

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021686.D
 Acq On : 28 Dec 2021 22:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 29 00:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	84019	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	86270	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47226	28.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.040%	
7) Chloroethane-d5	2.879	69	30702	27.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.080%	
11) 1,1-Dichloroethene-d2	4.013	63	59227	24.431	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.720%	
21) 2-Butanone-d5	7.092	46	12547	51.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.540%	
24) Chloroform-d	7.653	84	68988	26.286	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.160%	
26) 1,2-Dichloroethane-d4	8.305	65	36035	26.002	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.000%	
32) Benzene-d6	8.275	84	128914	25.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.680%	
36) 1,2-Dichloropropane-d6	9.274	67	34598	24.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.600%	
41) Toluene-d8	10.323	98	128075	25.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.360%	
43) trans-1,3-Dichloroprop...	10.579	79	16974	25.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.400%	
47) 2-Hexanone-d5	10.927	63	10979	52.095	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.200%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29505	25.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.000%	
66) 1,2-Dichlorobenzene-d4	13.847	152	48849	24.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15014	30.136	ug/L	96
3) Chloromethane	2.209	50	35328	27.454	ug/L	99
5) Vinyl chloride	2.355	62	50386	26.549	ug/L	94
6) Bromomethane	2.776	94	32798	26.560	ug/L	98
8) Chloroethane	2.916	64	23419	25.896	ug/L	98
9) Trichlorofluoromethane	3.251	101	26032	22.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	34034	24.473	ug/L	90
12) 1,1-Dichloroethene	4.038	96	30343	24.395	ug/L	85
13) Acetone	4.153	43	8799	42.759	ug/L	69
14) Carbon disulfide	4.385	76	91601	25.449	ug/L	100
16) Methylene chloride	4.909	84	34283	22.857	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	33116	25.203	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	47108	25.747	ug/L #	81
19) 1,1-Dichloroethane	6.214	63	52250	25.488	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	34846	25.548	ug/L	72
22) 2-Butanone	7.189	43	13307	47.567	ug/L	87
23) Bromochloromethane	7.519	128	17131	25.983	ug/L #	61
25) Chloroform	7.677	83	60207	25.460	ug/L	97
27) 1,2-Dichloroethane	8.403	62	38998	25.426	ug/L	97

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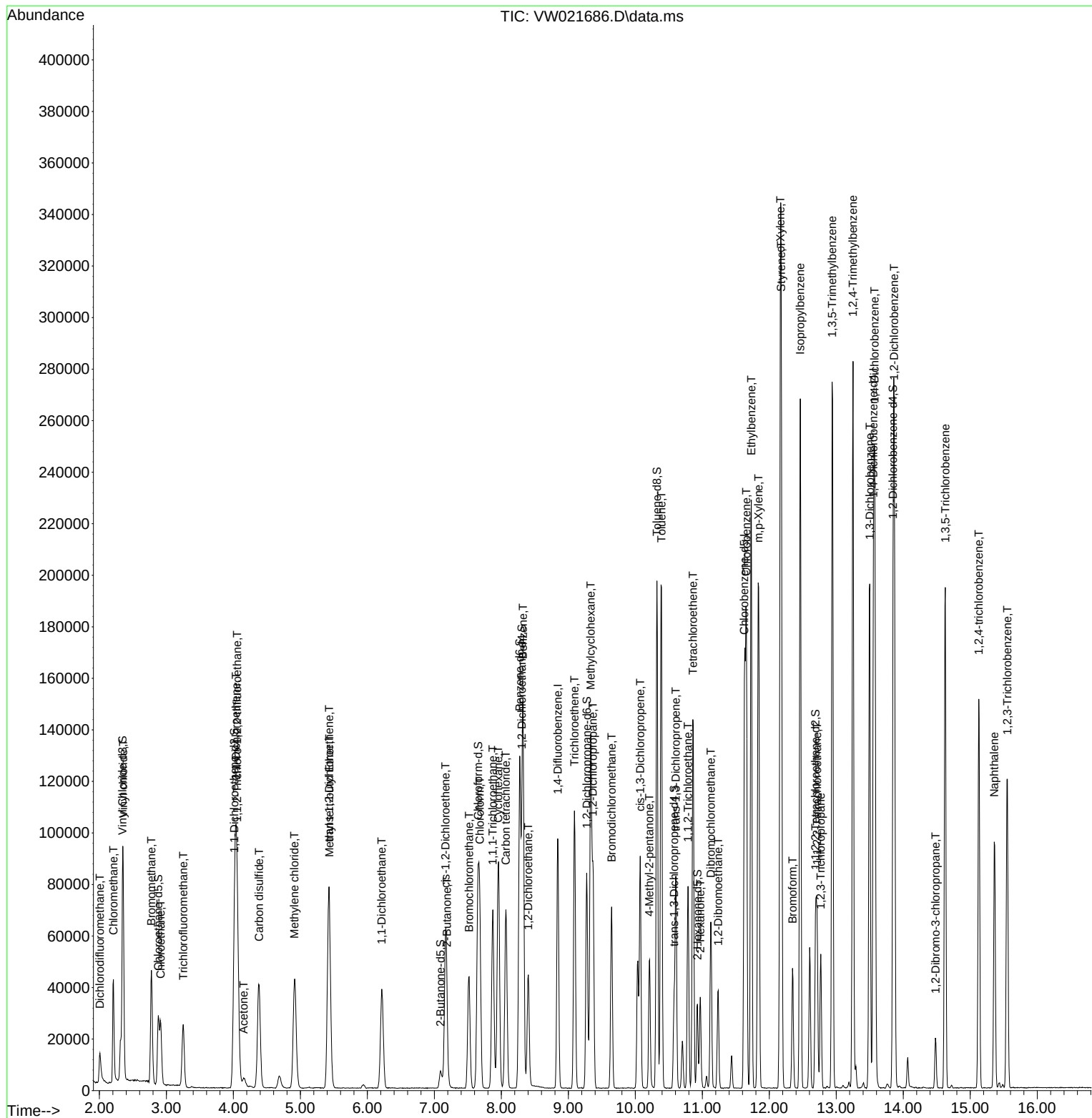
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	45961	23.038	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	54191	23.808	ug/L	94
31) Carbon tetrachloride	8.067	117	52654	23.788	ug/L	99
33) Benzene	8.323	78	125737	23.887	ug/L	100
34) Trichloroethene	9.092	95	35842	23.986	ug/L	95
35) Methylcyclohexane	9.335	83	56941	23.096	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	28576	24.496	ug/L #	96
38) Bromodichloromethane	9.646	83	44964	25.253	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	47545	24.945	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	31494	49.008	ug/L #	93
42) Toluene	10.390	91	144845	23.838	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	41993	24.521	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	23828	24.592	ug/L	91
46) Tetrachloroethene	10.860	164	32602	23.298	ug/L	94
48) 2-Hexanone	10.969	43	21426	49.096	ug/L #	93
49) Dibromochloromethane	11.128	129	33654	25.851	ug/L	100
50) 1,2-Dibromoethane	11.238	107	24153	24.820	ug/L #	98
51) Chlorobenzene	11.658	112	94590	24.127	ug/L	93
52) Ethylbenzene	11.731	91	158493	23.237	ug/L	97
53) m,p-Xylene	11.841	106	65341	23.908	ug/L	92
54) o-Xylene	12.164	106	62500	24.128	ug/L	91
55) Styrene	12.176	104	109375	24.586	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	26772	24.978	ug/L #	96
59) Bromoform	12.347	173	21440	27.736	ug/L	95
60) Isopropylbenzene	12.463	105	170370	23.075	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	18994	23.435	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	147057	23.559	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	146832	23.681	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	81033	23.245	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	81375	23.411	ug/L	87
67) 1,2-Dichlorobenzene	13.865	146	73415	24.122	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4658	26.101	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	63688	24.870	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	50782	24.844	ug/L	92
71) Naphthalene	15.359	128	84280	25.341	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	43866	25.494	ug/L	97

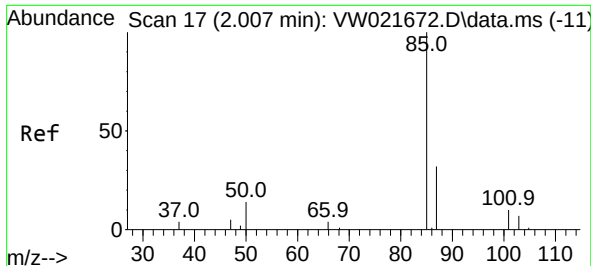
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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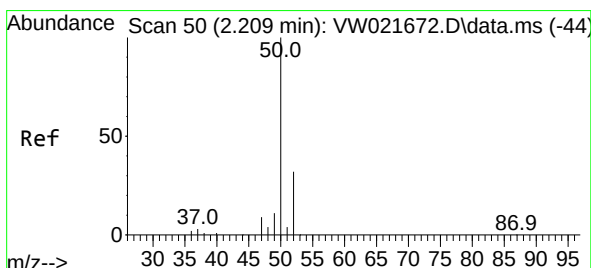
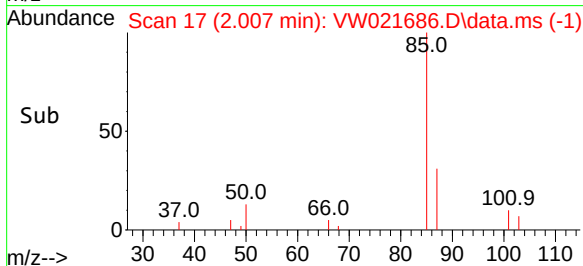
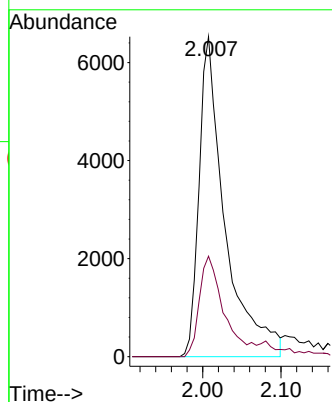
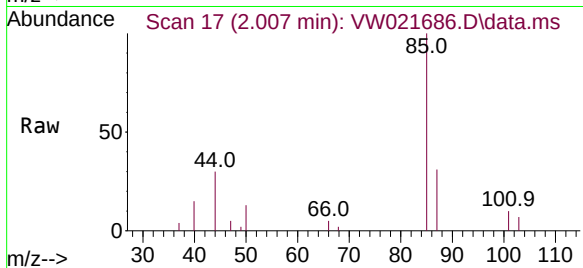




#2
 Dichlorodifluoromethane
 Concen: 30.136 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

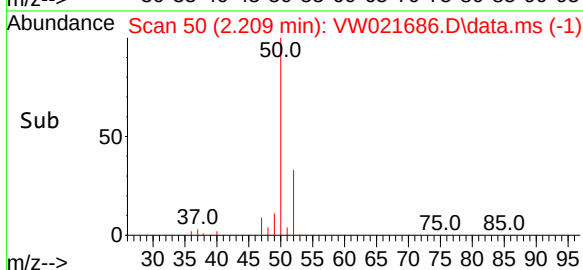
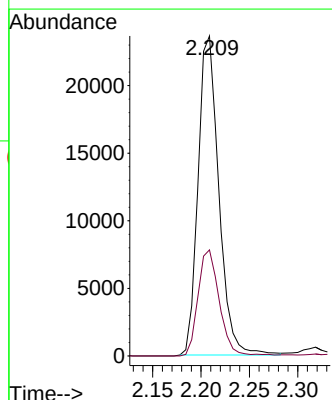
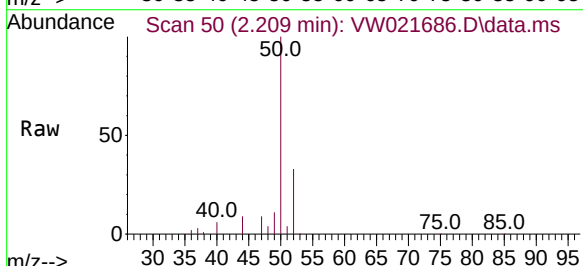
Instrument :
 MSVOA_W
 ClientSampleId :

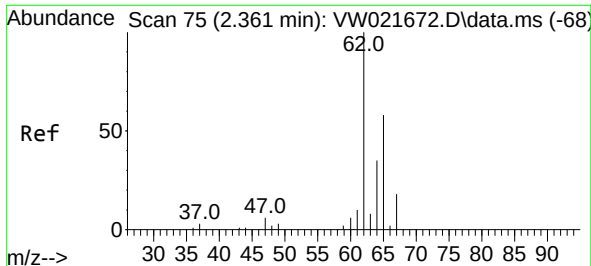
Tgt Ion: 85 Resp: 15014
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.8 38.6



#3
 Chloromethane
 Concen: 27.454 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

Tgt Ion: 50 Resp: 35328
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6

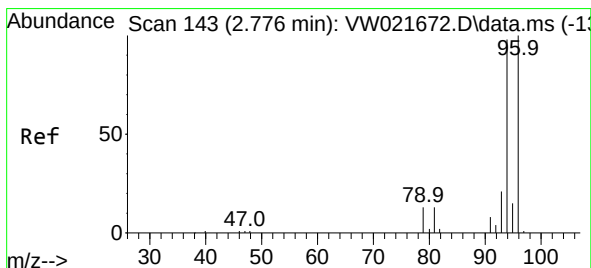
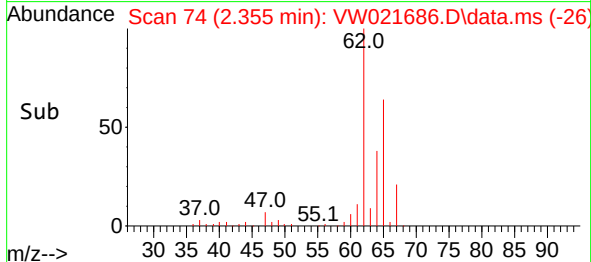
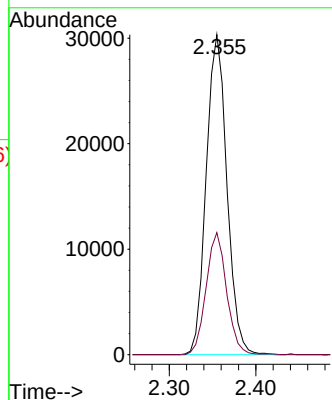
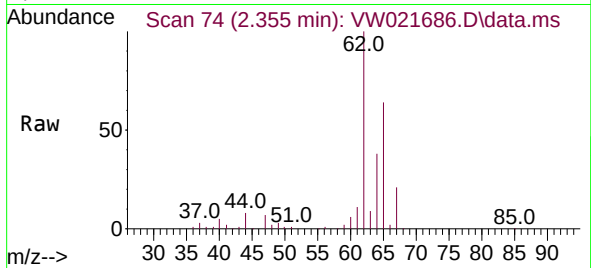




#5
 Vinyl chloride
 Concen: 26.549 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

