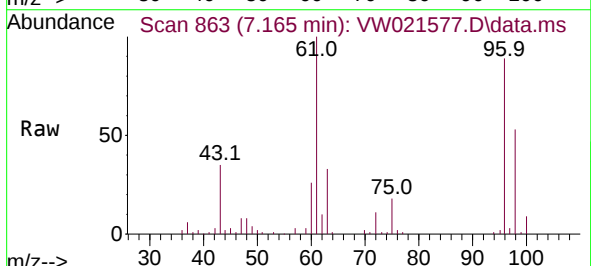
RT: 7.165 min Scan# 863

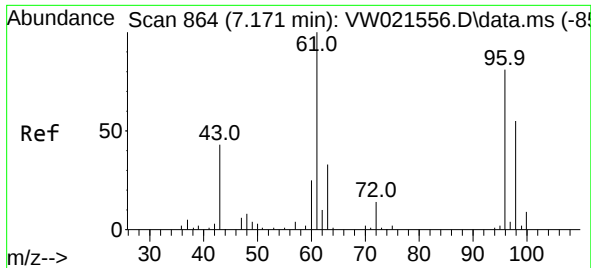
Delta R.T. -0.006 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Tgt Ion:	96	Resp:	44046
Ion	Ratio	Lower	Upper
96	100		
61	112.9	103.7	192.7
68	0.0	0.0	0.0

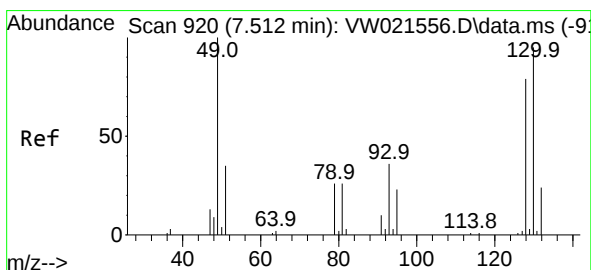
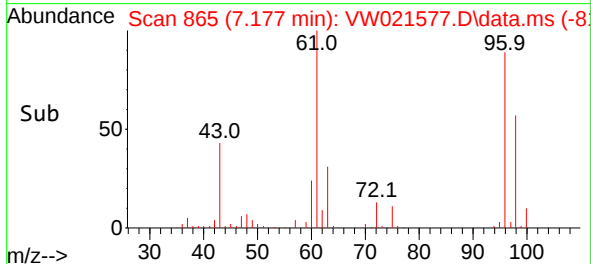
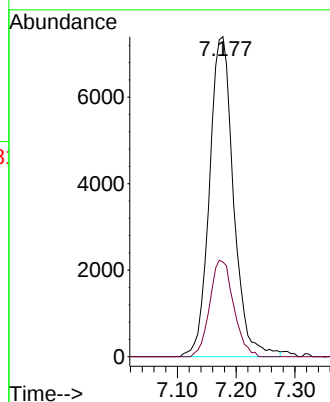
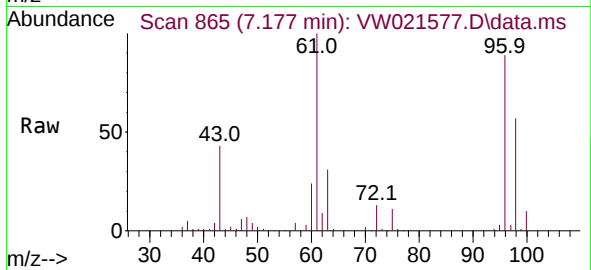




#22
2-Butanone
Concen: 59.202 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

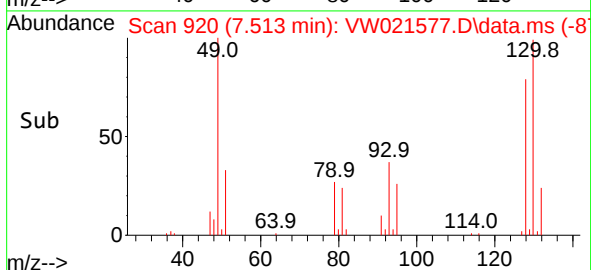
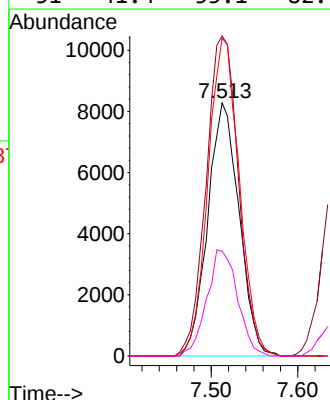
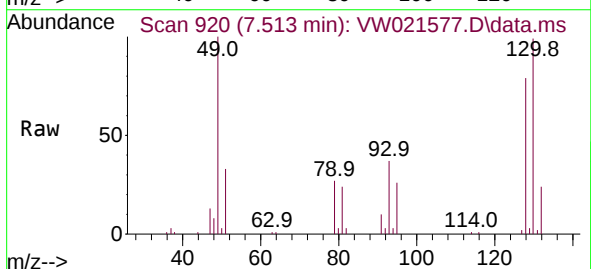
Instrument :
MSVOA_W
ClientSampleId :

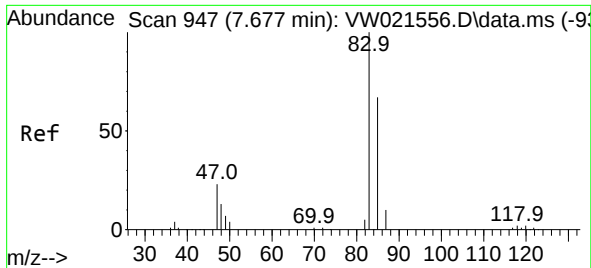
Tgt Ion: 43 Resp: 21091
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 26.525 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 128 Resp: 20811
Ion Ratio Lower Upper
128 100
49 126.4 150.3 279.1#
130 125.4 88.3 163.9
51 41.4 55.1 82.7#

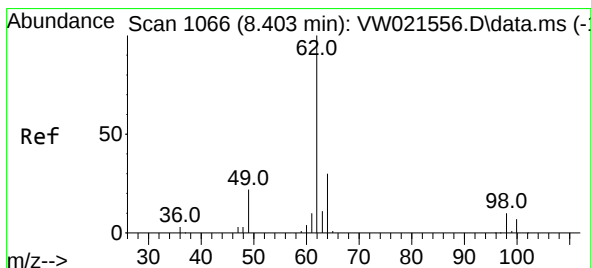
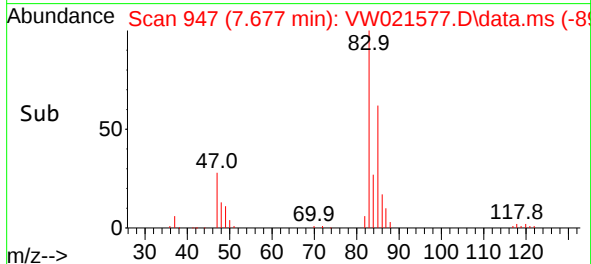
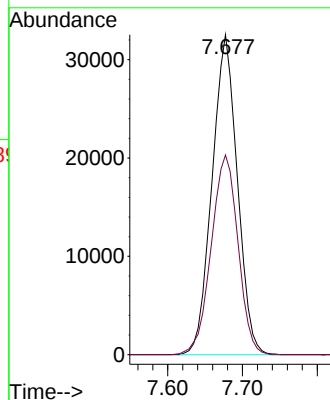
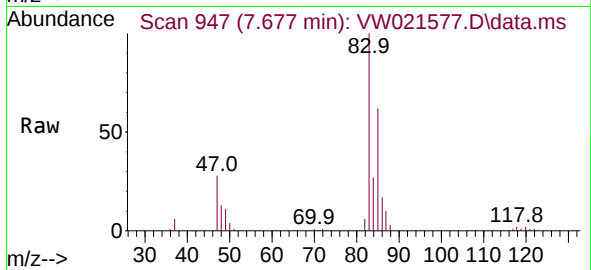




#25
Chloroform
Concen: 26.395 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

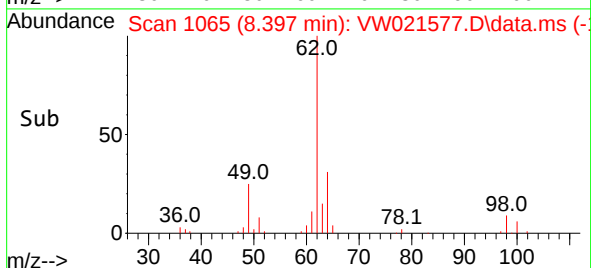
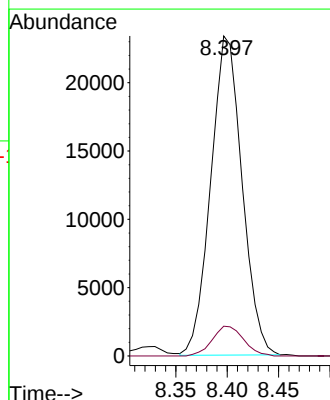
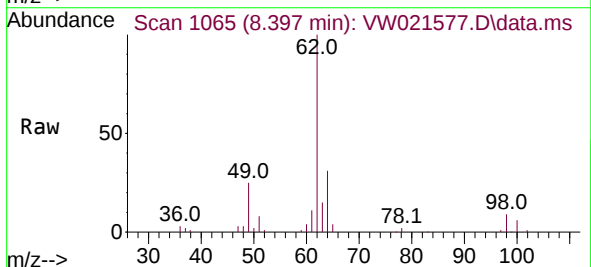
Instrument :
MSVOA_W
ClientSampleId :

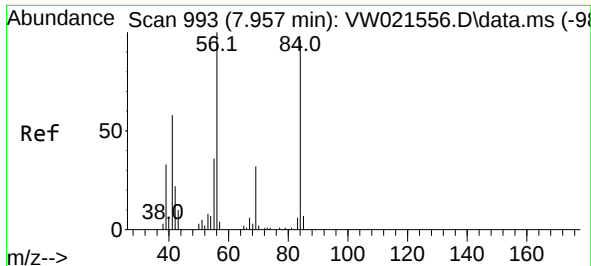
Tgt Ion: 83 Resp: 76490
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.949 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

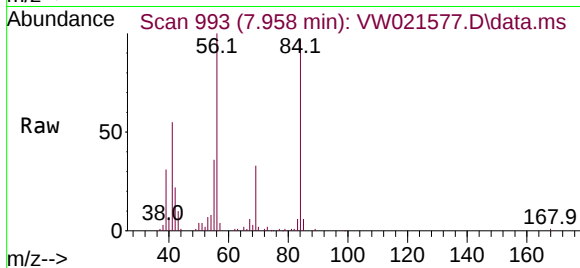
Tgt Ion: 62 Resp: 49455
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7