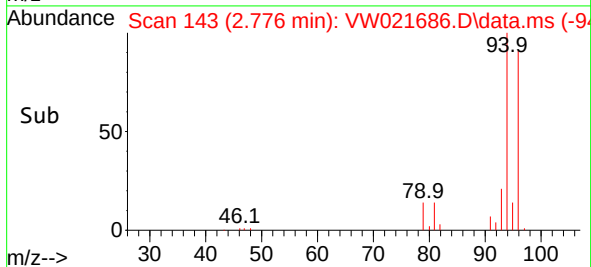
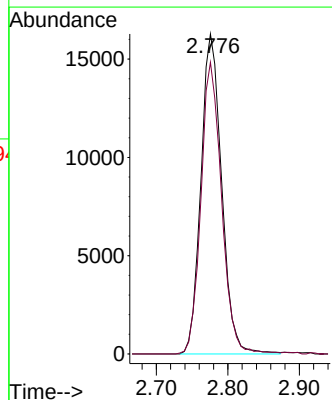
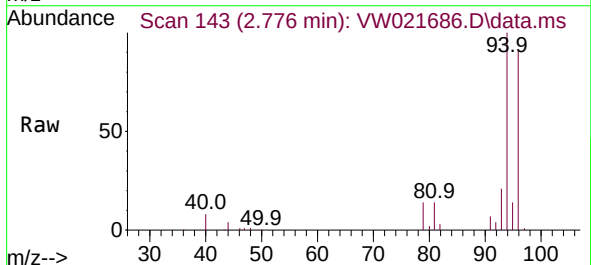
Instrument :
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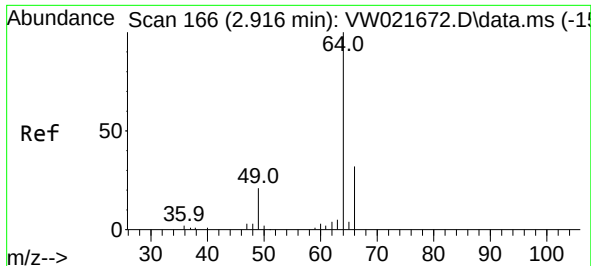
Tgt Ion: 62 Resp: 50386
 Ion Ratio Lower Upper
 62 100
 64 38.2 24.4 45.2



#6
 Bromomethane
 Concen: 26.560 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

Tgt Ion: 94 Resp: 32798
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.8 120.4

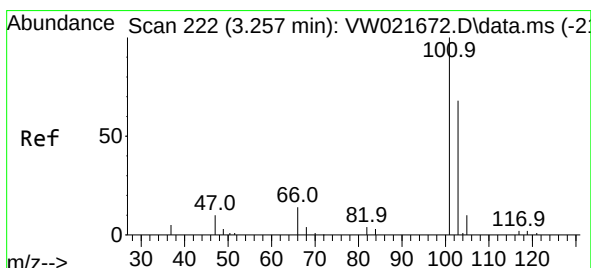
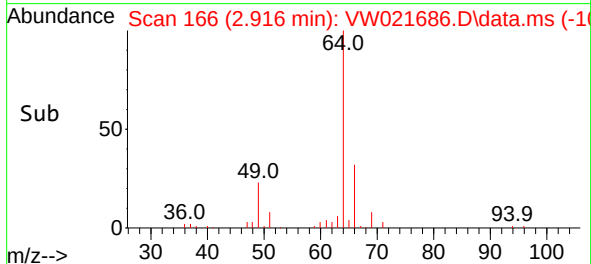
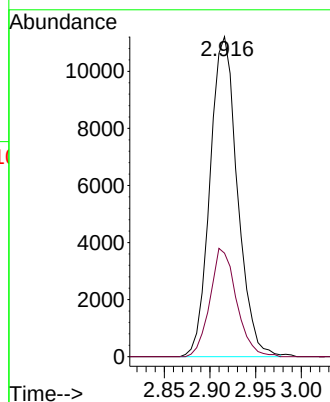
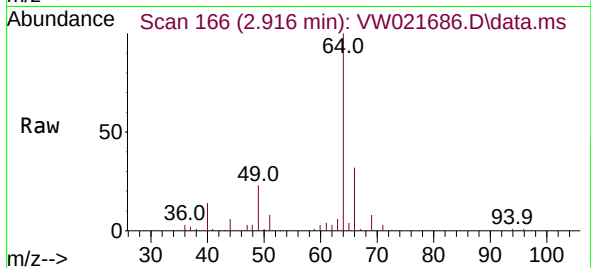




#8
Chloroethane
Concen: 25.896 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

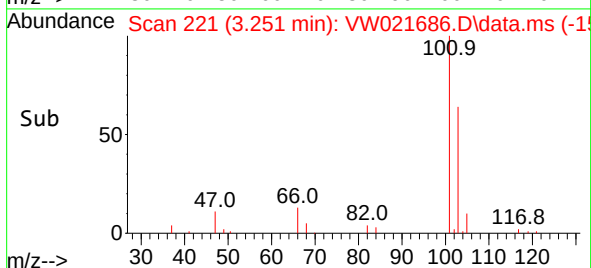
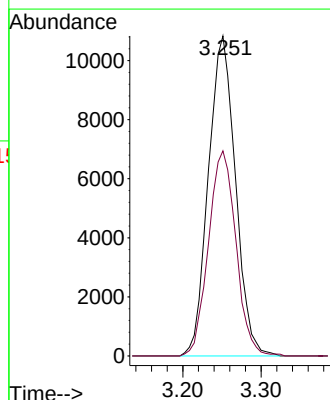
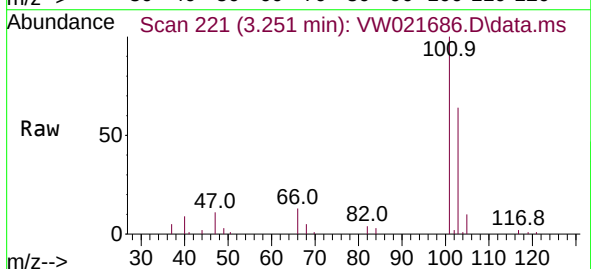
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MSVOA_W
ClientSampleId :

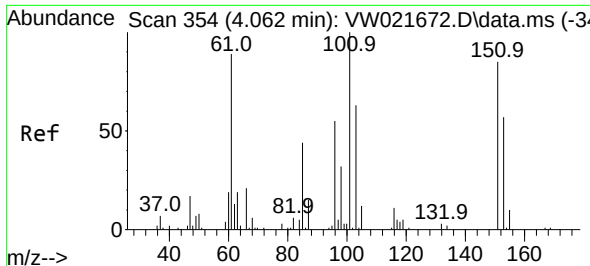
Tgt Ion: 64 Resp: 23419
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.798 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion:101 Resp: 26032
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

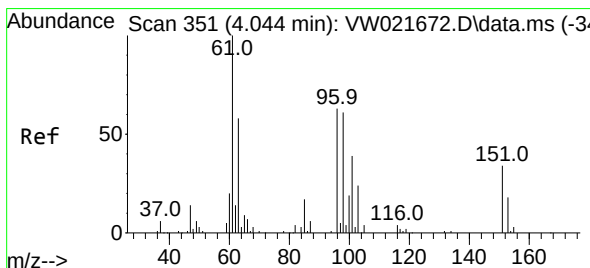
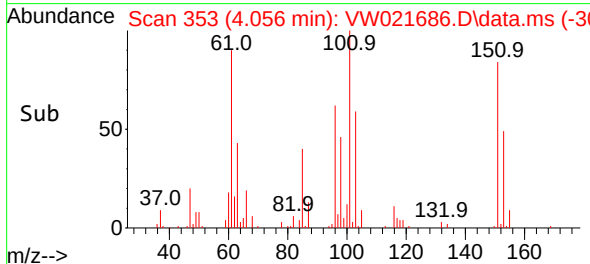
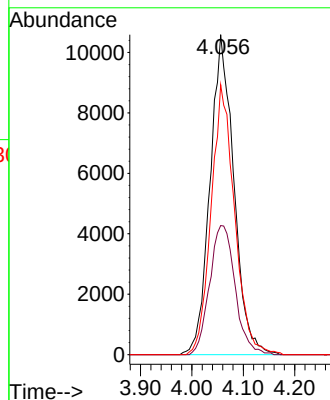
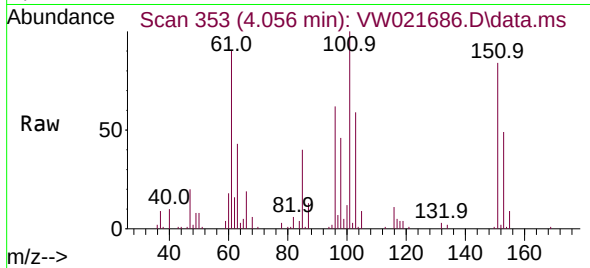




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.473 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

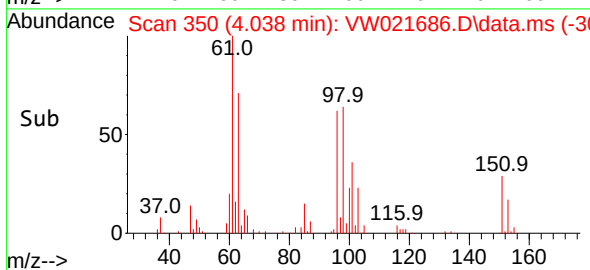
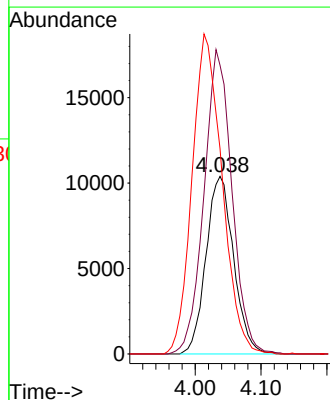
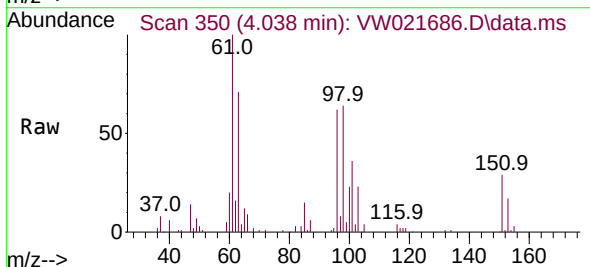
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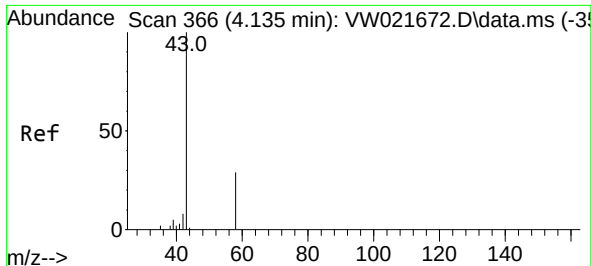
Tgt Ion:101 Resp: 34034
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.6 54.8
 151 83.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.395 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

Tgt Ion: 96 Resp: 30343
 Ion Ratio Lower Upper
 96 100
 61 162.6 138.3 256.9
 63 115.6 82.6 153.4





#13

Acetone

Concen: 42.759 ug/L

RT: 4.153 min Scan# 369

Delta R.T. 0.018 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

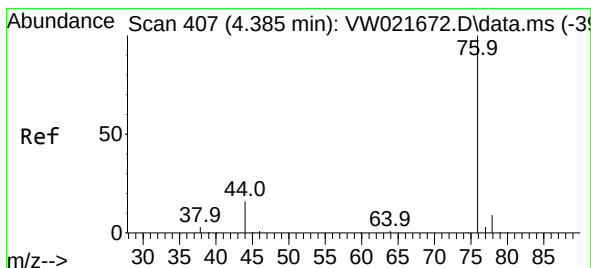
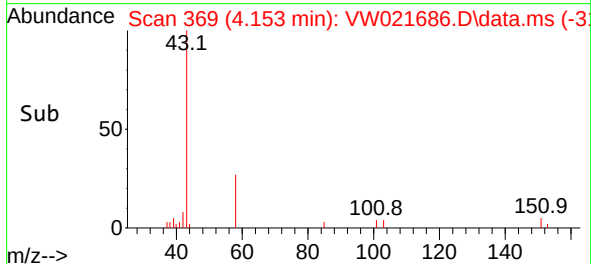
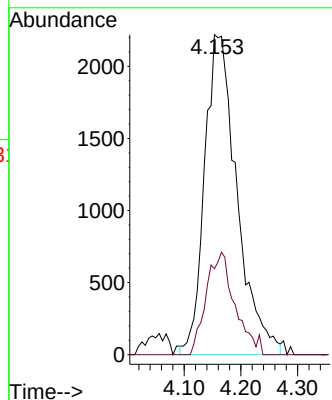
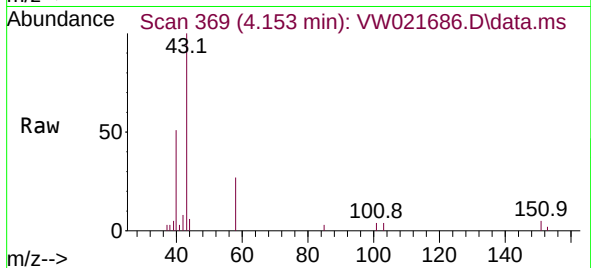
ClientSampleId :

Tgt Ion: 43 Resp: 8799

Ion Ratio Lower Upper

43 100

58 10.4 0.0 52.8



#14

Carbon disulfide

Concen: 25.449 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021686.D

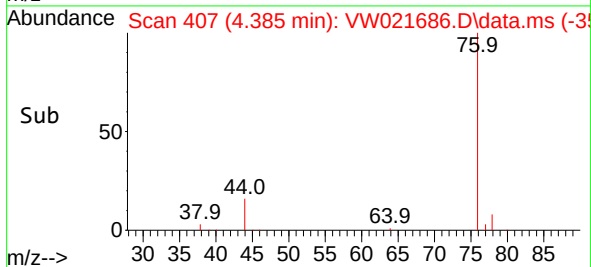
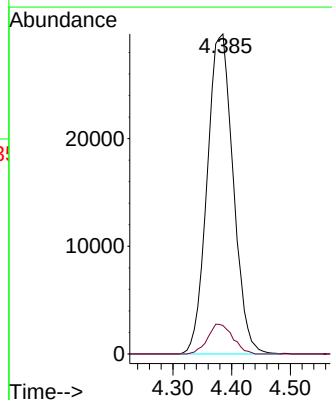
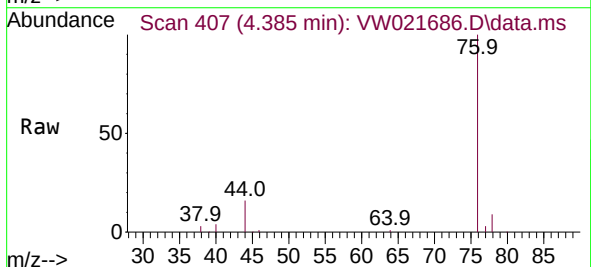
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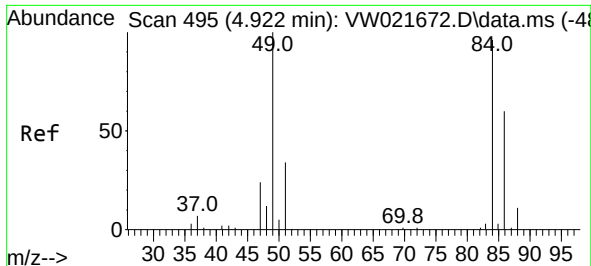
Tgt Ion: 76 Resp: 91601