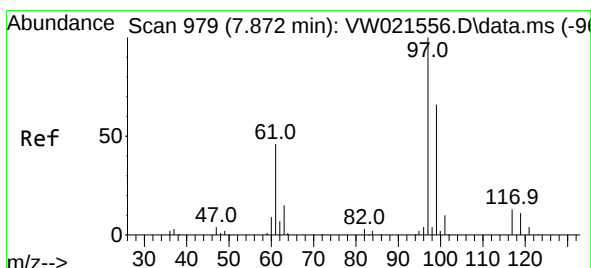
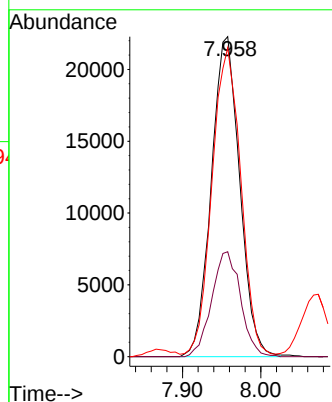
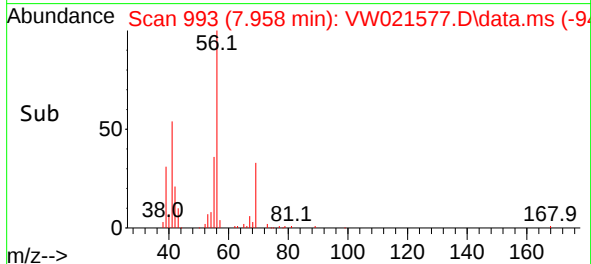


#29
Cyclohexane
Concen: 23.299 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :

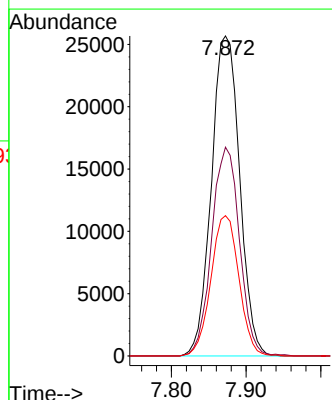
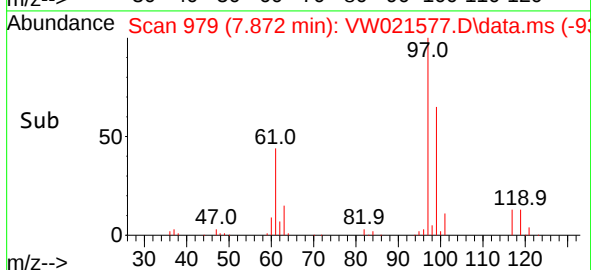
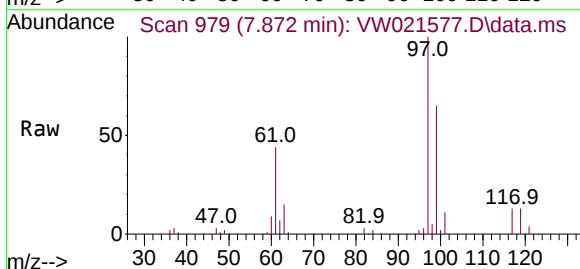


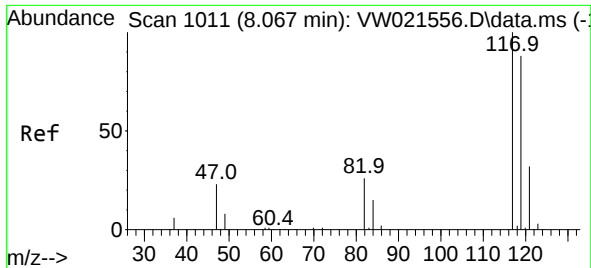
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.5	35.3
84	98.2	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 24.873 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	43.4	40.9	61.3

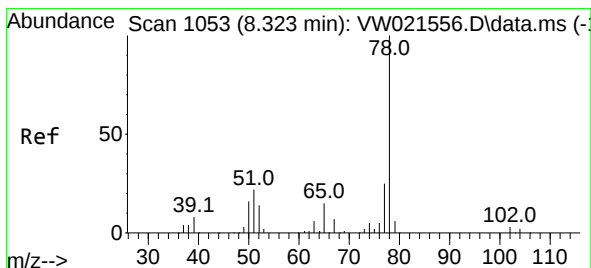
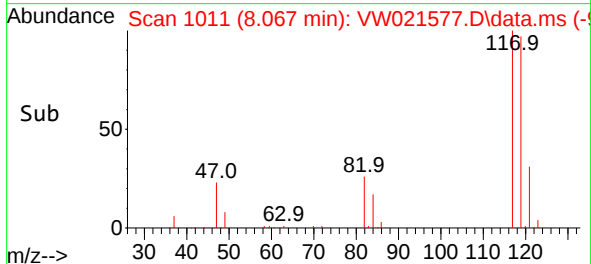
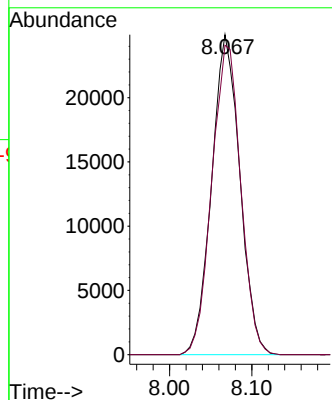
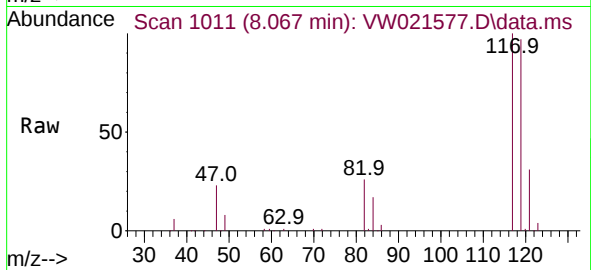




#31
Carbon tetrachloride
Concen: 23.724 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

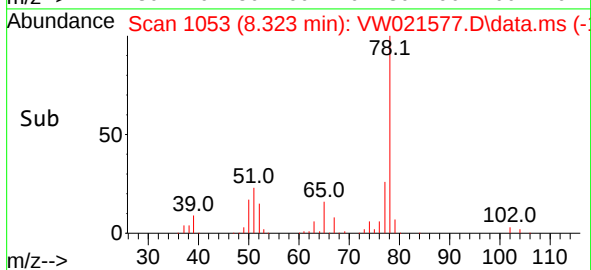
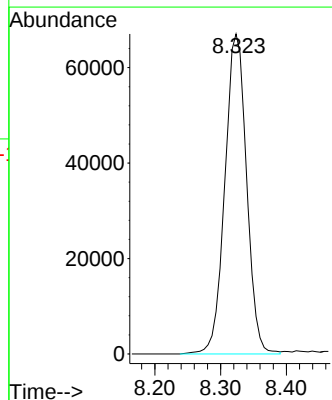
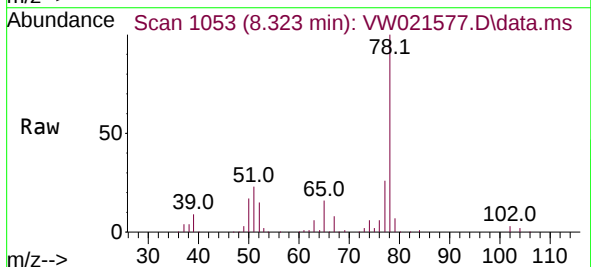
Instrument :
MSVOA_W
ClientSampleId :

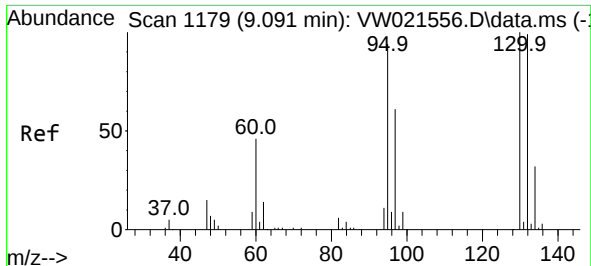
Tgt Ion:117 Resp: 59452
Ion Ratio Lower Upper
117 100
119 99.0 75.7 113.5



#33
Benzene
Concen: 23.360 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

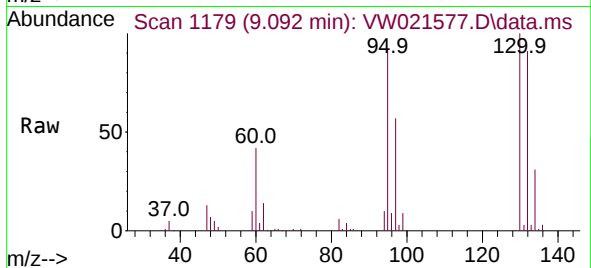
Tgt Ion: 78 Resp: 154067





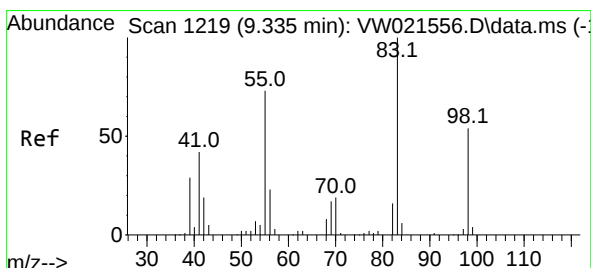
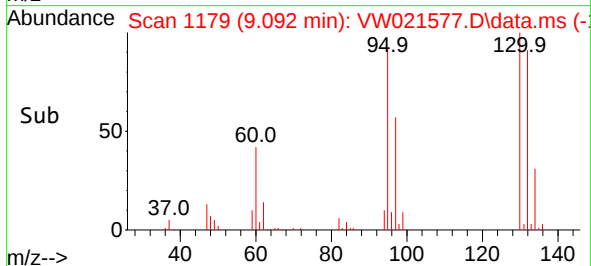
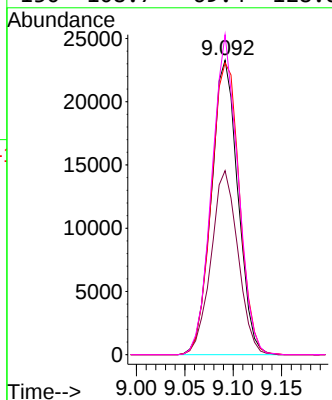
#34
Trichloroethene
Concen: 24.045 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 44518

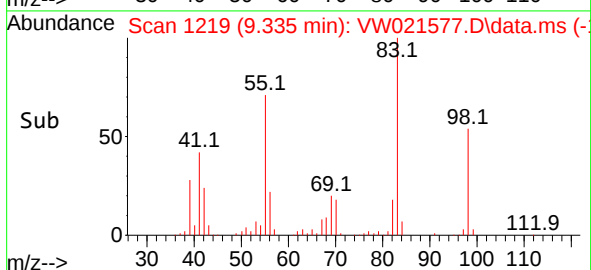
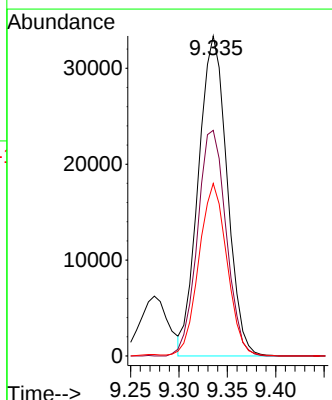
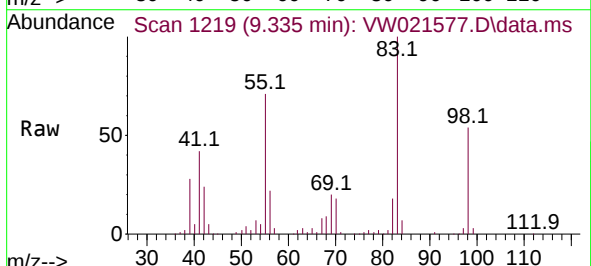
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.0	87.2
132	99.1	65.5	121.6
130	108.7	69.4	128.8