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

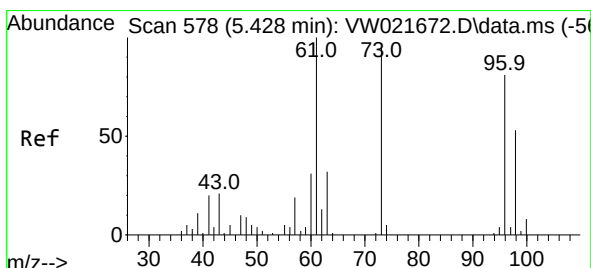
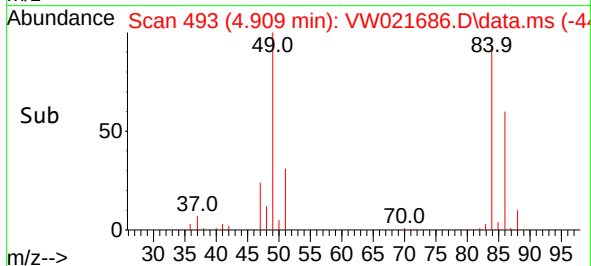
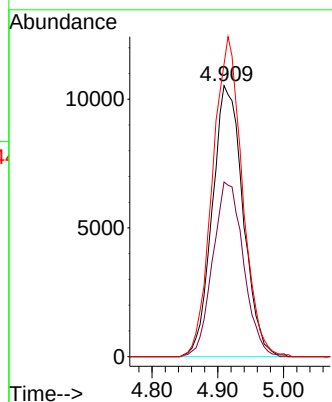
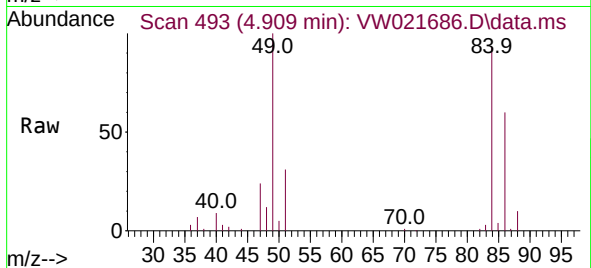




#16
Methylene chloride
Concen: 22.857 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

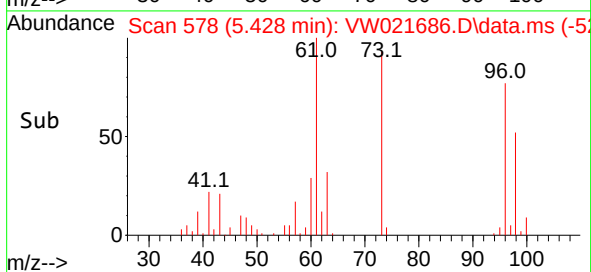
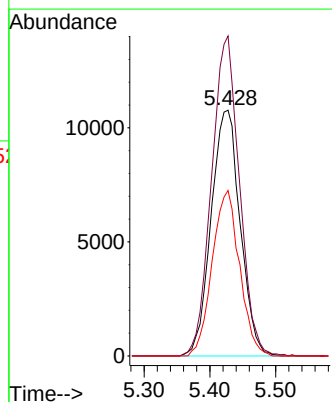
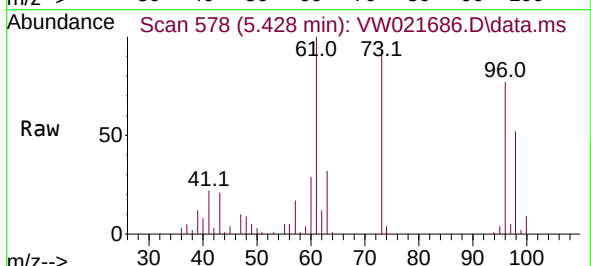
Instrument :
MSVOA_W
ClientSampleId :

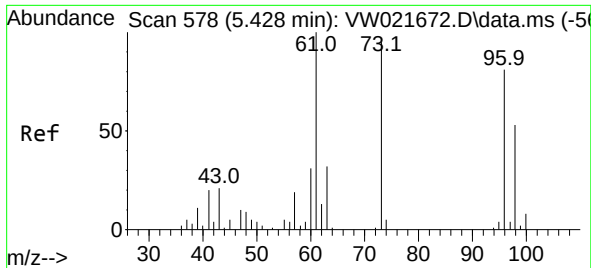
Tgt Ion: 84 Resp: 34283
Ion Ratio Lower Upper
84 100
86 64.5 45.5 84.5
49 107.9 100.5 186.7



#17
trans-1,2-Dichloroethene
Concen: 25.203 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

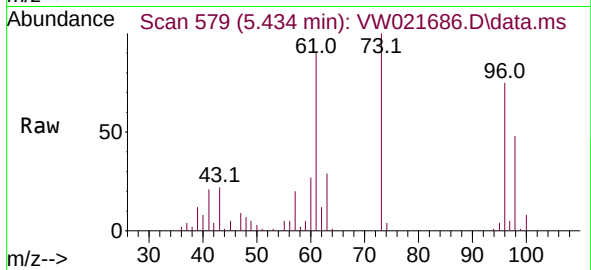
Tgt Ion: 96 Resp: 33116
Ion Ratio Lower Upper
96 100
61 130.2 107.4 199.4
98 67.3 41.2 76.6



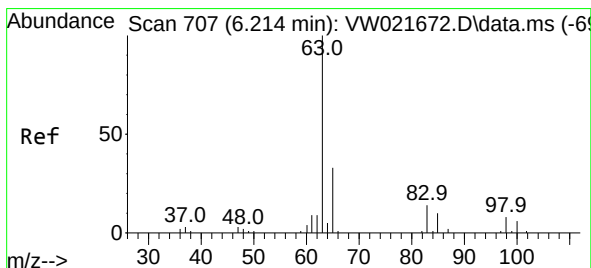
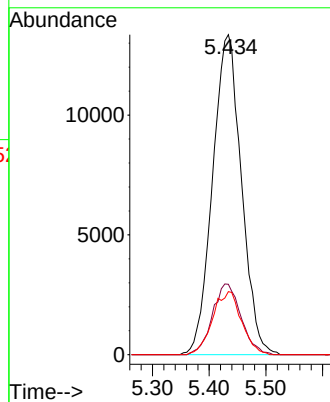
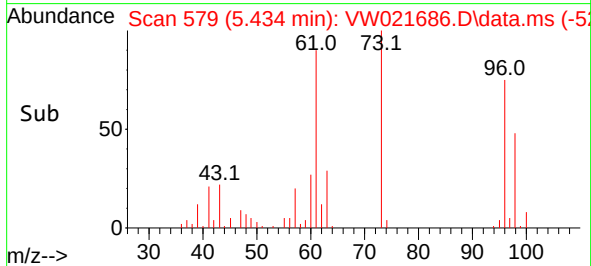


#18
Methyl tert-butyl Ether
Concen: 25.747 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Instrument :
MSVOA_W
ClientSampleId :

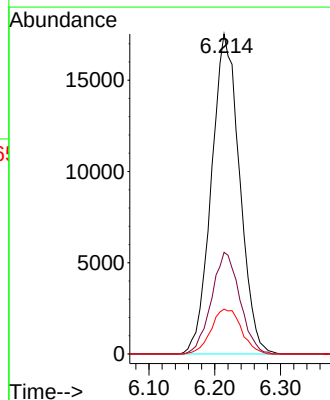
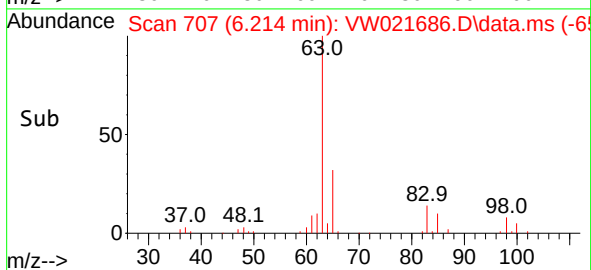
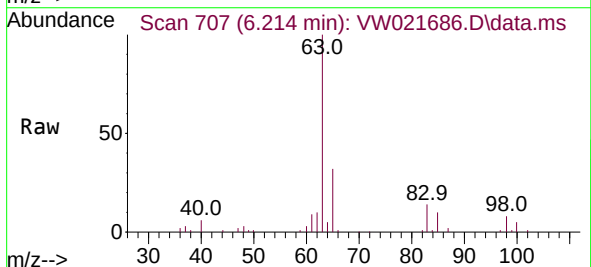


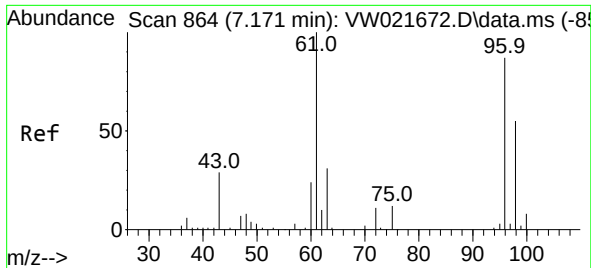
Tgt Ion: 73 Resp: 47108
Ion Ratio Lower Upper
73 100
43 21.9 19.5 29.3
57 7.8 19.3 28.9#



#19
1,1-Dichloroethane
Concen: 25.488 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 63 Resp: 52250
Ion Ratio Lower Upper
63 100
65 31.7 22.1 41.1
83 14.0 9.2 17.2

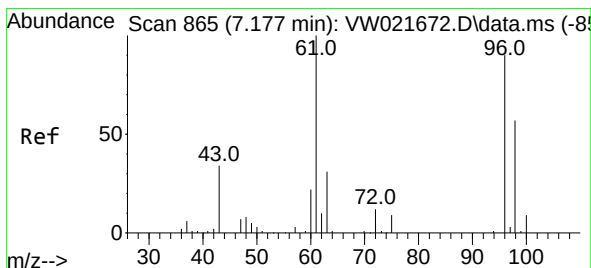
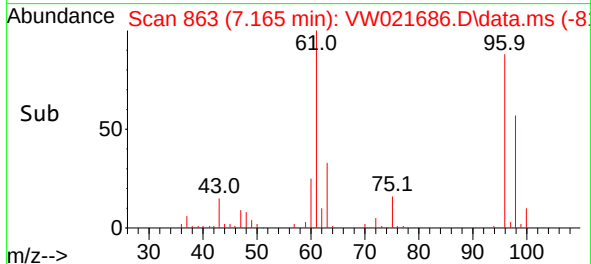
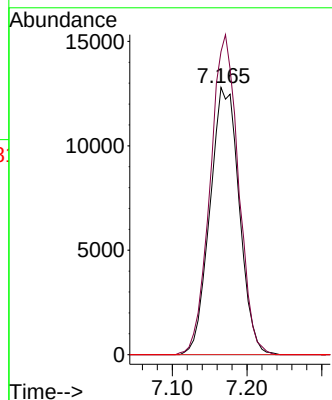
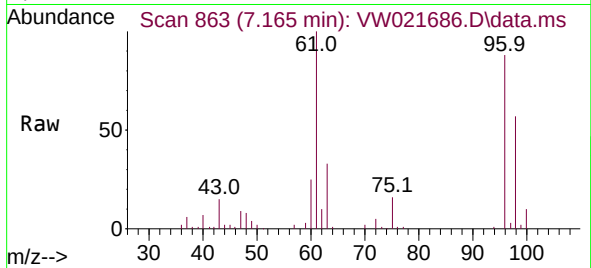




#20
 cis-1,2-Dichloroethene
 Concen: 25.548 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

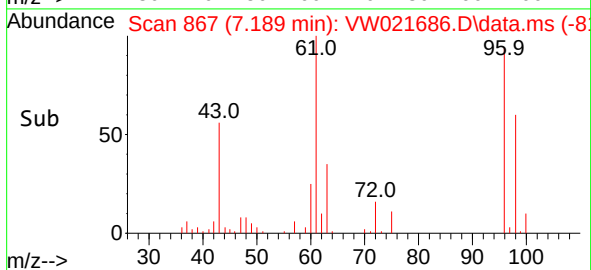
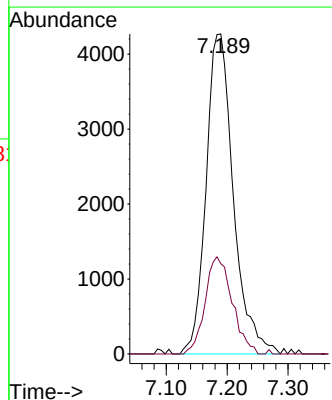
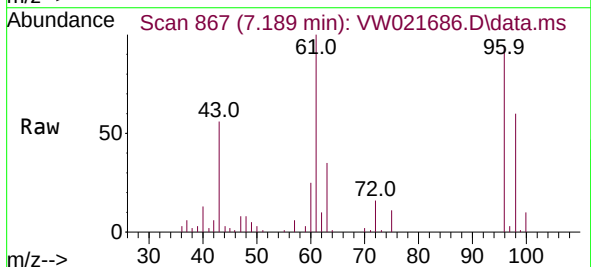
Instrument :
 MSVOA_W
 ClientSampleId :

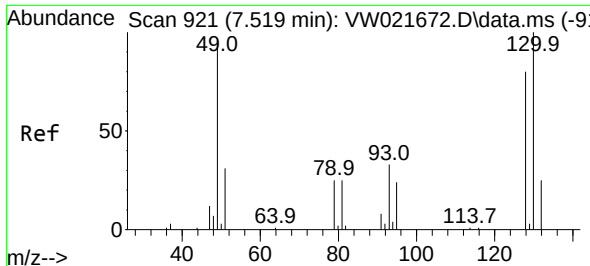
Tgt Ion: 96 Resp: 34846
 Ion Ratio Lower Upper
 96 100
 61 113.4 103.7 192.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 47.567 ug/L
 RT: 7.189 min Scan# 867
 Delta R.T. 0.012 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

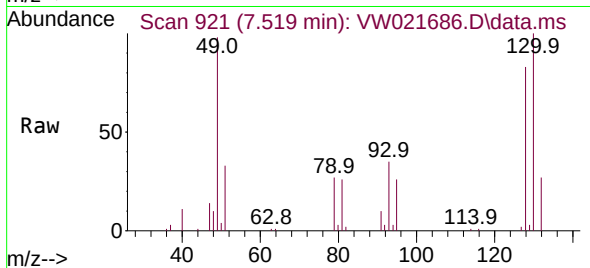
Tgt Ion: 43 Resp: 13307
 Ion Ratio Lower Upper
 43 100
 72 30.0 11.8 35.4



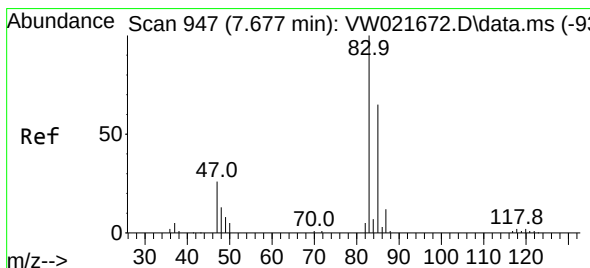
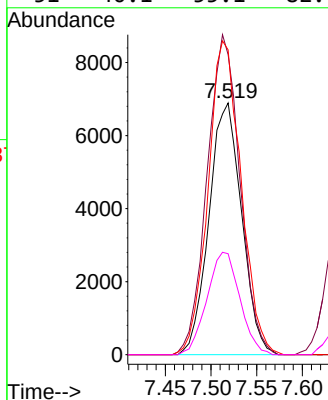
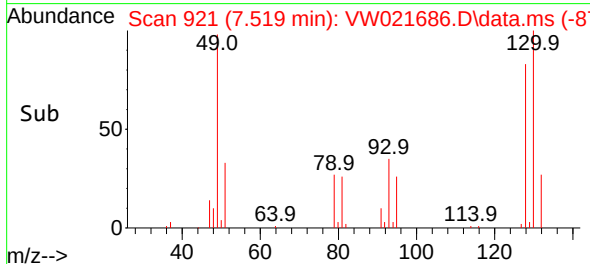


#23
Bromochloromethane
Concen: 25.983 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Instrument :
MSVOA_W
ClientSampleId :

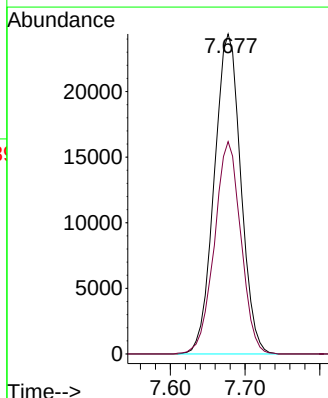
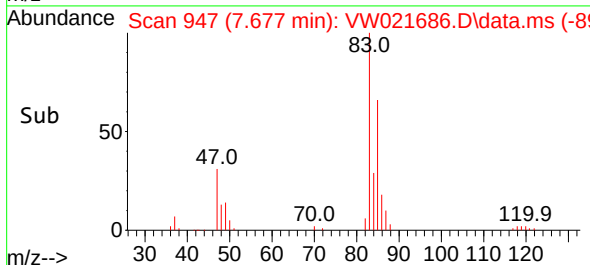
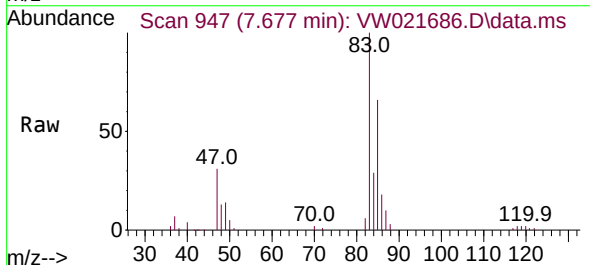


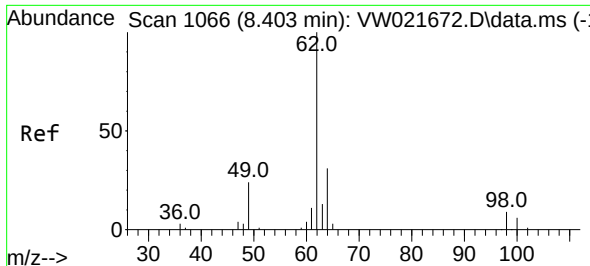
Tgt Ion:128 Resp: 17131
Ion Ratio Lower Upper
128 100
49 119.2 150.3 279.1#
130 121.1 88.3 163.9
51 40.1 55.1 82.7#



#25
Chloroform
Concen: 25.460 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 83 Resp: 60207
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.7





#27

1,2-Dichloroethane

Concen: 25.426 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

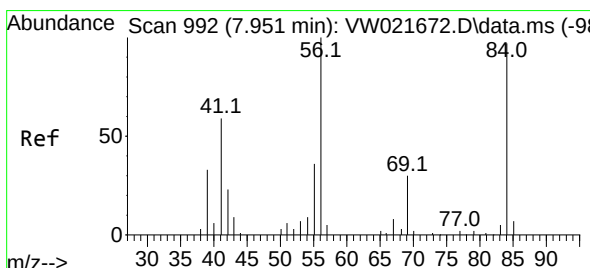
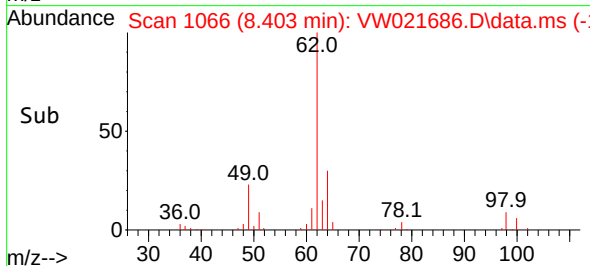
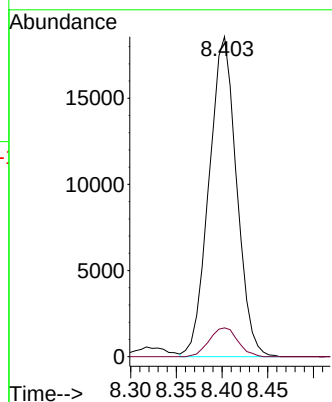
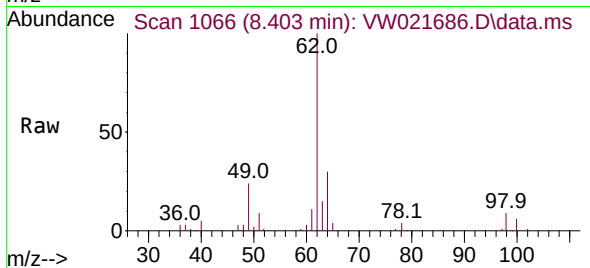
ClientSampleId :

Tgt Ion: 62 Resp: 38998

Ion Ratio Lower Upper

62 100

98 9.0 6.5 9.7



#29

Cyclohexane

Concen: 23.038 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

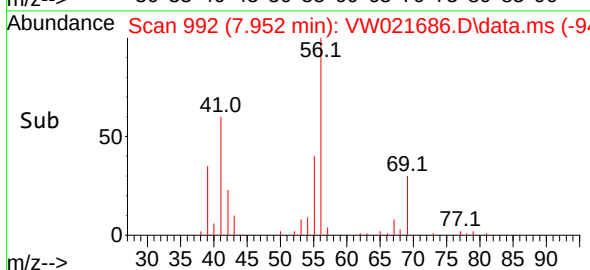
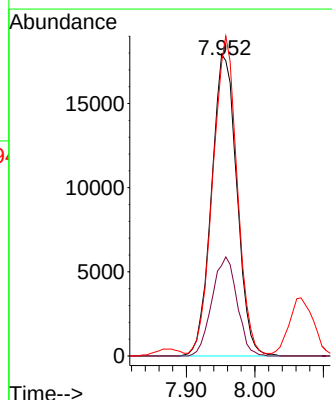
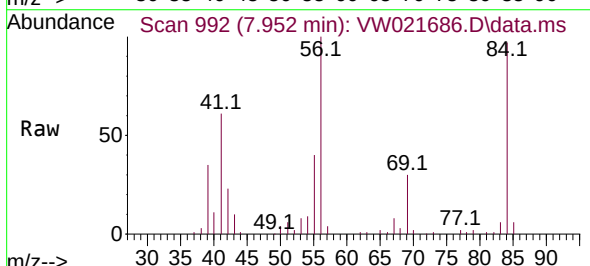
Tgt Ion: 56 Resp: 45961

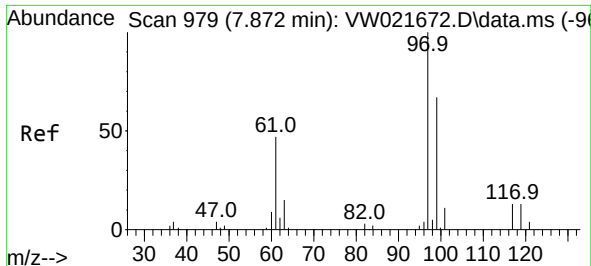
Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 102.2 63.4 95.2#





#30

1,1,1-Trichloroethane

Concen: 23.808 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

ClientSampleId :

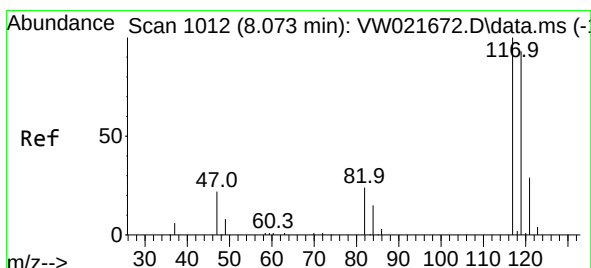
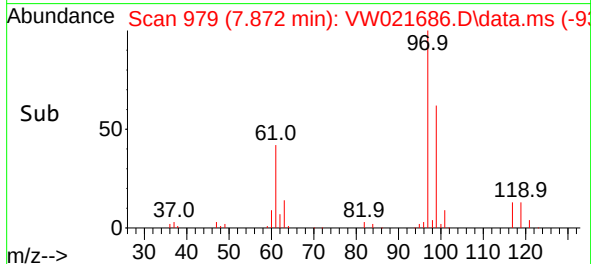
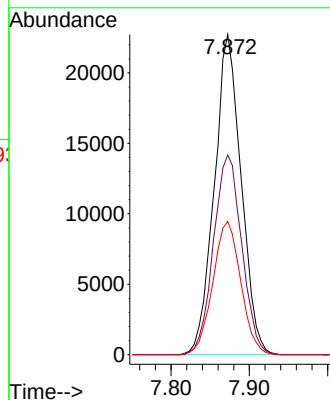
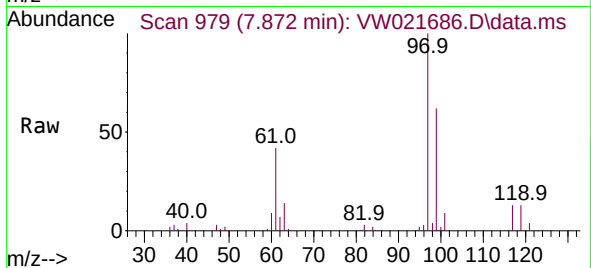
Tgt Ion: 97 Resp: 54191

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 43.3 40.9 61.3



#31

Carbon tetrachloride

Concen: 23.788 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW021686.D

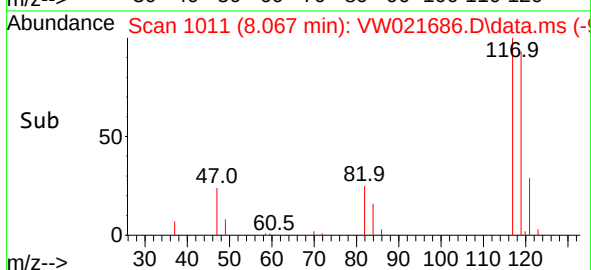
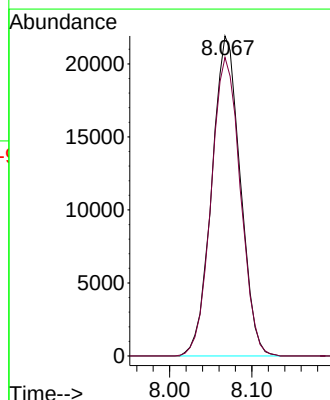
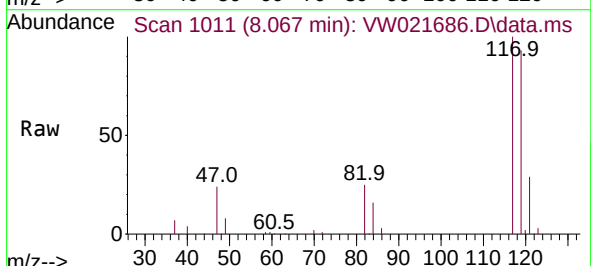
Acq: 28 Dec 2021 22:47

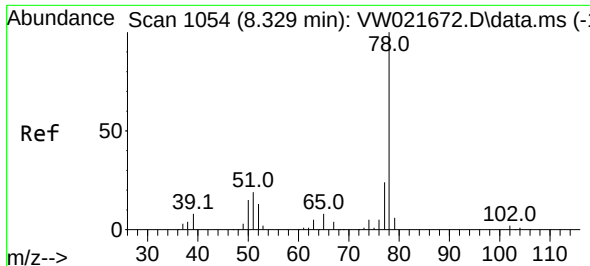
Tgt Ion: 117 Resp: 52654

Ion Ratio Lower Upper

117 100

119 95.7 75.7 113.5

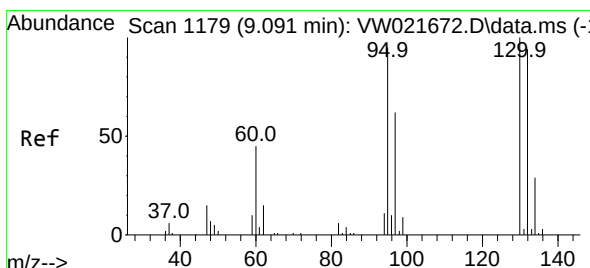
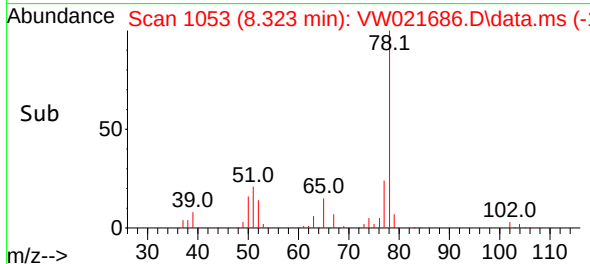
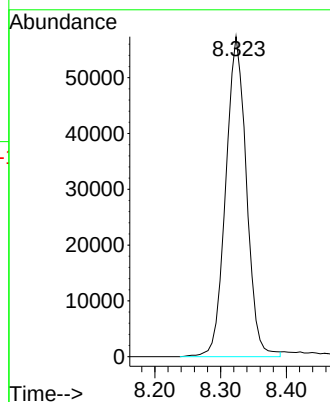
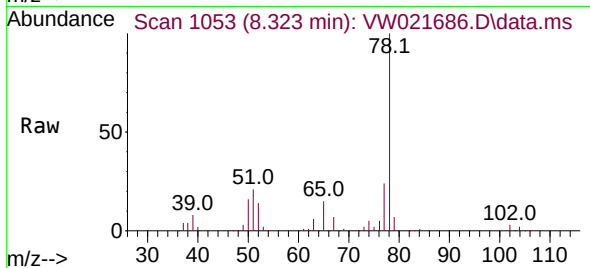




#33
Benzene
Concen: 23.887 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Instrument :
MSVOA_W
ClientSampleId :

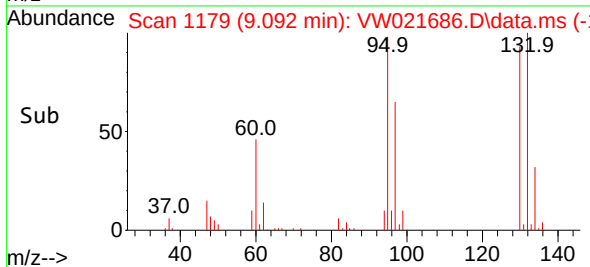
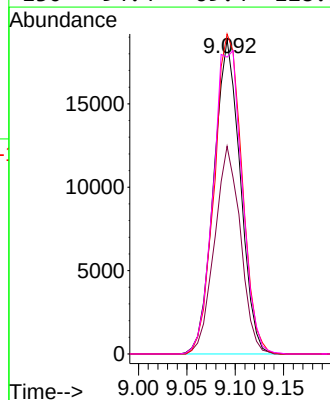
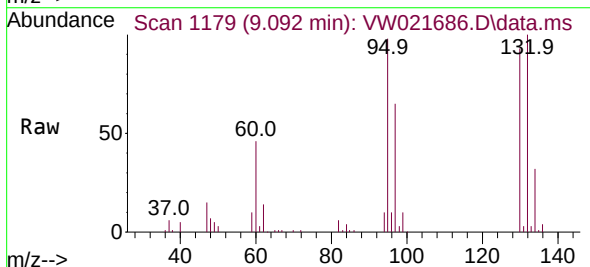
Tgt Ion: 78 Resp: 125737

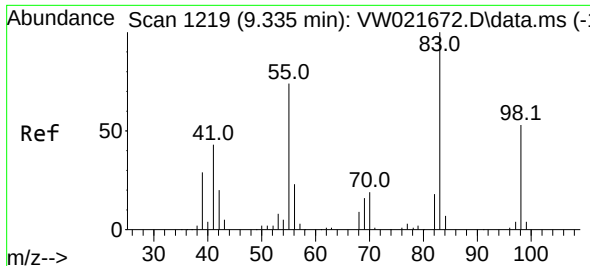


#34
Trichloroethene
Concen: 23.986 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 95 Resp: 35842