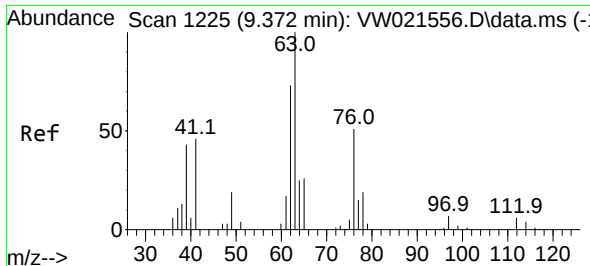


#35
Methylcyclohexane
Concen: 22.547 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 83 Resp: 68859

Ion	Ratio	Lower	Upper
83	100		
55	70.7	70.8	106.2
98	52.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 24.764 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

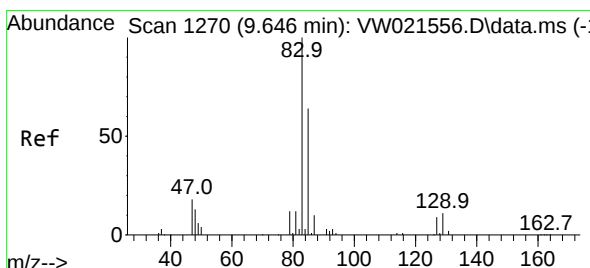
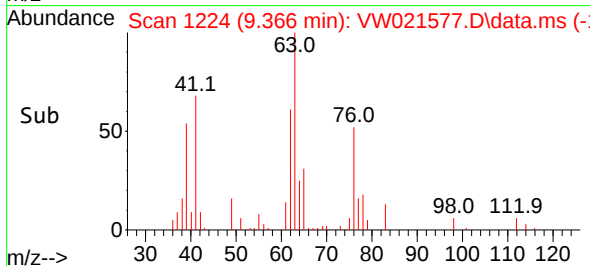
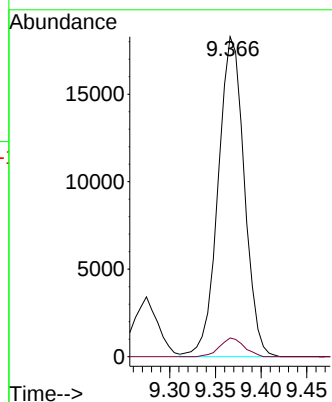
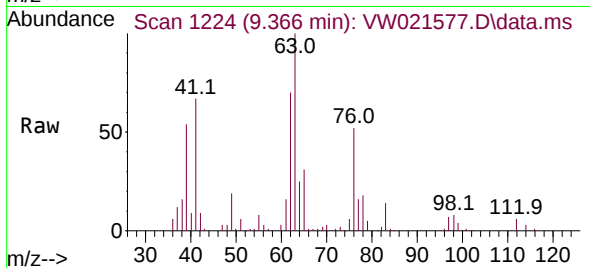
ClientSampleId :

Tgt Ion: 63 Resp: 36432

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.540 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

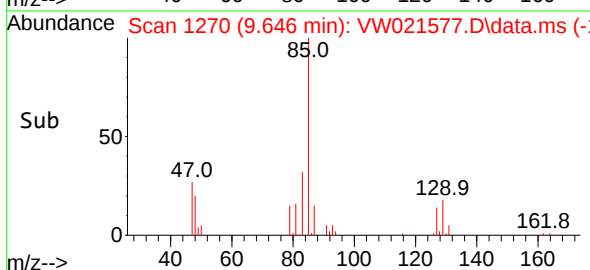
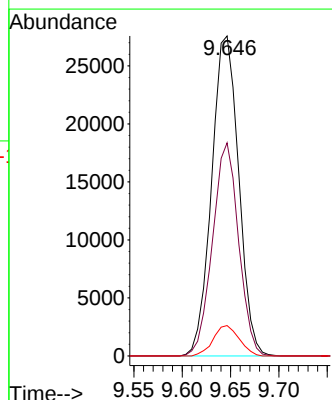
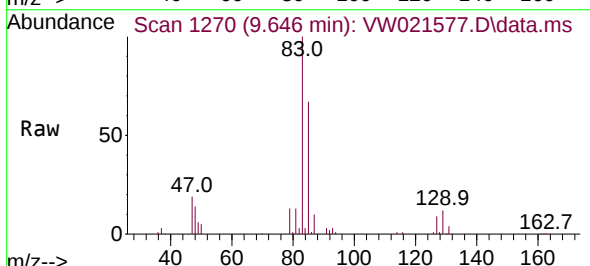
Tgt Ion: 83 Resp: 53684

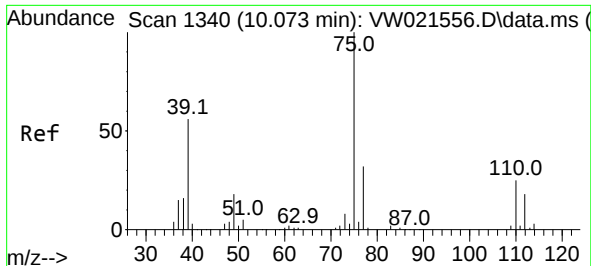
Ion Ratio Lower Upper

83 100

85 66.6 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.143 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

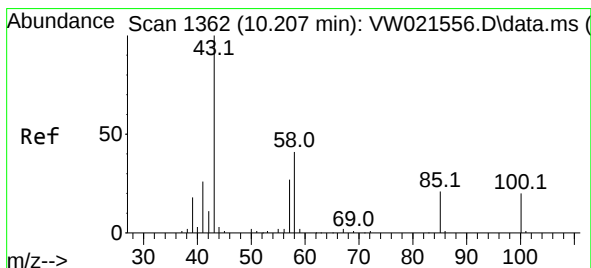
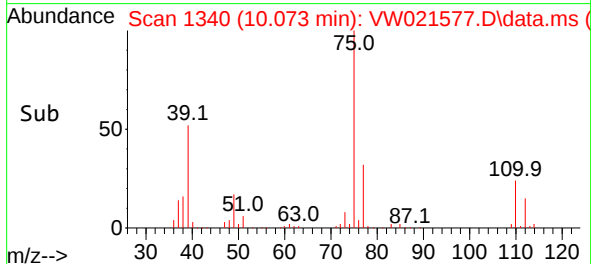
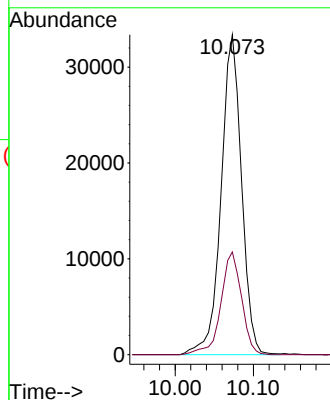
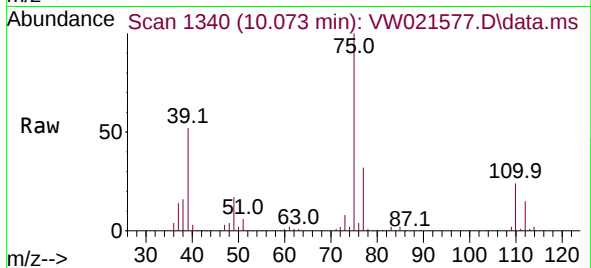
ClientSampleId :

Tgt Ion: 75 Resp: 60626

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.525 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

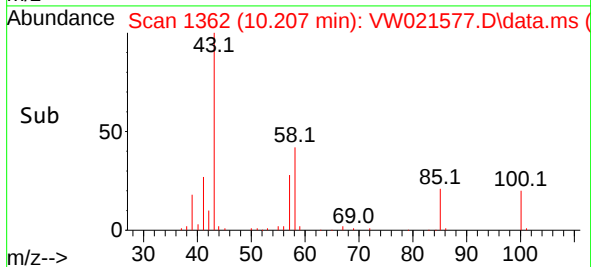
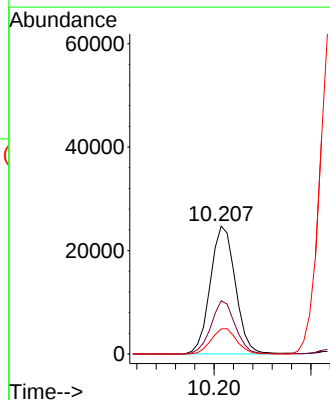
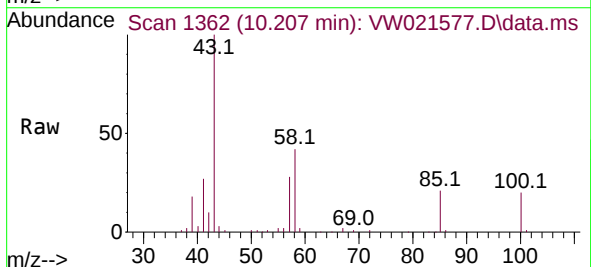
Tgt Ion: 43 Resp: 44509

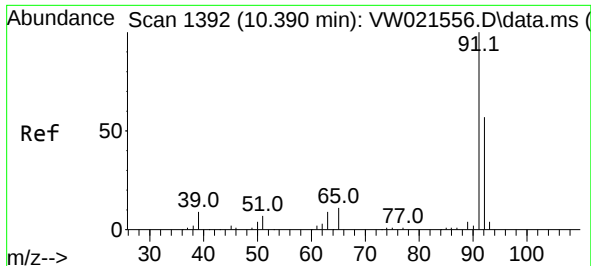
Ion Ratio Lower Upper

43 100

58 40.2 28.8 43.2

100 20.1 10.0 15.0#

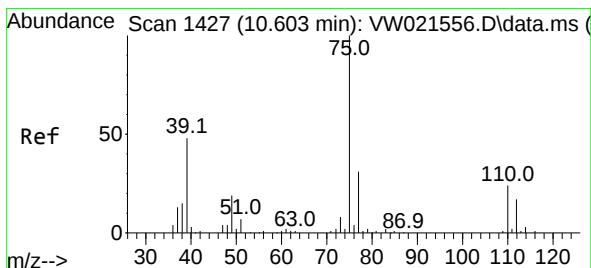
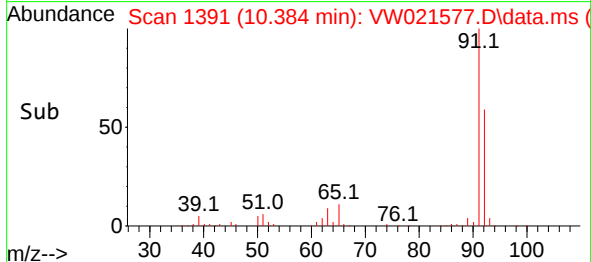
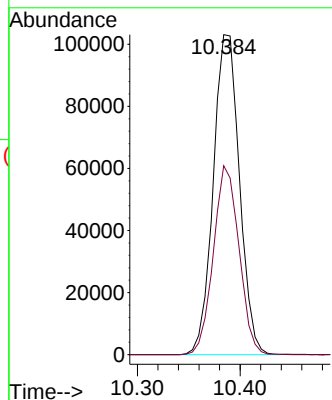
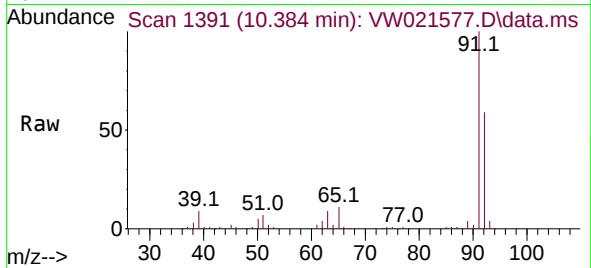