Ion	Ratio	Lower	Upper
95	100		
97	66.0	47.0	87.2
132	101.7	65.5	121.6
130	94.4	69.4	128.8

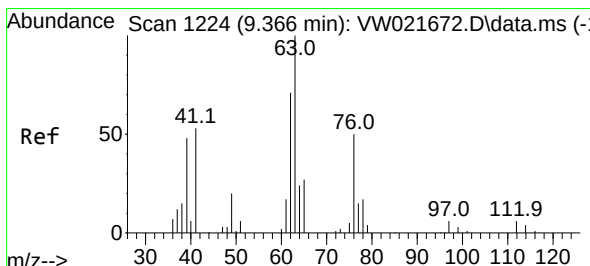
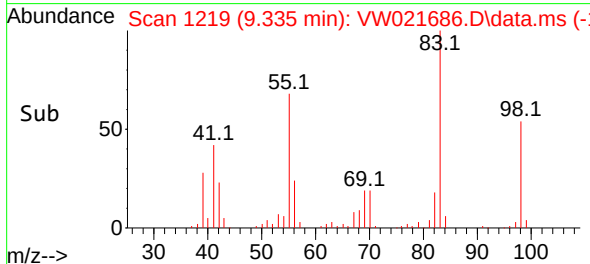
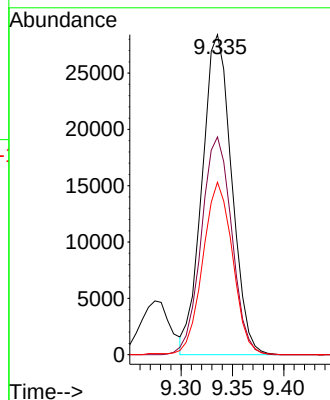
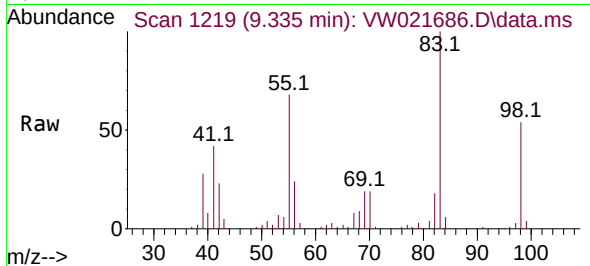




#35
Methylcyclohexane
Concen: 23.096 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

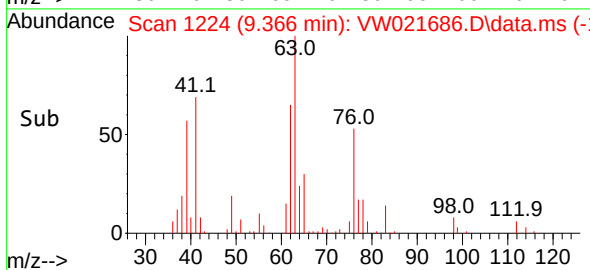
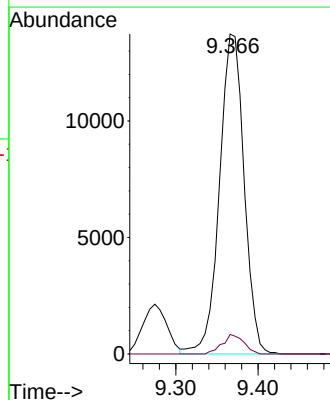
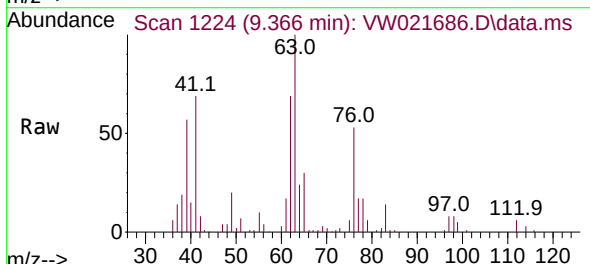
Instrument :
MSVOA_W
ClientSampleId :

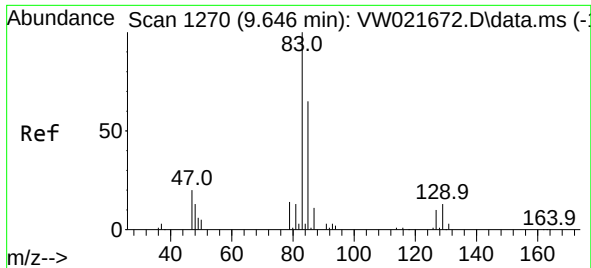
Tgt Ion: 83 Resp: 56941
Ion Ratio Lower Upper
83 100
55 69.7 70.8 106.2#
98 54.2 37.7 56.5



#37
1,2-Dichloropropane
Concen: 24.496 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 63 Resp: 28576
Ion Ratio Lower Upper
63 100
112 5.3 3.2 4.8#

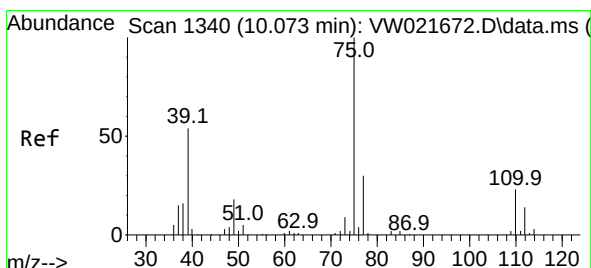
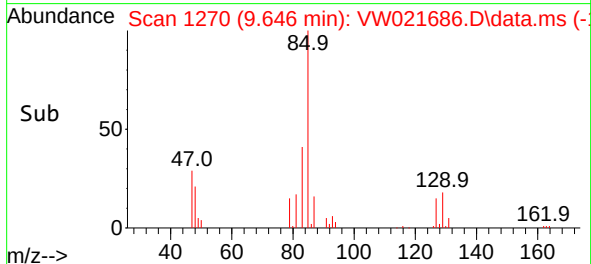
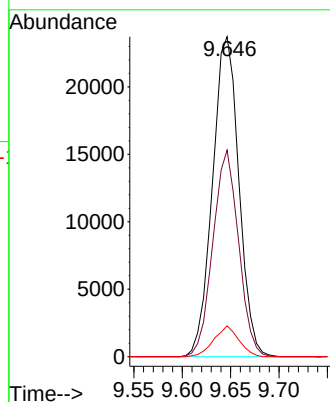
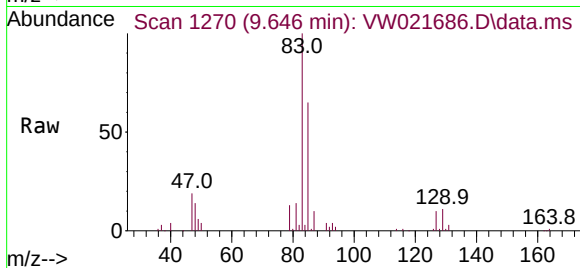




#38
Bromodichloromethane
Concen: 25.253 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

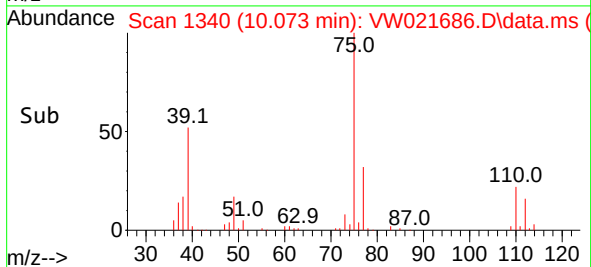
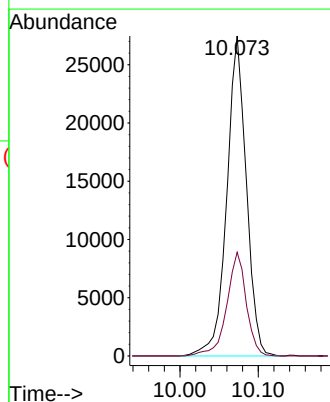
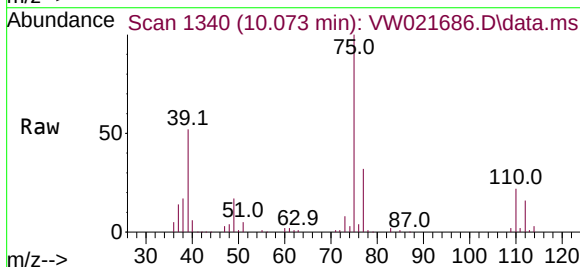
Instrument :
MSVOA_W
ClientSampleId :

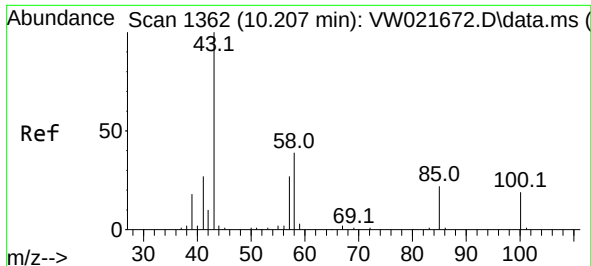
Tgt Ion: 83 Resp: 44964
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9
127 9.7 6.1 9.1#



#39
cis-1,3-Dichloropropene
Concen: 24.945 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 75 Resp: 47545
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6

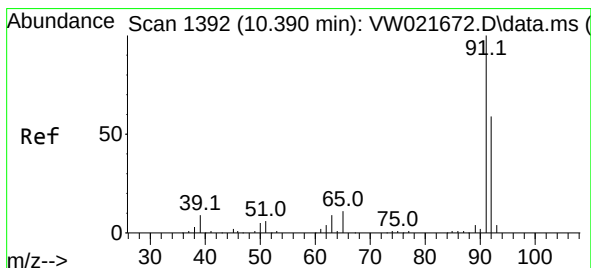
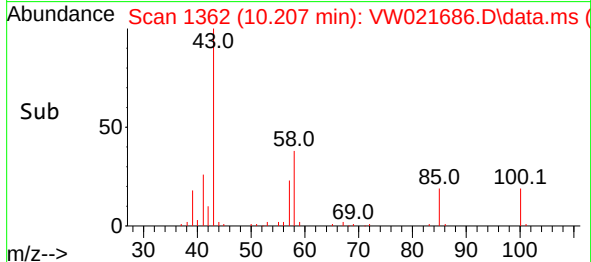
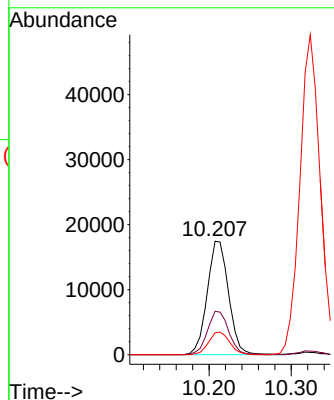
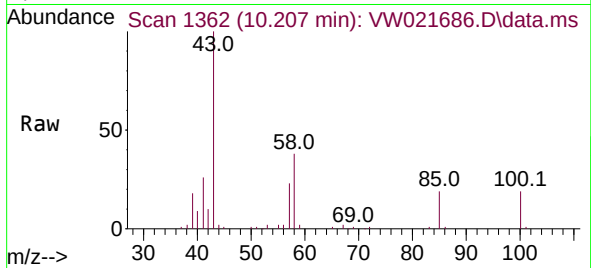




#40
4-Methyl-2-pentanone
Concen: 49.008 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

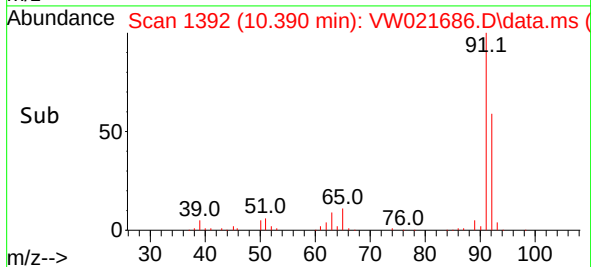
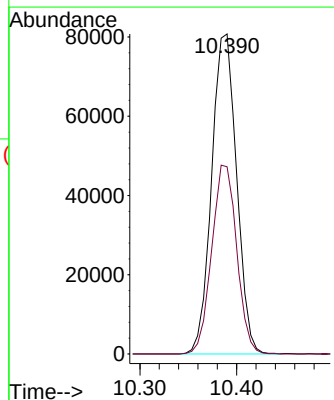
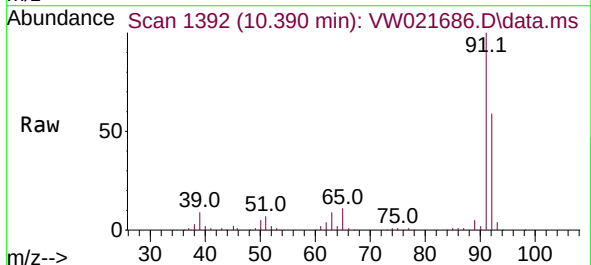
Instrument :
MSVOA_W
ClientSampleId :

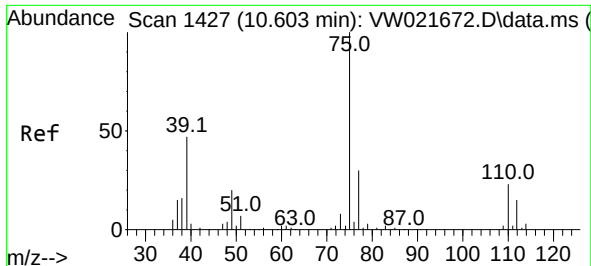
Tgt Ion: 43 Resp: 31494
Ion Ratio Lower Upper
43 100
58 38.0 28.8 43.2
100 19.6 10.0 15.0#



#42
Toluene
Concen: 23.838 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 91 Resp: 144845
Ion Ratio Lower Upper
91 100
92 58.5 41.7 77.5

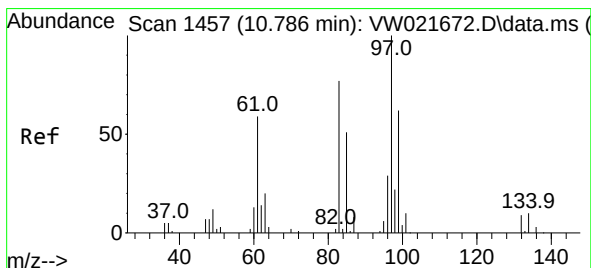
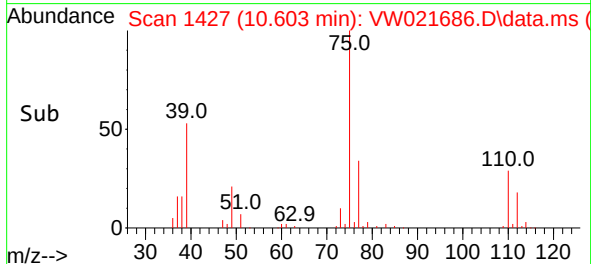
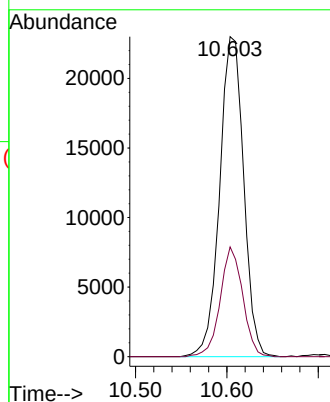
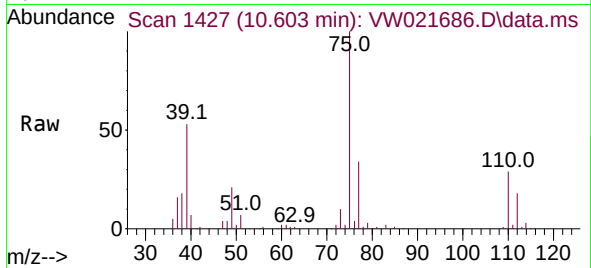