#42
Toluene
Concen: 23.651 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

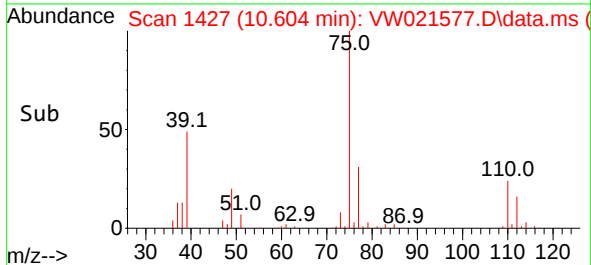
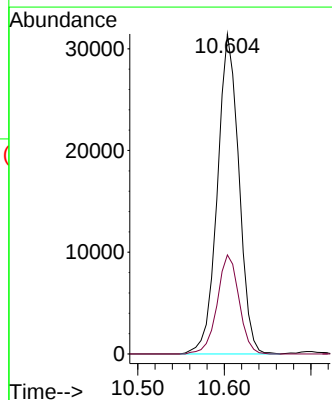
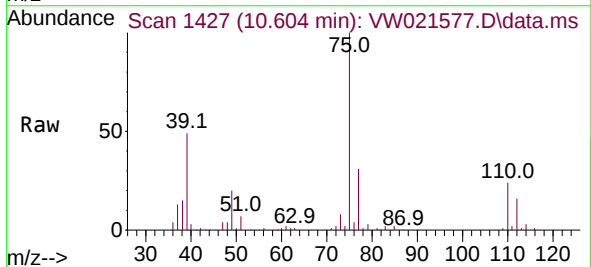
Instrument :
MSVOA_W
ClientSampleId :

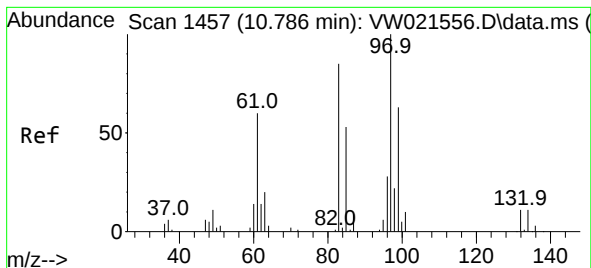
Tgt Ion: 91 Resp: 182433
Ion Ratio Lower Upper
91 100
92 59.1 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.705 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 75 Resp: 54244
Ion Ratio Lower Upper
75 100
77 31.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.190 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 31535

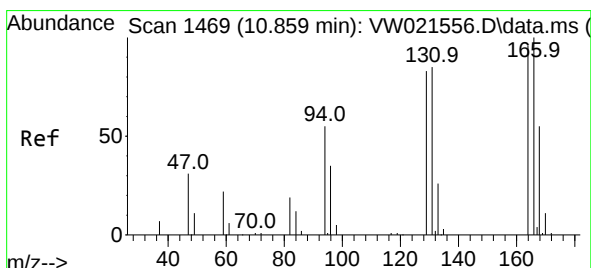
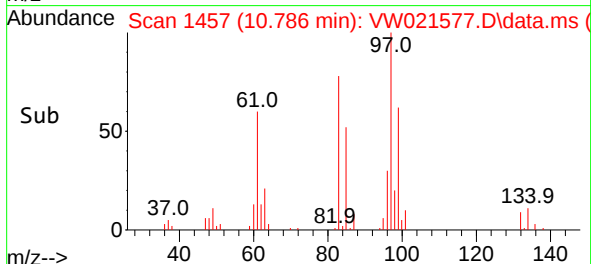
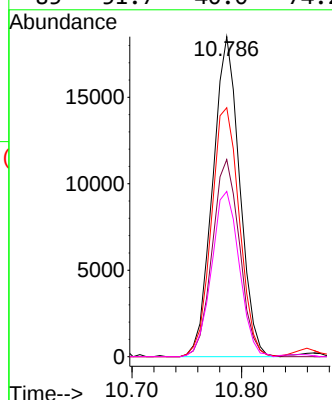
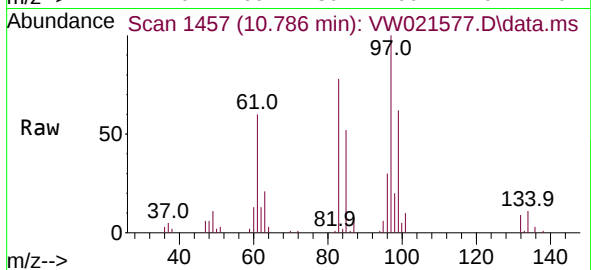
Ion Ratio Lower Upper

97 100

99 61.6 43.0 79.8

83 77.8 62.6 116.3

85 51.7 40.0 74.2



#46

Tetrachloroethene

Concen: 22.083 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Tgt Ion:164 Resp: 38839

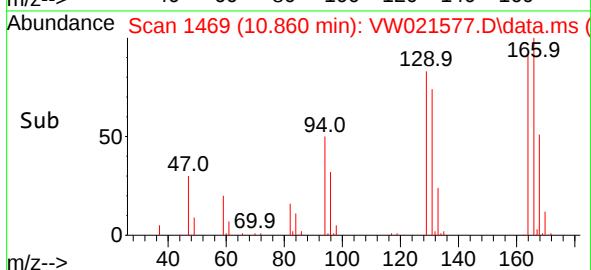
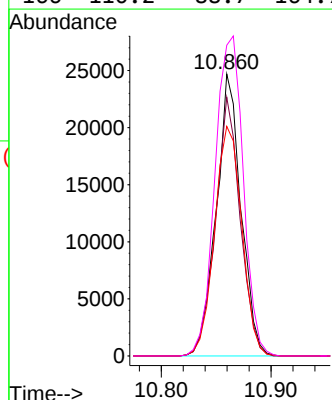
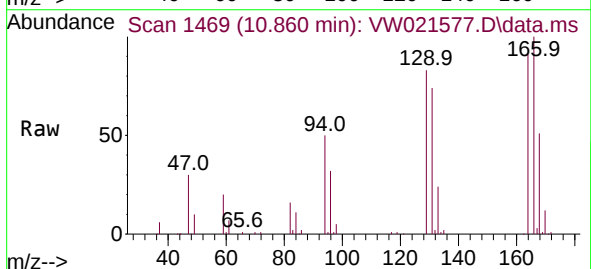
Ion Ratio Lower Upper

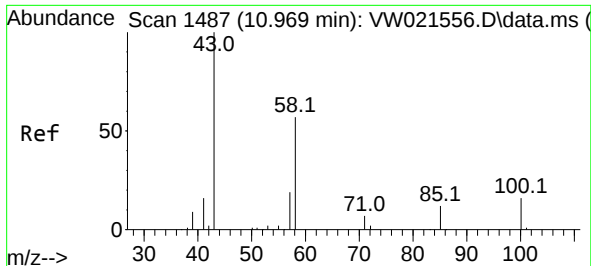
164 100

129 91.8 65.5 121.7

131 81.5 59.7 110.9

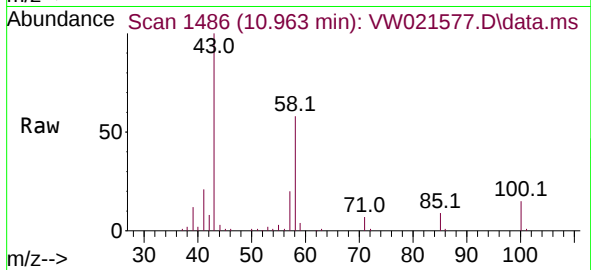
166 110.2 88.7 164.7



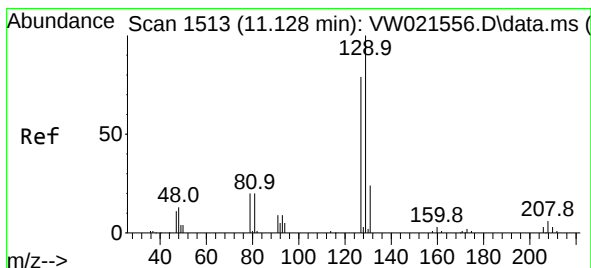
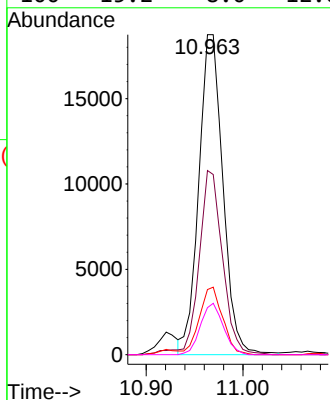
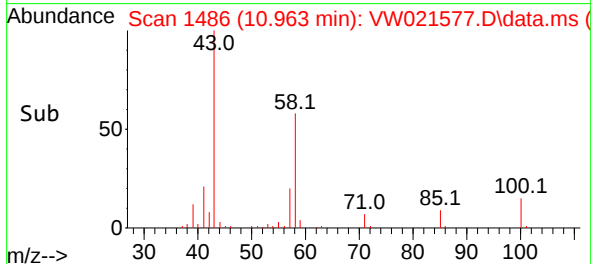


#48
2-Hexanone
Concen: 56.112 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :

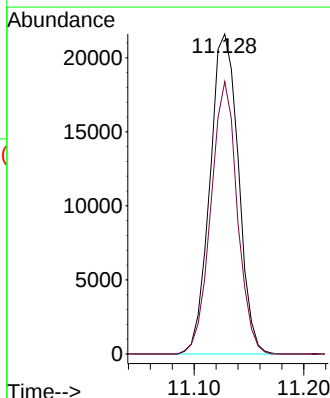
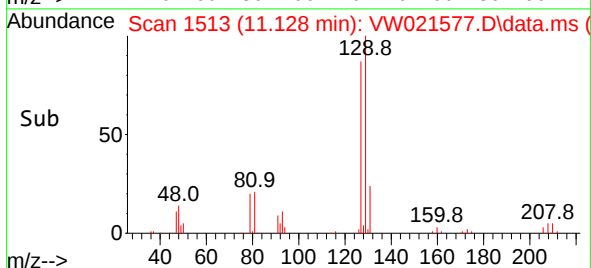
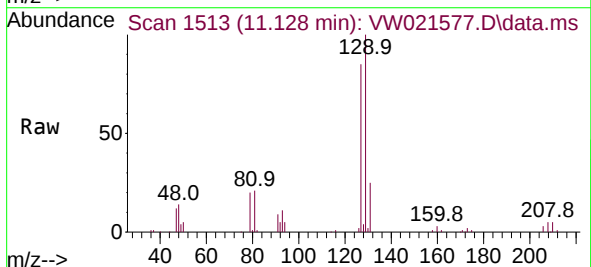