#44
trans-1,3-Dichloropropene
Concen: 24.521 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

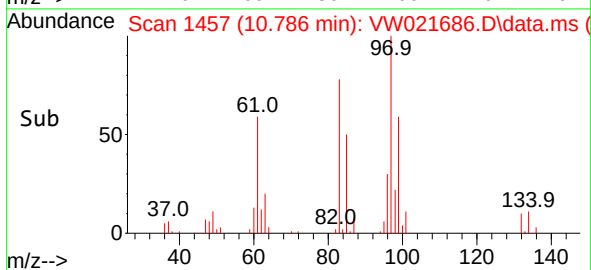
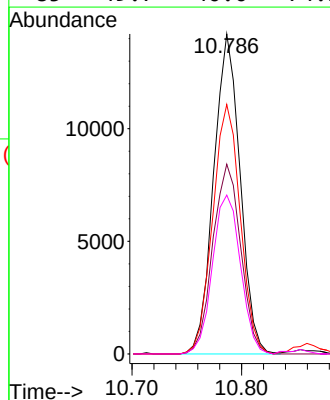
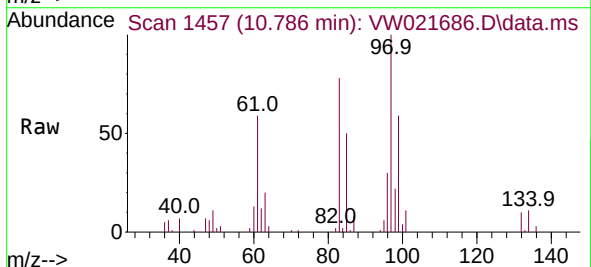
Instrument :
MSVOA_W
ClientSampleId :

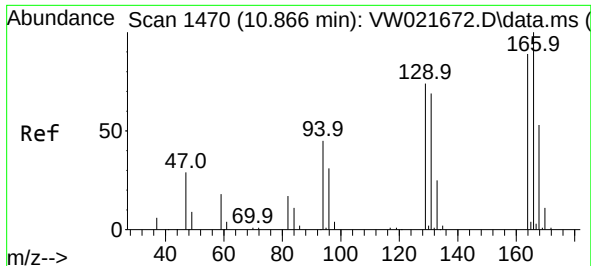
Tgt Ion: 75 Resp: 41993
Ion Ratio Lower Upper
75 100
77 34.3 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 24.592 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 97 Resp: 23828
Ion Ratio Lower Upper
97 100
99 59.3 43.0 79.8
83 77.9 62.6 116.3
85 49.7 40.0 74.2





#46

Tetrachloroethene

Concen: 23.298 ug/L

RT: 10.860 min Scan# 1470

Delta R.T. -0.006 min

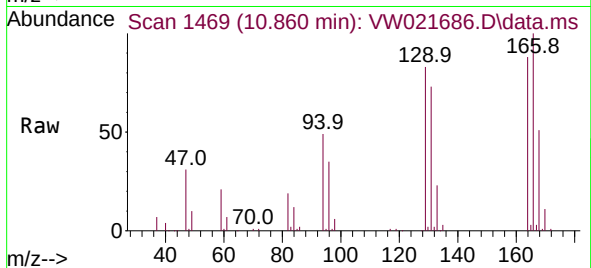
Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 32602

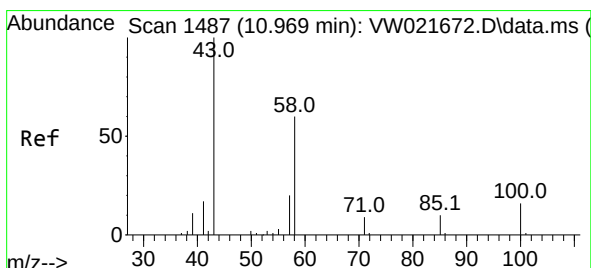
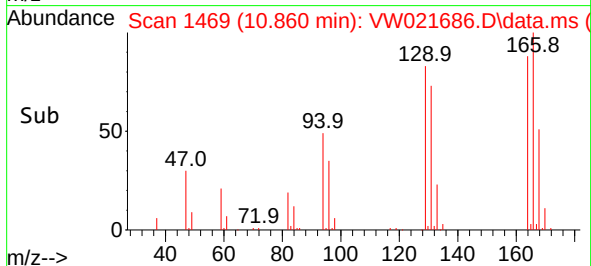
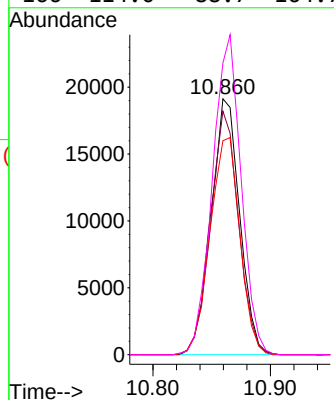
Ion Ratio Lower Upper

164 100

129 95.2 65.5 121.7

131 83.6 59.7 110.9

166 114.0 88.7 164.7



#48

2-Hexanone

Concen: 49.096 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Tgt Ion: 43 Resp: 21426

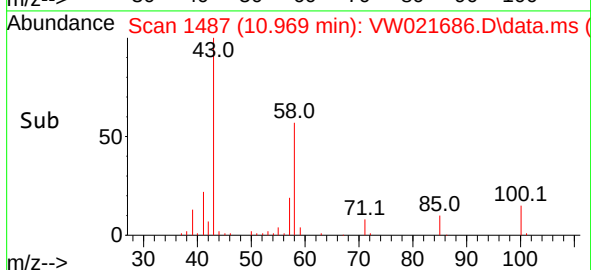
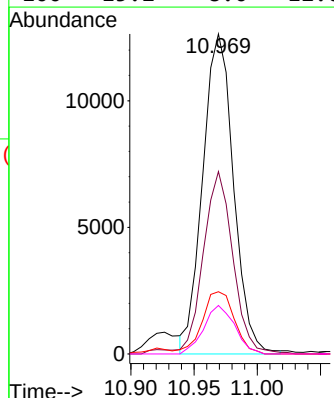
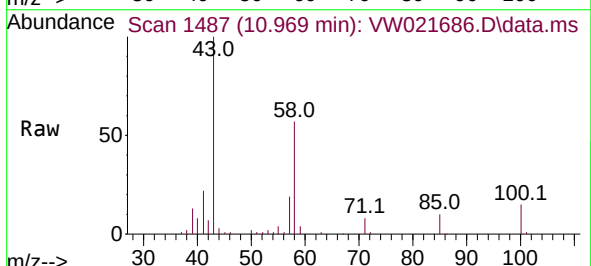
Ion Ratio Lower Upper

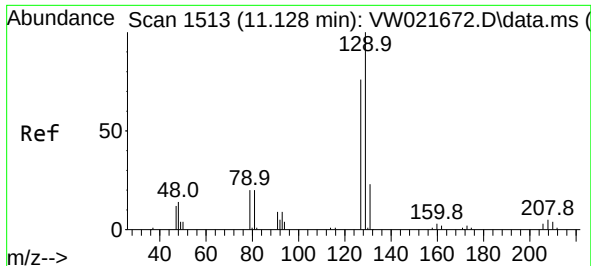
43 100

58 54.5 40.2 60.2

57 20.4 14.3 21.5

100 15.2 8.0 12.0#





#49

Dibromochloromethane

Concen: 25.851 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

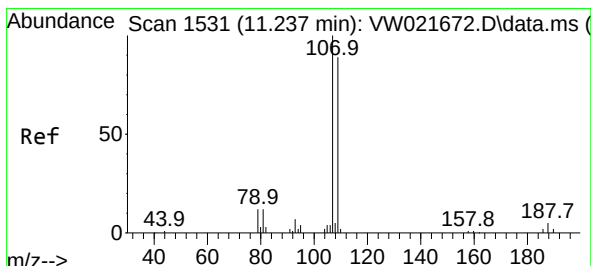
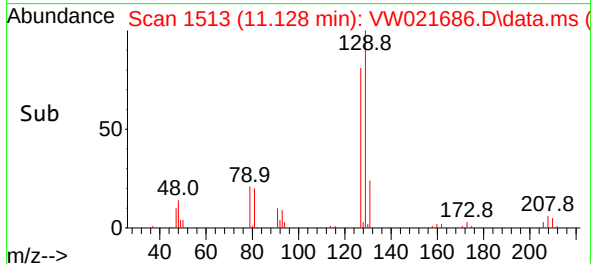
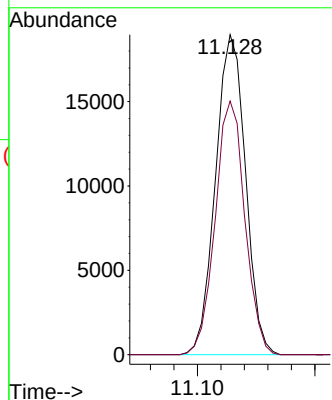
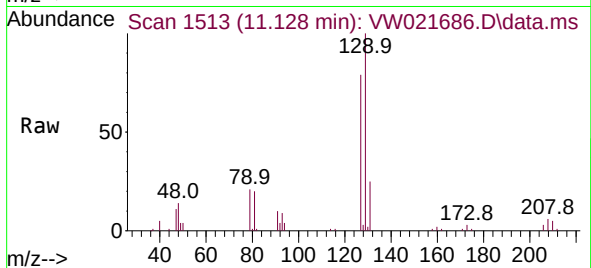
ClientSampleId :

Tgt Ion:129 Resp: 33654

Ion Ratio Lower Upper

129 100

127 79.2 55.7 103.5



#50

1,2-Dibromoethane

Concen: 24.820 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

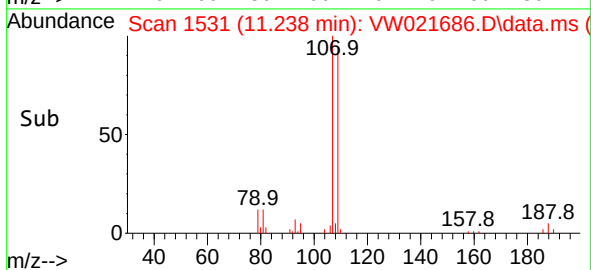
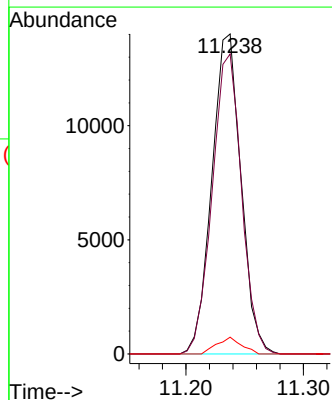
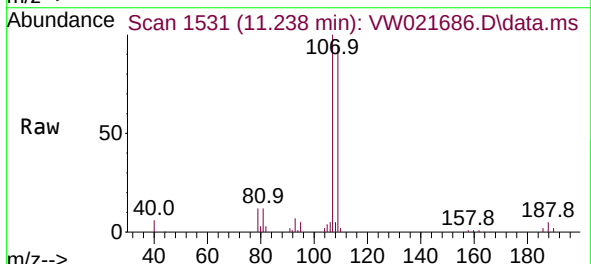
Tgt Ion:107 Resp: 24153

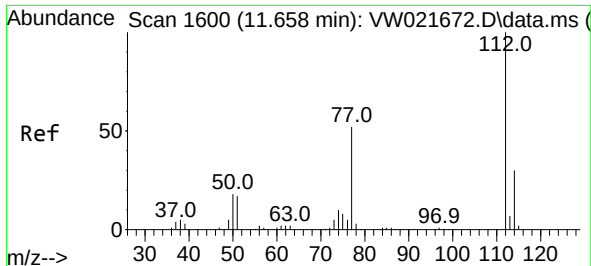
Ion Ratio Lower Upper

107 100

109 93.7 64.1 119.1

188 5.3 2.6 3.8#

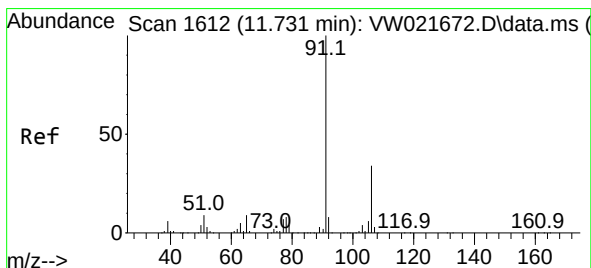
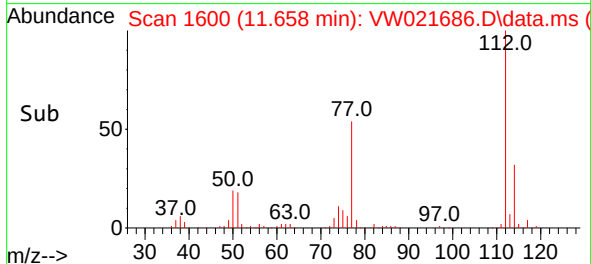
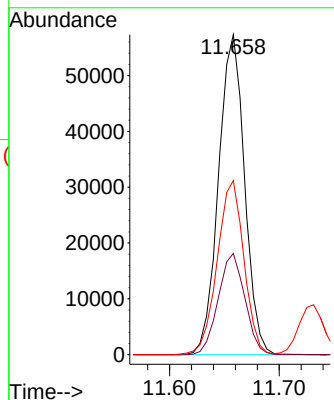
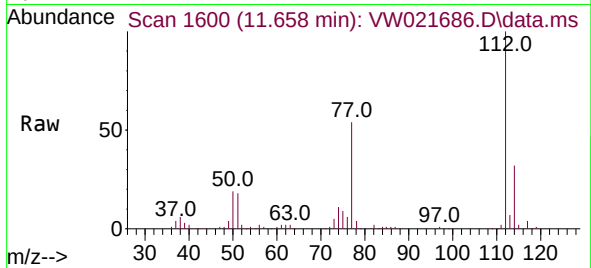




#51
Chlorobenzene
Concen: 24.127 ug/L
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

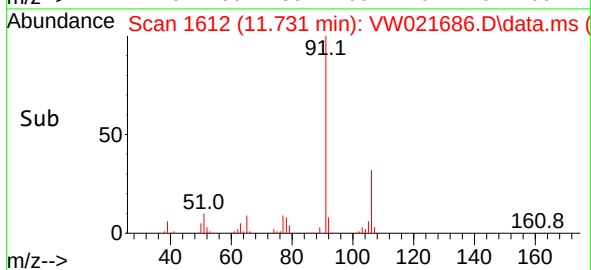
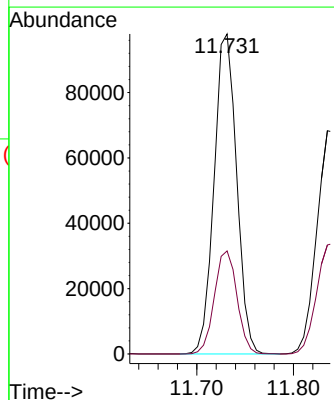
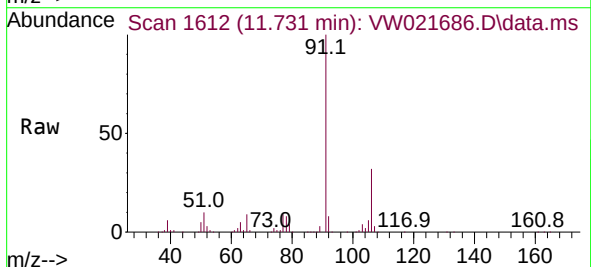
Instrument :
MSVOA_W
ClientSampleId :