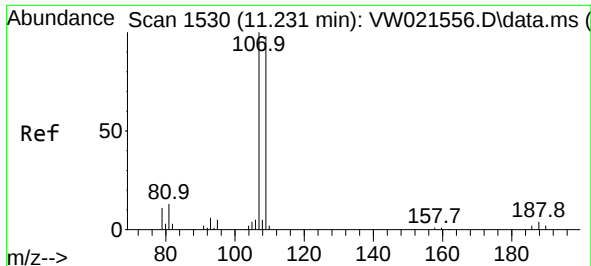
Tgt Ion: 43 Resp: 32618
Ion Ratio Lower Upper
43 100
58 54.8 40.2 60.2
57 20.2 14.3 21.5
100 15.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 26.275 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion: 129 Resp: 39003
Ion Ratio Lower Upper
129 100
127 85.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.762 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021577.D

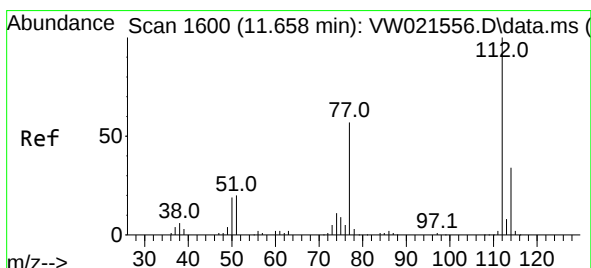
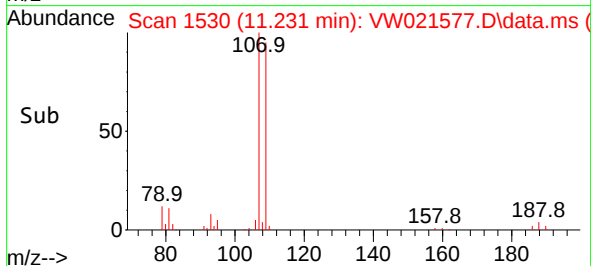
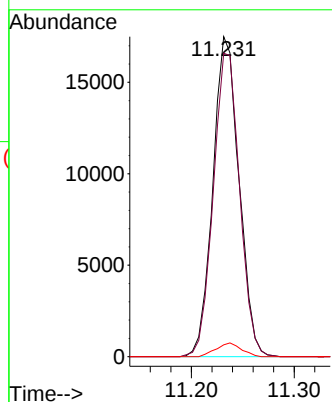
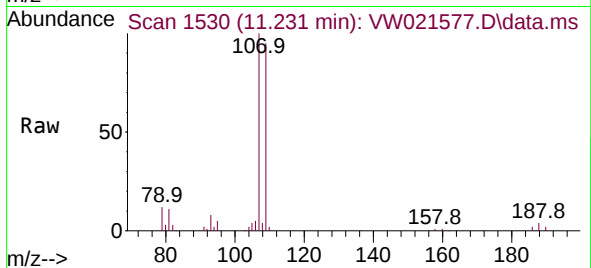
Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	30871
Ion	Ratio	Lower	Upper
107	100		
109	94.8	64.1	119.1
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 23.020 ug/L

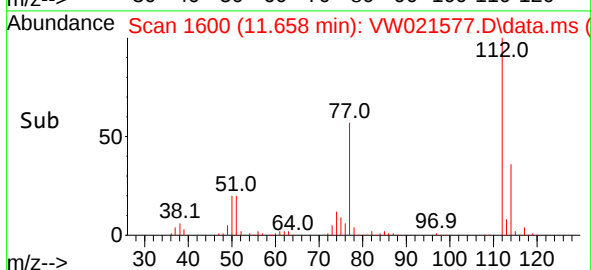
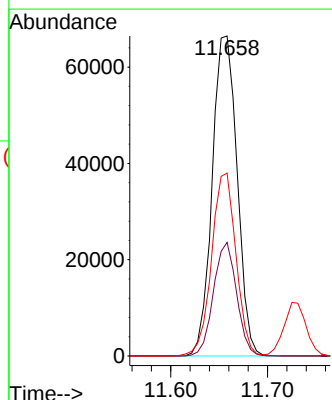
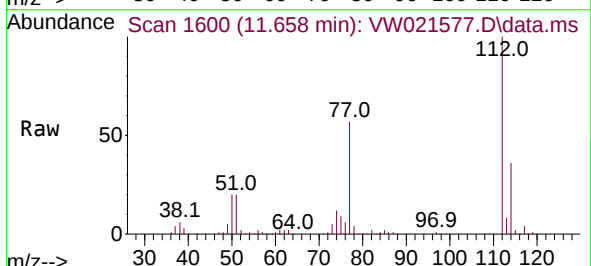
RT: 11.658 min Scan# 1600

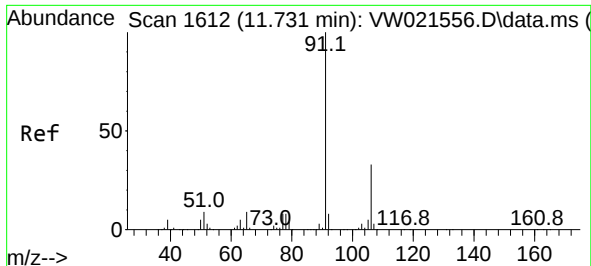
Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Tgt Ion:	112	Resp:	118881
Ion	Ratio	Lower	Upper
112	100		
114	35.5	22.4	41.6
77	57.1	50.2	75.4

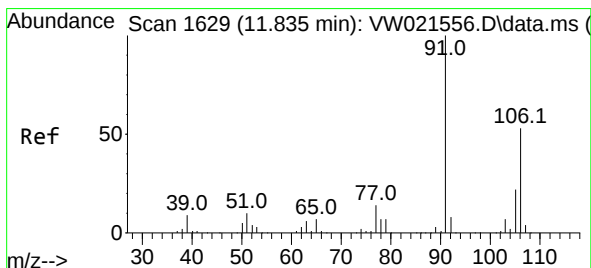
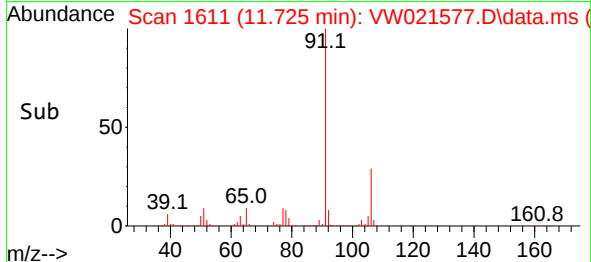
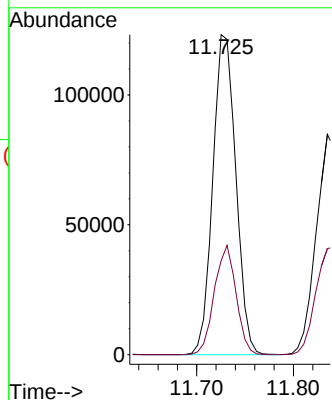
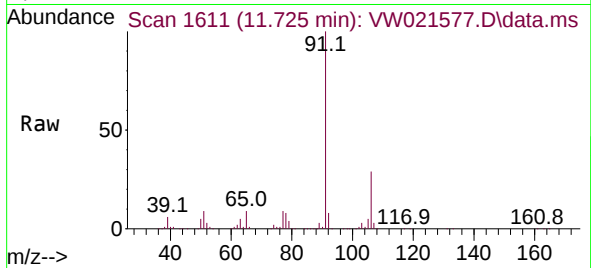




#52
Ethylbenzene
Concen: 23.153 ug/L
RT: 11.725 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

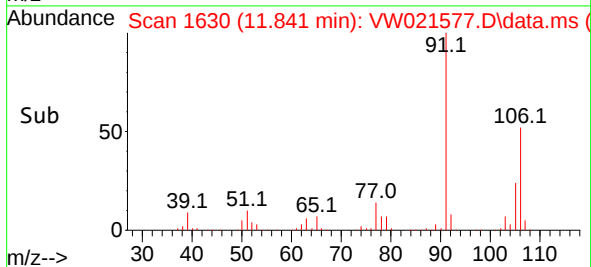
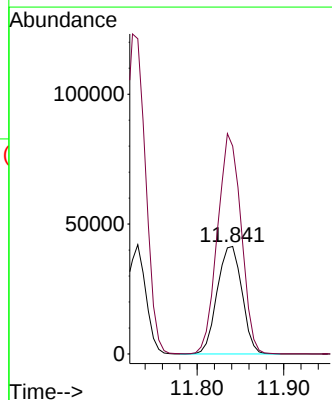
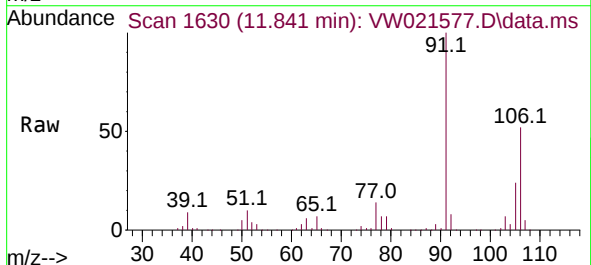
Instrument :
MSVOA_W
ClientSampleId :

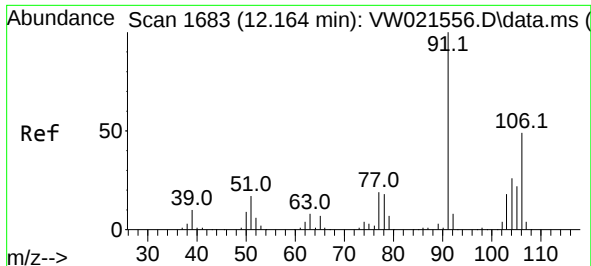
Tgt Ion: 91 Resp: 204089
Ion Ratio Lower Upper
91 100
106 29.4 21.5 39.9



#53
m,p-Xylene
Concen: 23.115 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion:106 Resp: 82197
Ion Ratio Lower Upper
106 100
91 193.4 149.9 278.3

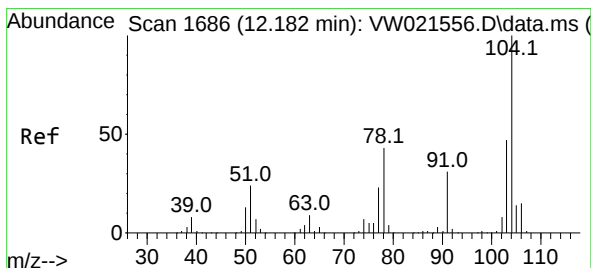
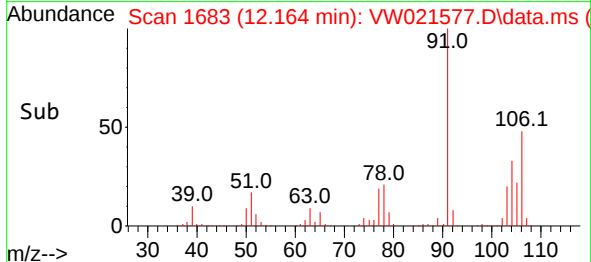
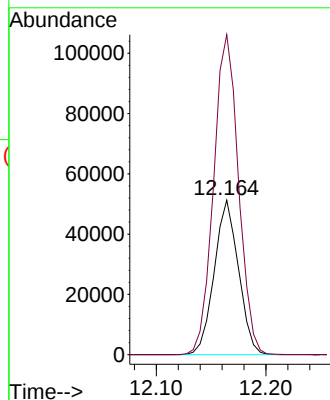
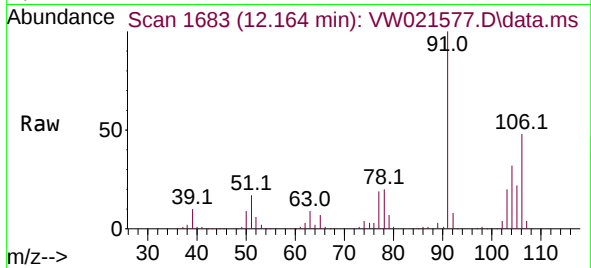




#54
o-Xylene
Concen: 23.354 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

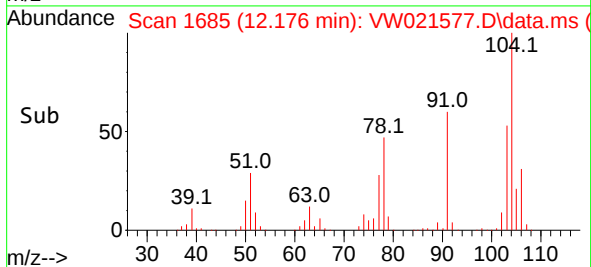
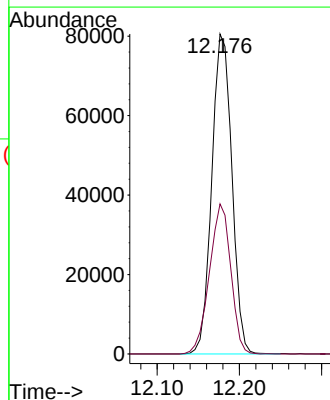
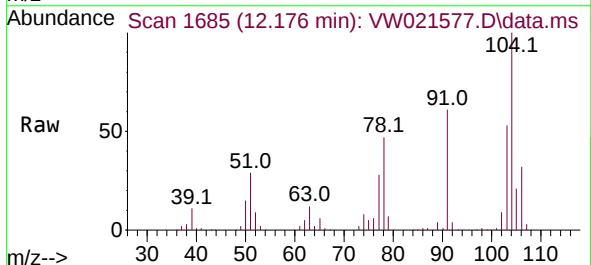
Instrument :
MSVOA_W
ClientSampleId :

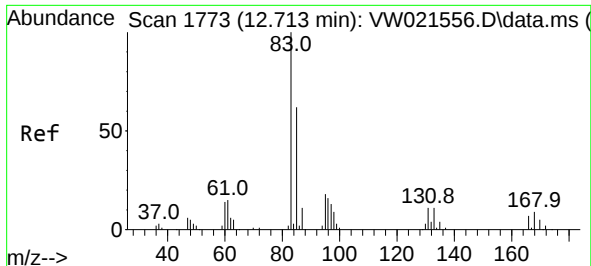
Tgt Ion:106 Resp: 78813
Ion Ratio Lower Upper
106 100
91 207.1 153.6 285.3



#55
Styrene
Concen: 23.797 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion:104 Resp: 136681
Ion Ratio Lower Upper
104 100
78 46.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.993 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021577.D

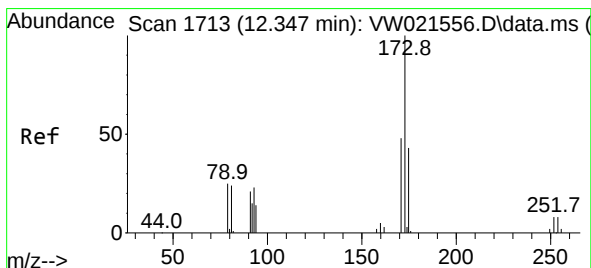
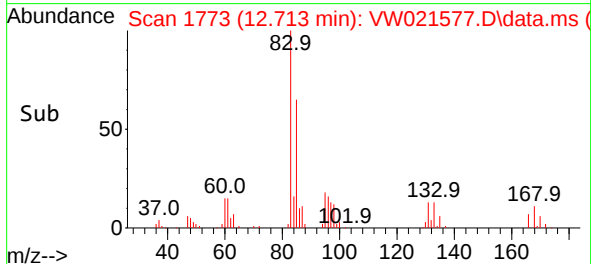
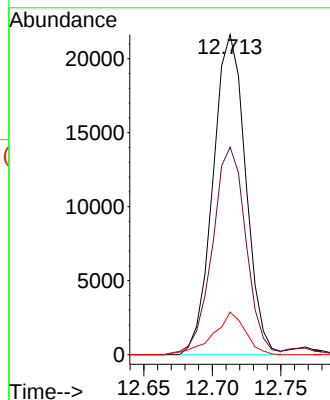
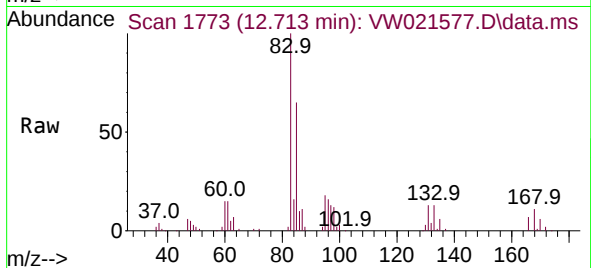
Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	35878
Ion Ratio	Lower	Upper	
83	100		
85	64.9	44.0	81.6
131	13.3	6.9	10.3



#59

Bromoform

Concen: 27.624 ug/L

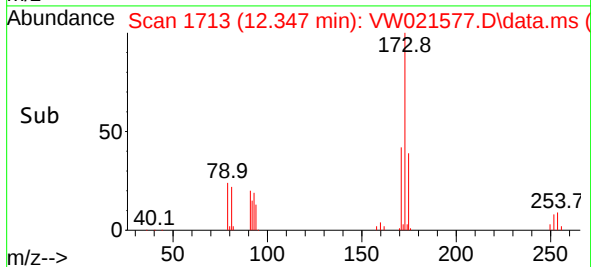
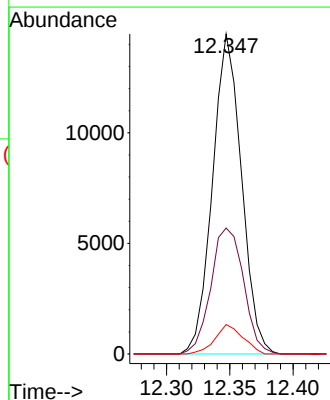
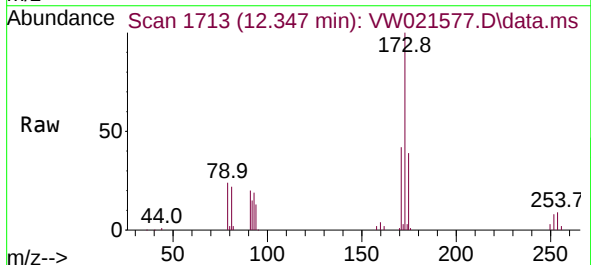
RT: 12.347 min Scan# 1713

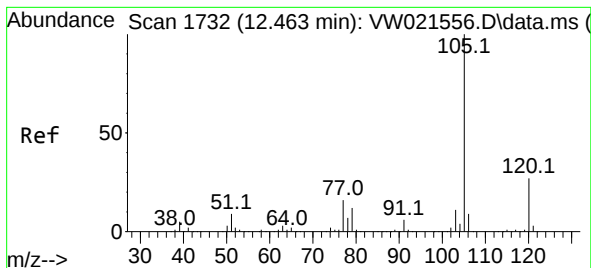
Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Tgt Ion:	173	Resp:	23009
Ion Ratio	Lower	Upper	
173	100		
175	44.5	39.6	59.4
254	8.8	7.4	11.0





#60

Isopropylbenzene

Concen: 23.443 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

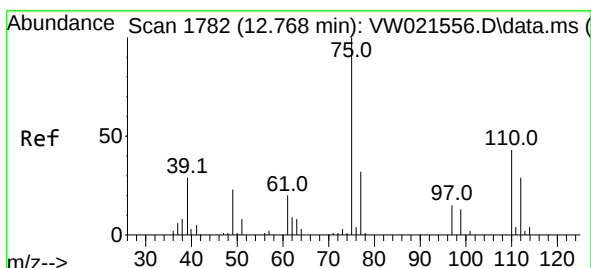
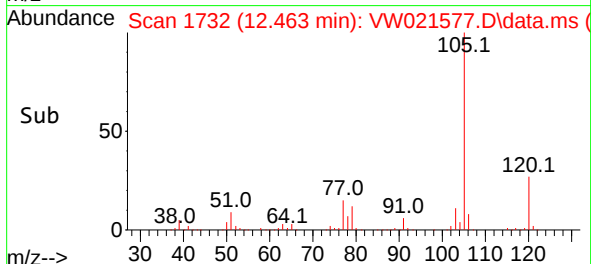
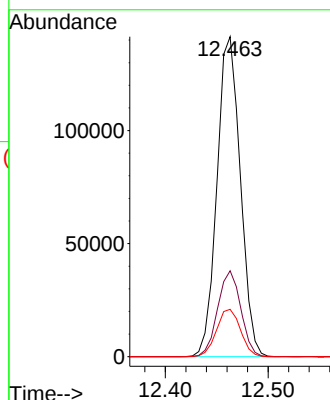
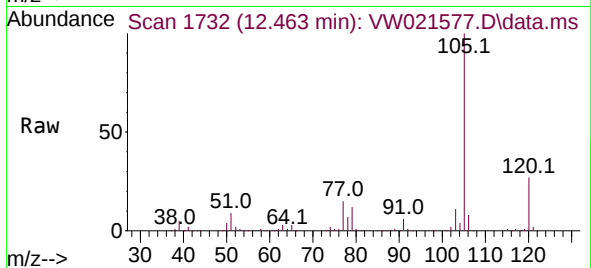
Tgt Ion:105 Resp: 222991

Ion Ratio Lower Upper

105 100

120 26.6 20.1 30.1

77 15.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 26.572 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