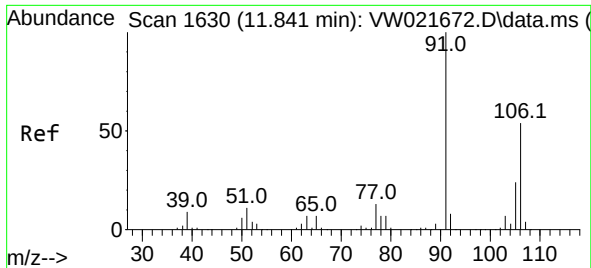
Tgt Ion:112 Resp: 94590
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 54.4 50.2 75.4



#52
Ethylbenzene
Concen: 23.237 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 91 Resp: 158493
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9

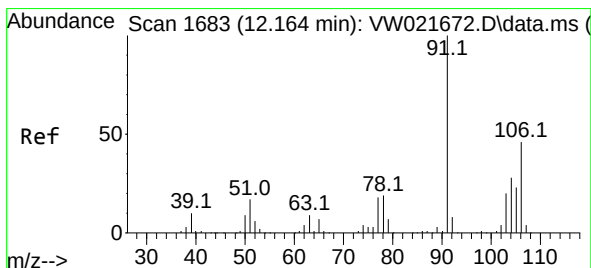
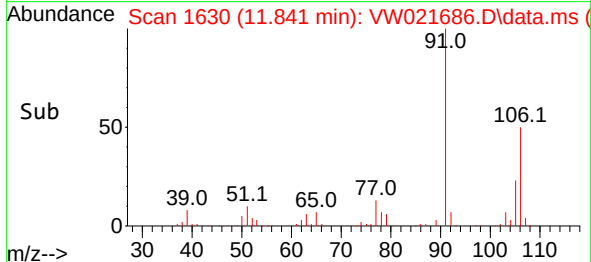
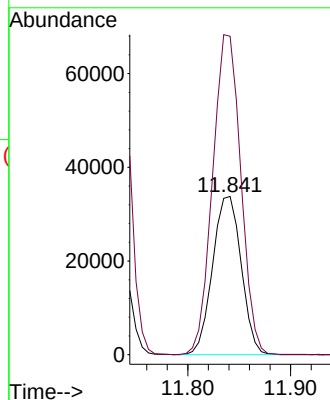
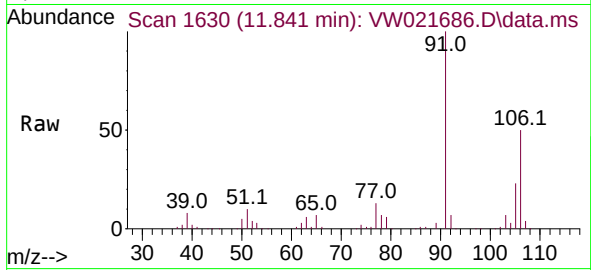




#53
m,p-Xylene
Concen: 23.908 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

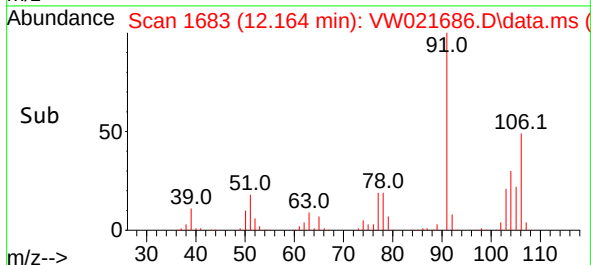
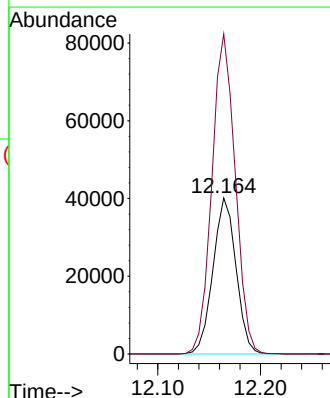
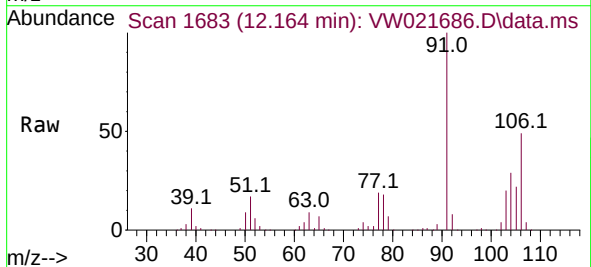
Instrument :
MSVOA_W
ClientSampleId :

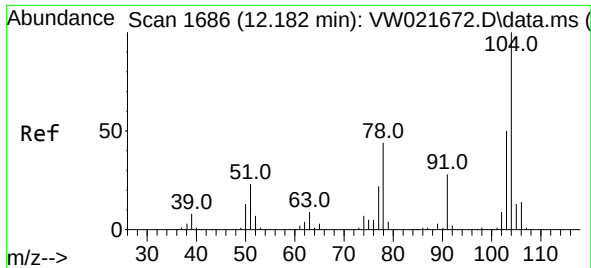
Tgt Ion:106 Resp: 65341
Ion Ratio Lower Upper
106 100
91 201.2 149.9 278.3



#54
o-Xylene
Concen: 24.128 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion:106 Resp: 62500
Ion Ratio Lower Upper
106 100
91 205.1 153.6 285.3

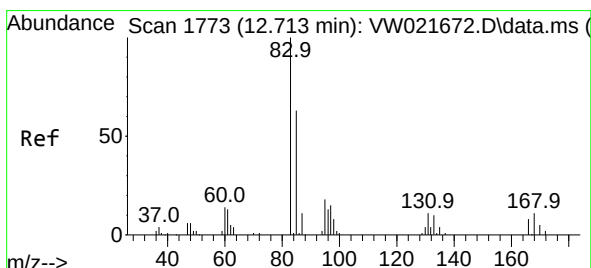
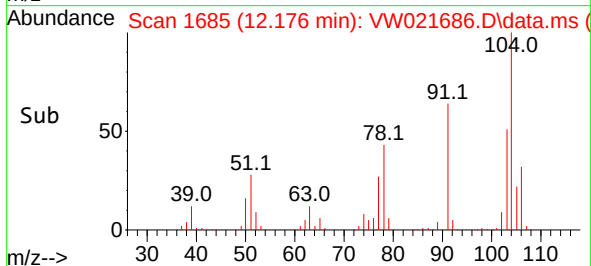
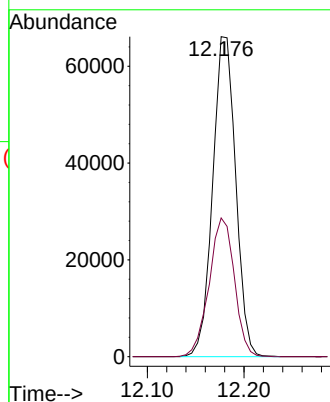
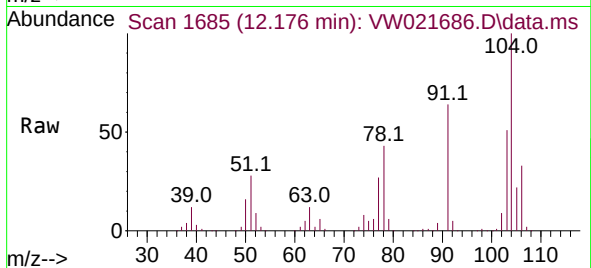




#55
Styrene
Concen: 24.586 ug/L
RT: 12.176 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

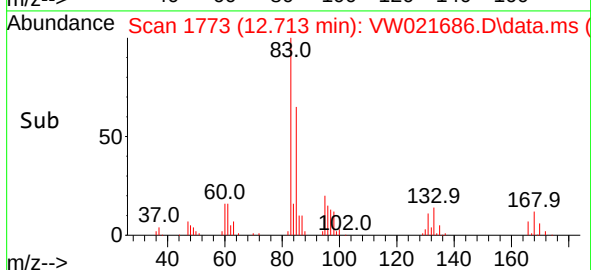
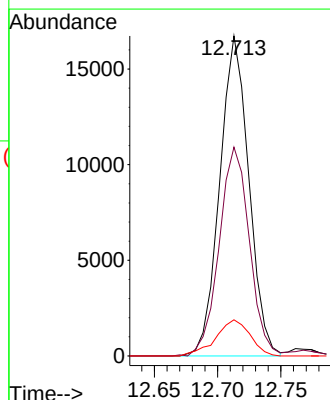
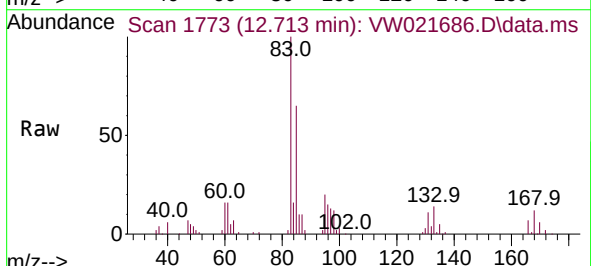
Instrument :
MSVOA_W
ClientSampleId :

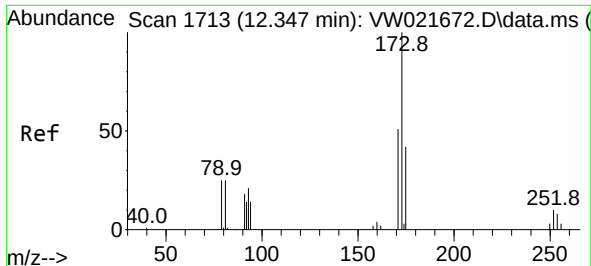
Tgt Ion:104 Resp: 109375
Ion Ratio Lower Upper
104 100
78 43.3 34.4 64.0



#57
1,1,2,2-Tetrachloroethane
Concen: 24.978 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion: 83 Resp: 26772
Ion Ratio Lower Upper
83 100
85 65.2 44.0 81.6
131 11.3 6.9 10.3#





#59

Bromoform

Concen: 27.736 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021686.D

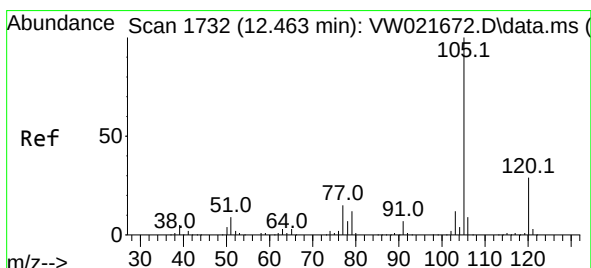
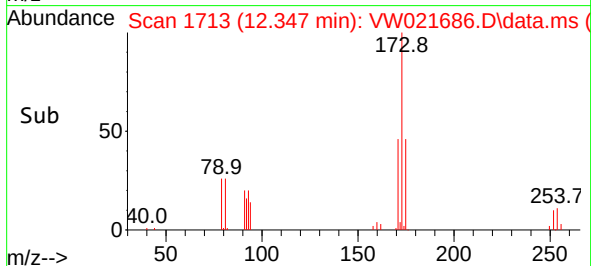
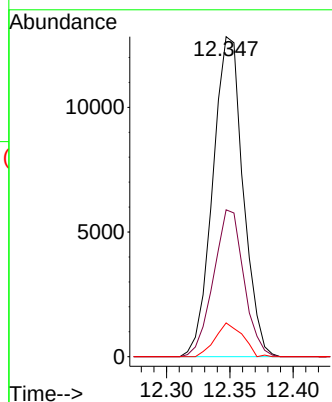
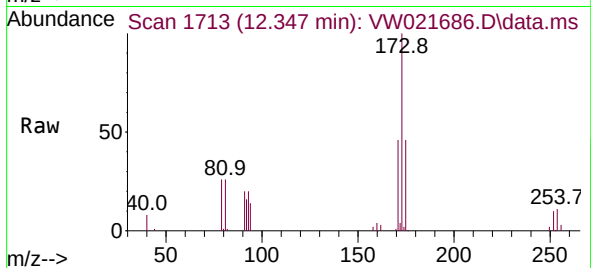
Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	21440
Ion Ratio	Lower	Upper
173	100	
175	45.9	39.6 59.4
254	9.4	7.4 11.0



#60

Isopropylbenzene

Concen: 23.075 ug/L

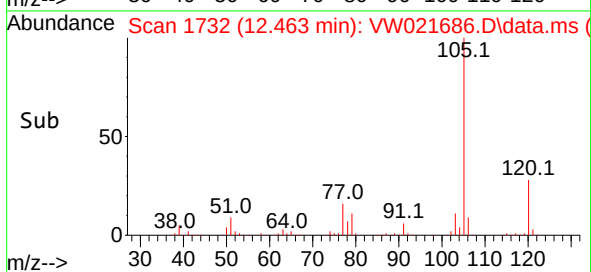
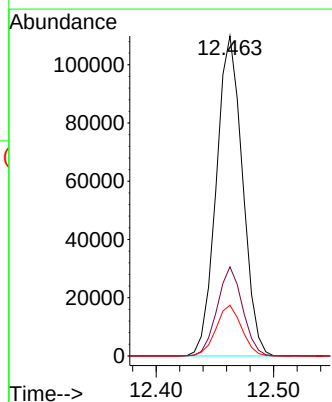
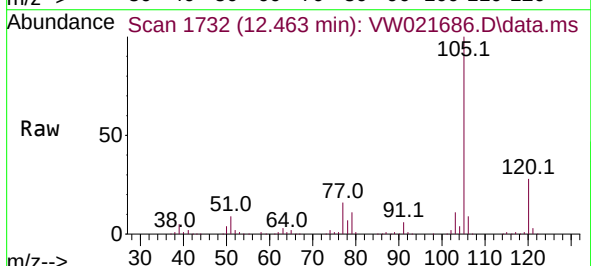
RT: 12.463 min Scan# 1732

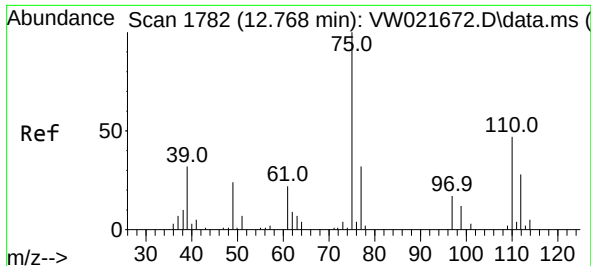
Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Tgt Ion:105	Resp:	170370
Ion Ratio	Lower	Upper
105	100	
120	27.0	20.1 30.1
77	15.5	13.8 20.8