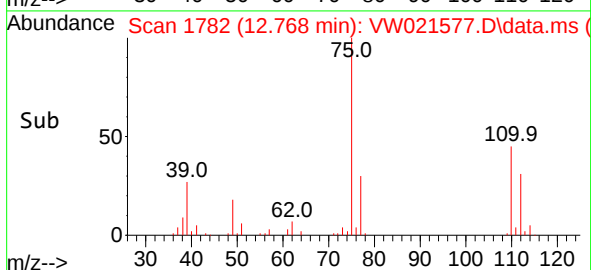
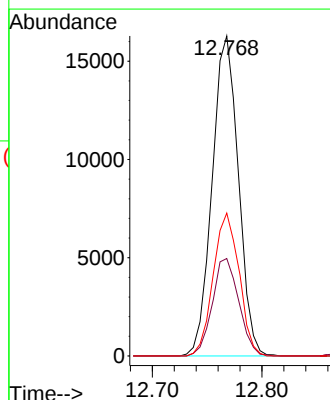
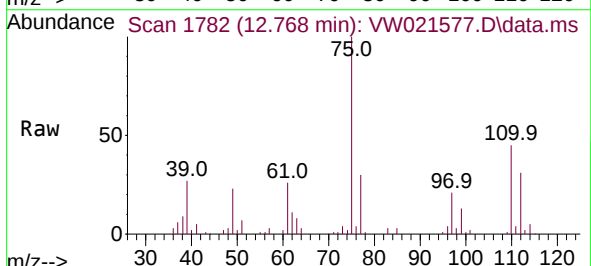
Tgt Ion: 75 Resp: 27072

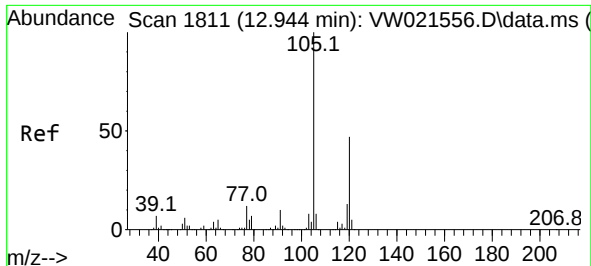
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

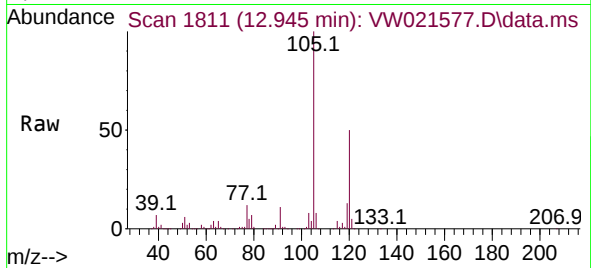
110 44.0 29.0 43.4#



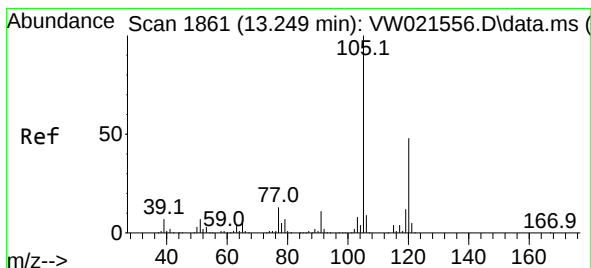
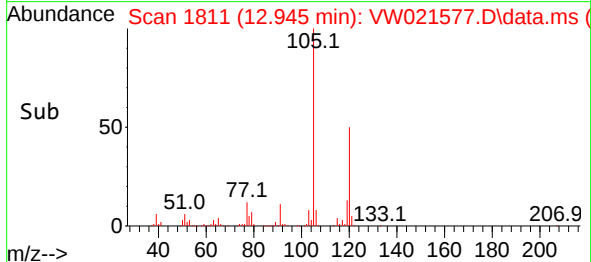
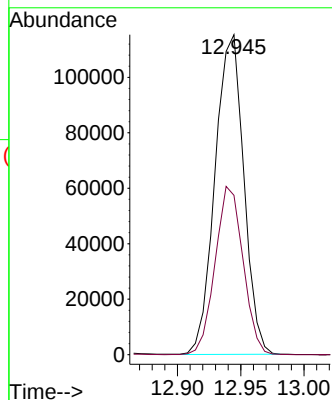


#62
1,3,5-Trimethylbenzene
Concen: 22.511 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Instrument :
MSVOA_W
ClientSampleId :

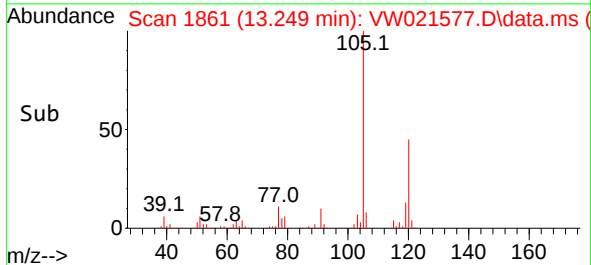
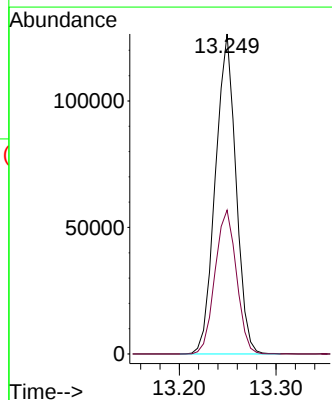
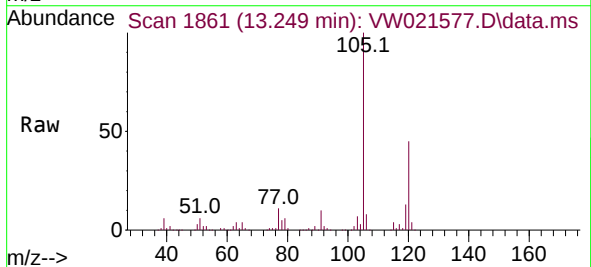


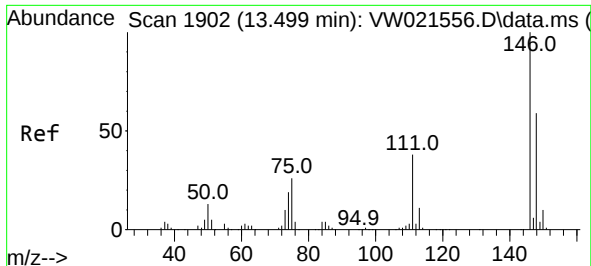
Tgt Ion:105 Resp: 182211
Ion Ratio Lower Upper
105 100
120 51.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.351 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion:105 Resp: 186457
Ion Ratio Lower Upper
105 100
120 46.8 35.0 52.6

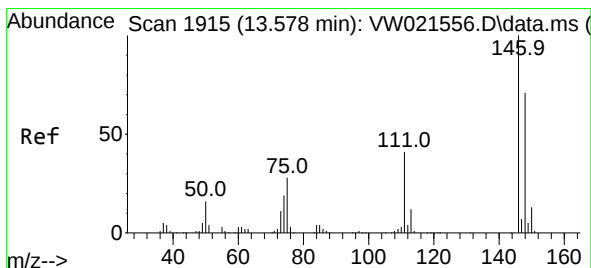
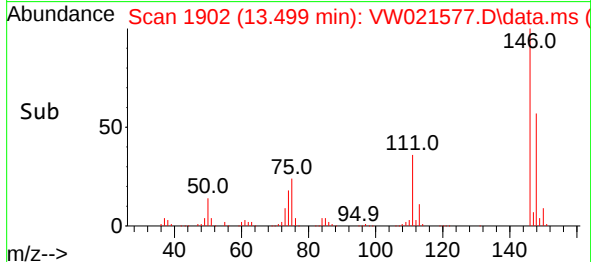
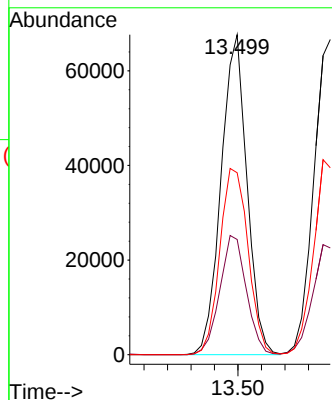
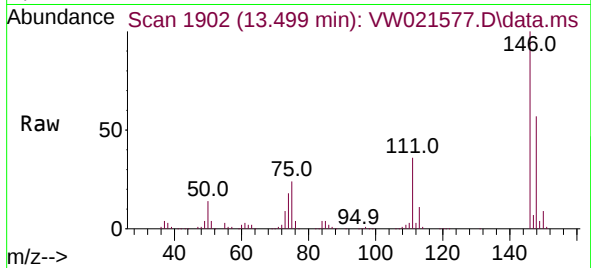




#64
1,3-Dichlorobenzene
Concen: 23.106 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

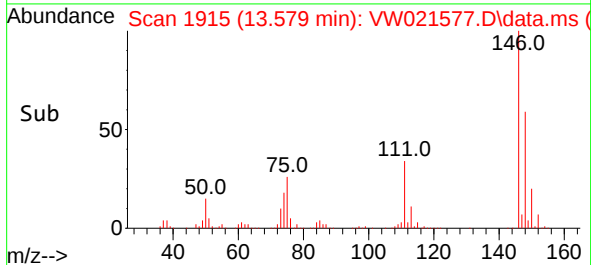
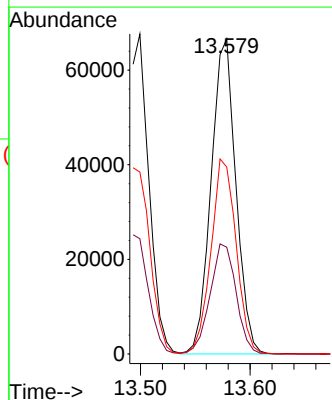
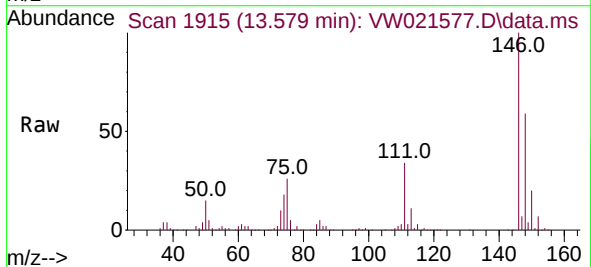
Instrument :
MSVOA_W
ClientSampleId :

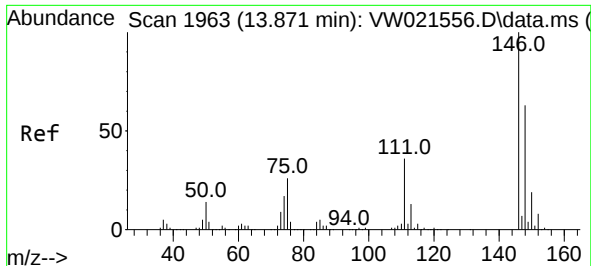
Tgt Ion:146 Resp: 103669
Ion Ratio Lower Upper
146 100
111 36.0 29.8 55.3
148 56.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.516 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021577.D
Acq: 22 Dec 2021 20:54

Tgt Ion:146 Resp: 104828
Ion Ratio Lower Upper
146 100
111 33.8 29.0 53.9
148 59.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.898 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

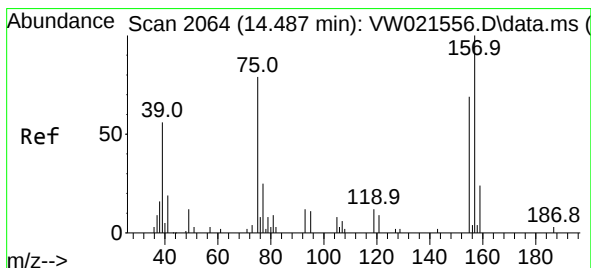
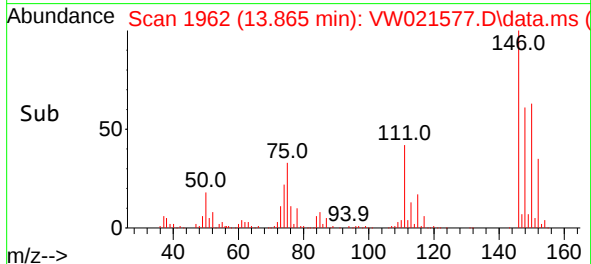
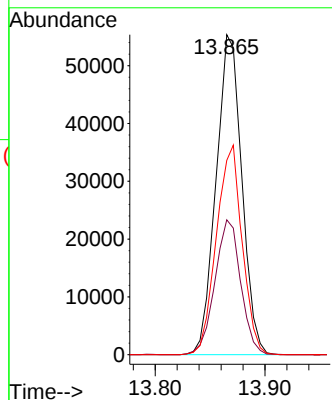
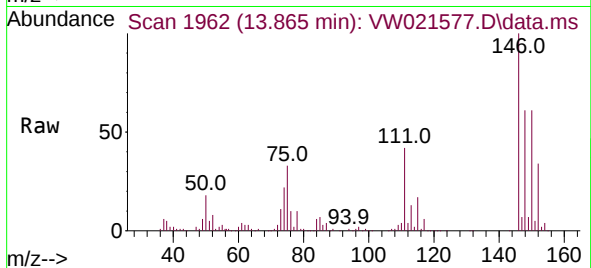
Tgt Ion:146 Resp: 90448

Ion Ratio Lower Upper

146 100

111 42.1 33.1 49.7

148 60.7 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.787 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

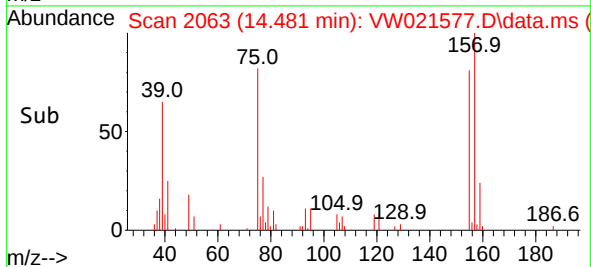
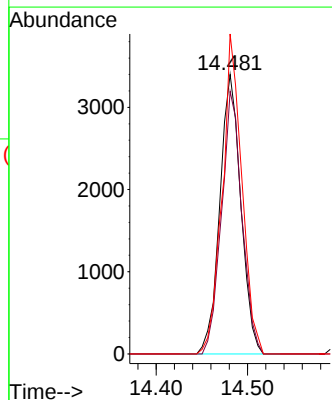
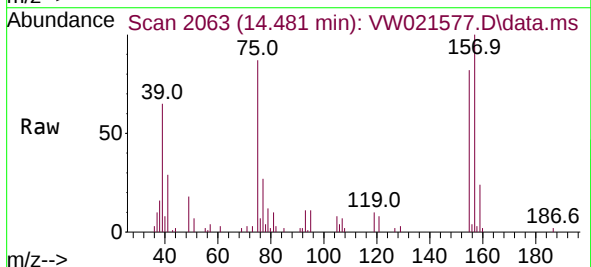
Tgt Ion: 75 Resp: 5419

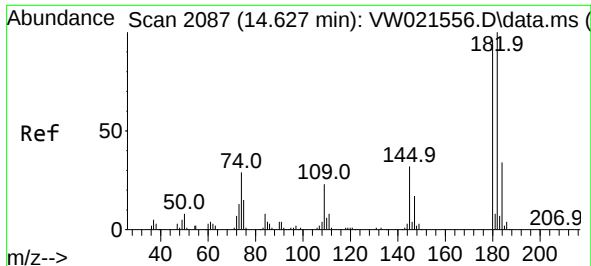
Ion Ratio Lower Upper

75 100

155 94.0 54.2 81.2#

157 114.5 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 22.450 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

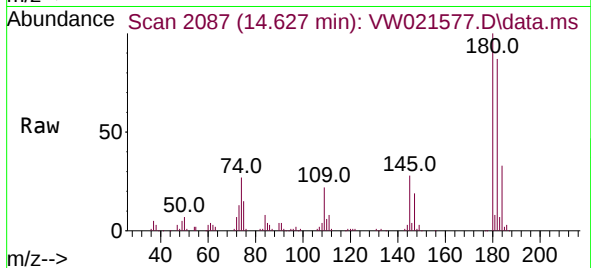
Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 75284

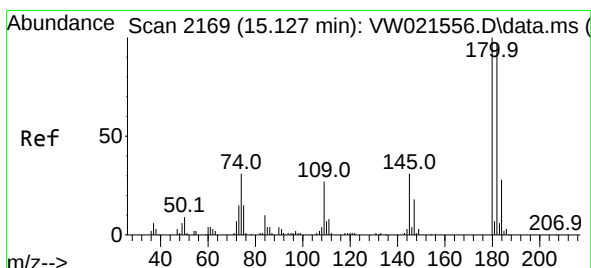
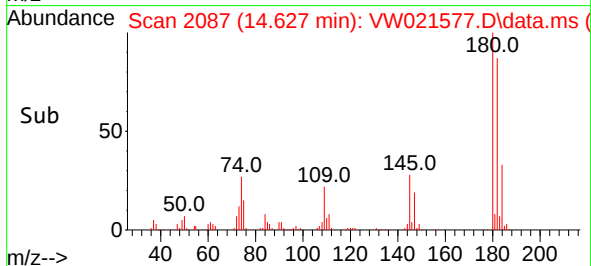
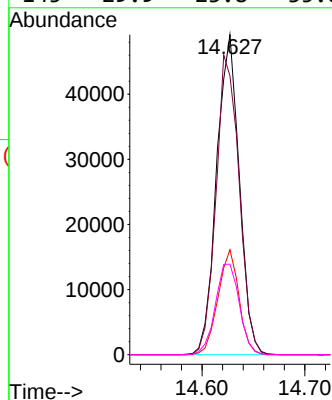
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

184 30.3 23.8 35.8

145 29.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.089 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

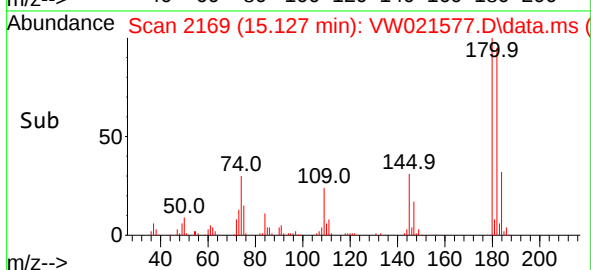
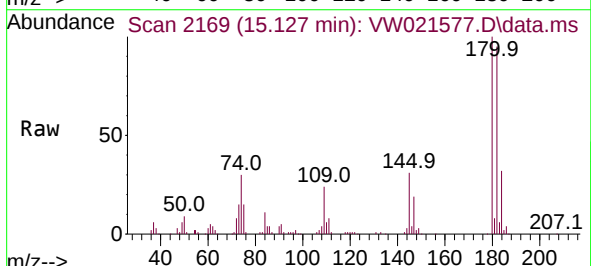
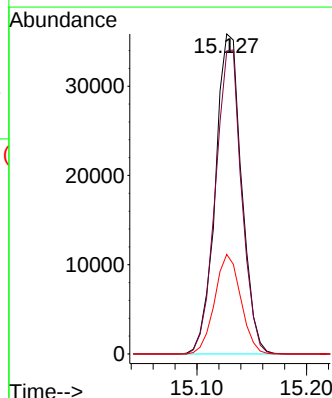
Tgt Ion:180 Resp: 59579

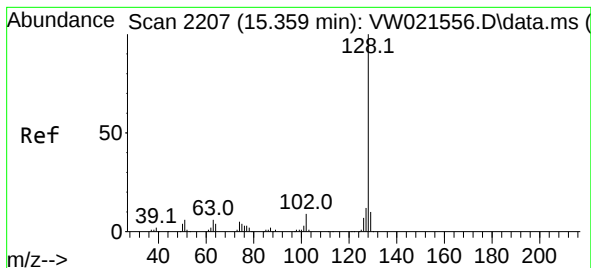
Ion Ratio Lower Upper

180 100

182 94.9 79.0 118.6

145 30.9 26.0 39.0





#71

Naphthalene

Concen: 24.261 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Instrument :

MSVOA_W

ClientSampleId :

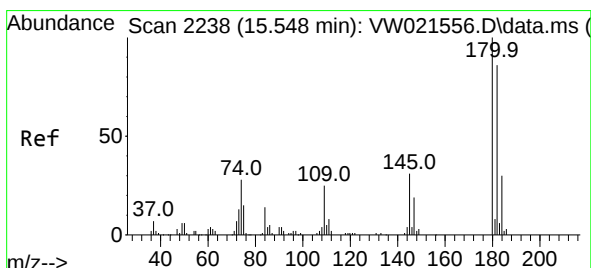
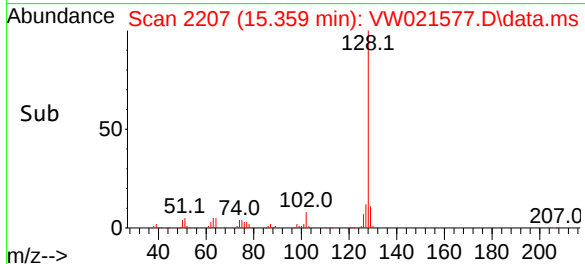
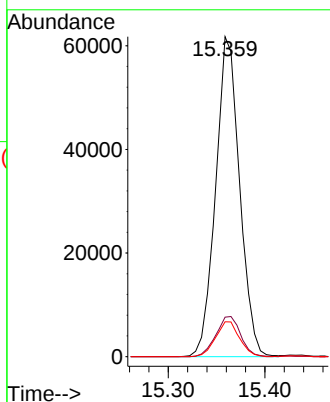
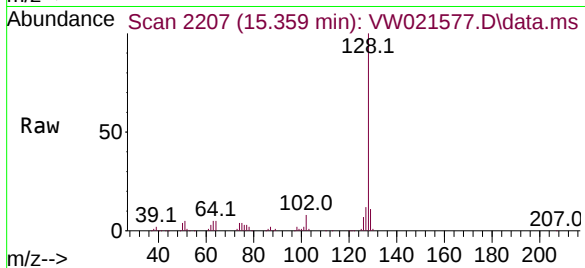
Tgt Ion:128 Resp: 106313

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.410 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021577.D

Acq: 22 Dec 2021 20:54

Tgt Ion:180 Resp: 47725

Ion Ratio Lower Upper

180 100

182 99.8 76.6 114.8

145 31.7 27.4 41.0