#61

1,2,3-Trichloropropane

Concen: 23.435 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021686.D

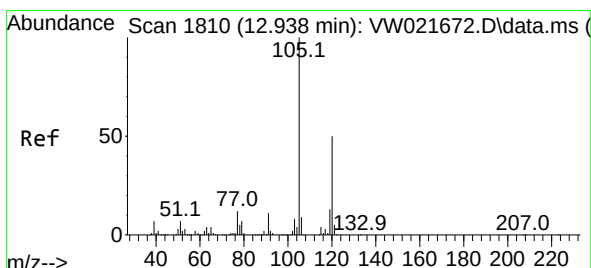
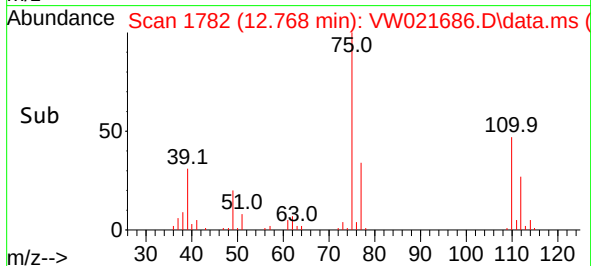
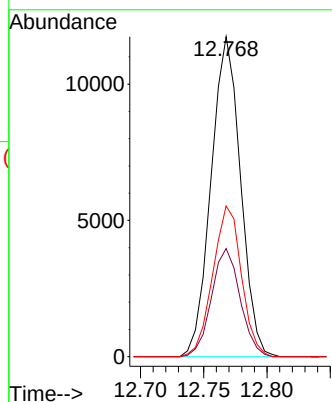
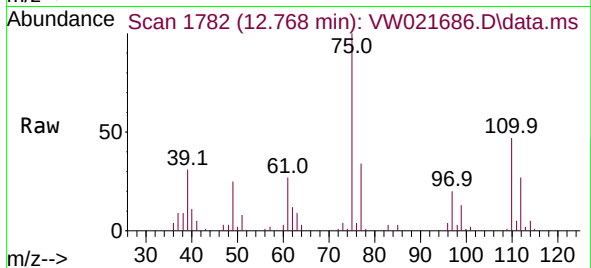
Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 18994
Ion Ratio	Lower Upper
75 100	
77 32.8	25.8 38.8
110 45.8	29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 23.559 ug/L

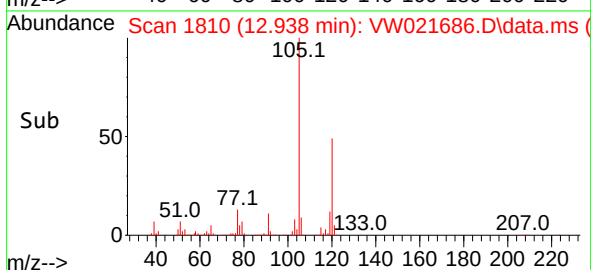
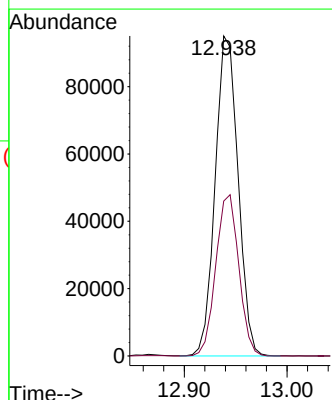
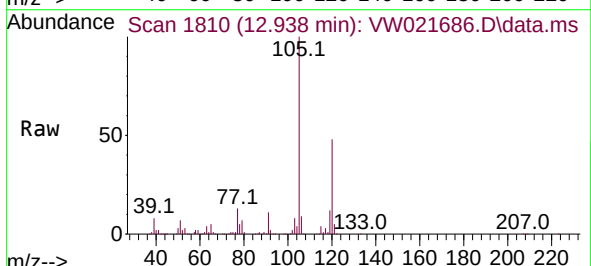
RT: 12.938 min Scan# 1810

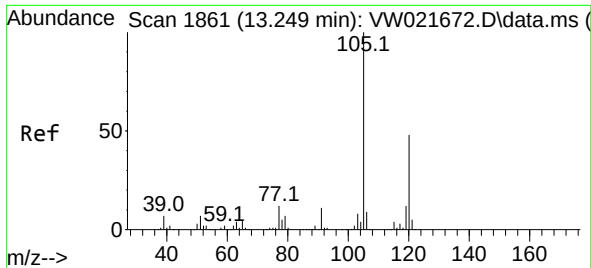
Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Tgt Ion: 105	Resp: 147057
Ion Ratio	Lower Upper
105 100	
120 50.5	37.4 56.2

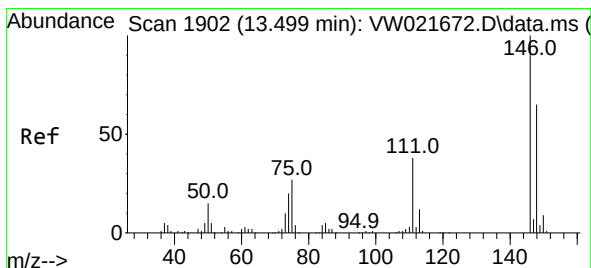
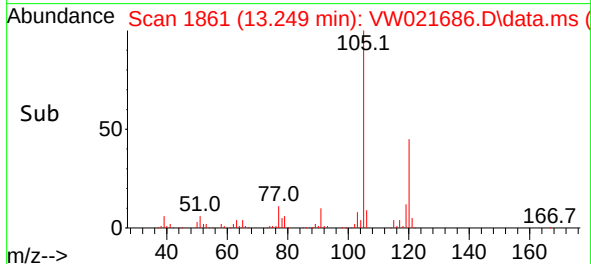
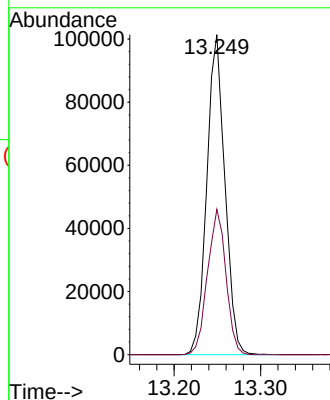
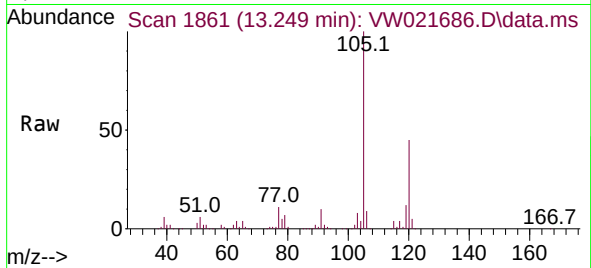




#63
 1,2,4-Trimethylbenzene
 Concen: 23.681 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

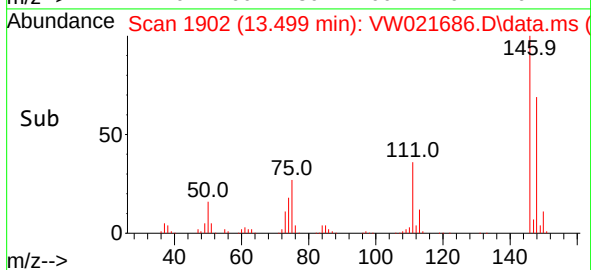
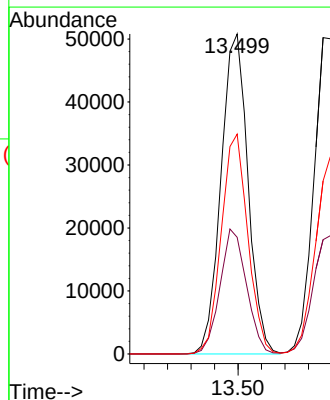
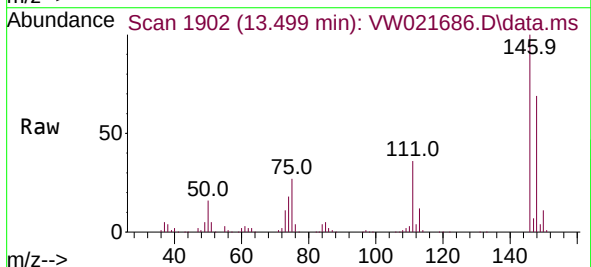
Instrument :
 MSVOA_W
 ClientSampleId :

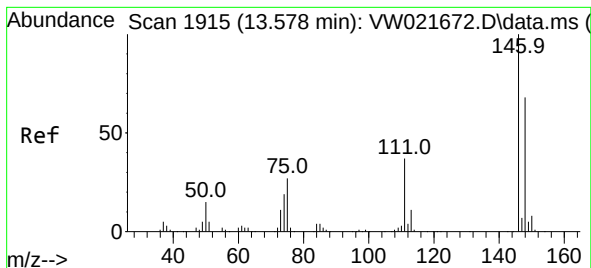
Tgt Ion:105 Resp: 146832
 Ion Ratio Lower Upper
 105 100
 120 46.3 35.0 52.6



#64
 1,3-Dichlorobenzene
 Concen: 23.245 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

Tgt Ion:146 Resp: 81033
 Ion Ratio Lower Upper
 146 100
 111 36.5 29.8 55.3
 148 68.7 46.2 85.8





#65

1,4-Dichlorobenzene

Concen: 23.411 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

Instrument :

MSVOA_W

ClientSampleId :

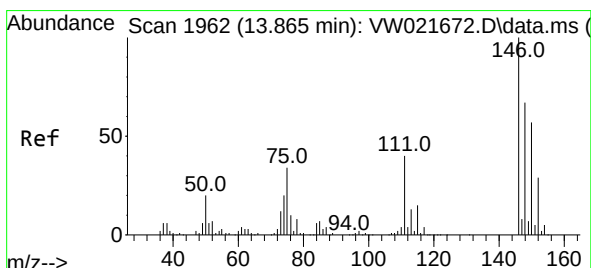
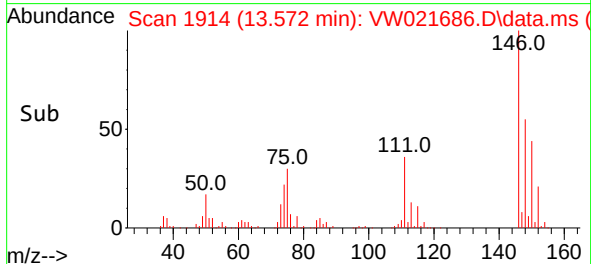
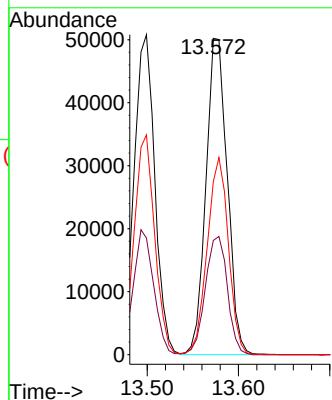
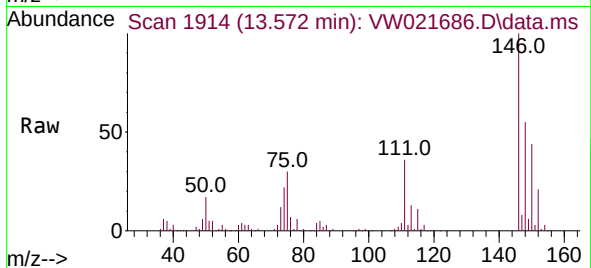
Tgt Ion:146 Resp: 81375

Ion Ratio Lower Upper

146 100

111 36.1 29.0 53.9

148 54.7 46.9 87.1



#67

1,2-Dichlorobenzene

Concen: 24.122 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021686.D

Acq: 28 Dec 2021 22:47

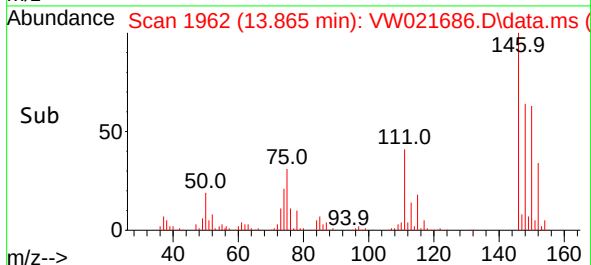
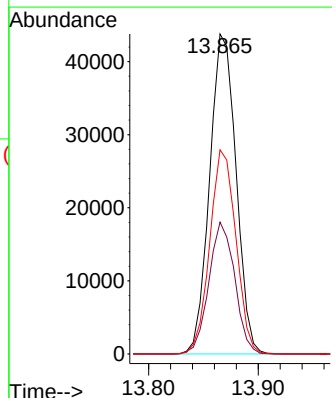
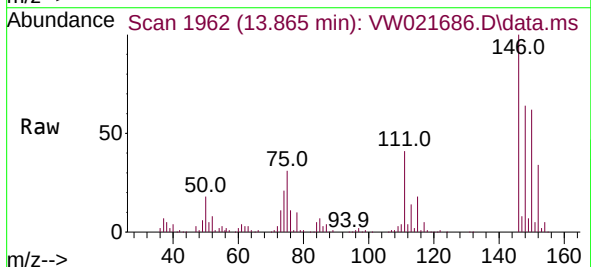
Tgt Ion:146 Resp: 73415

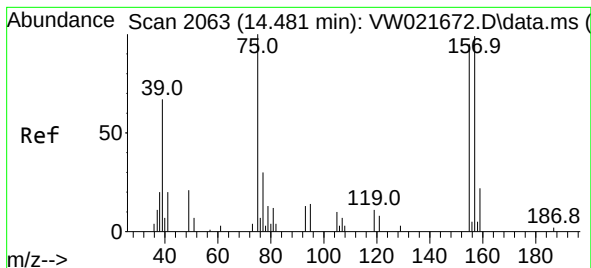
Ion Ratio Lower Upper

146 100

111 41.2 33.1 49.7

148 63.8 47.4 71.2

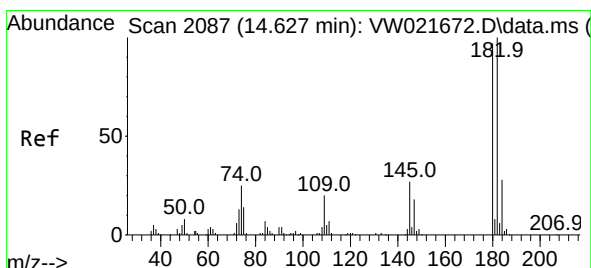
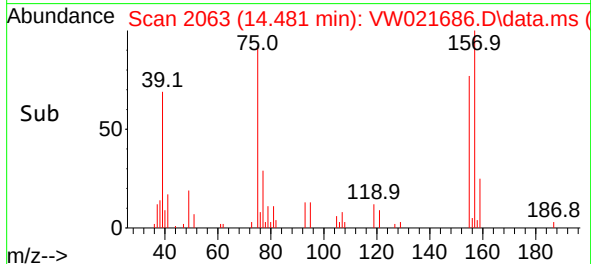
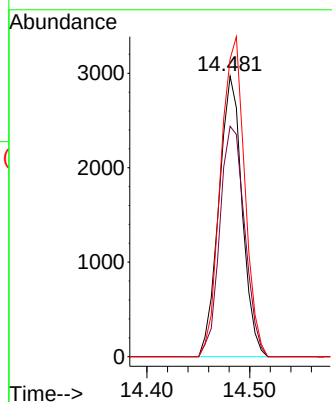
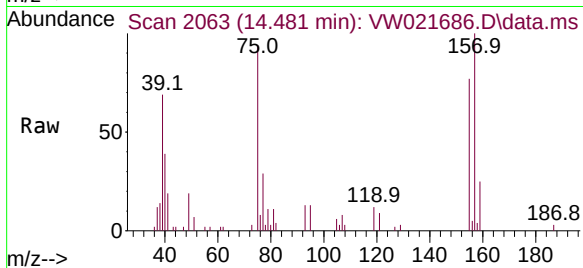




#68
1,2-Dibromo-3-chloropropane
Concen: 26.101 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

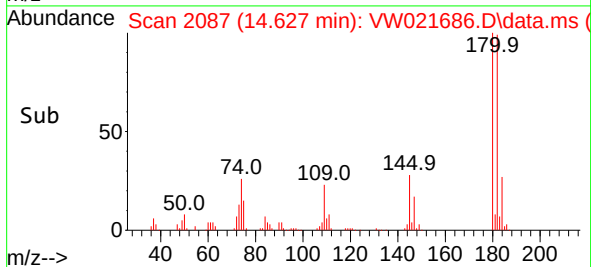
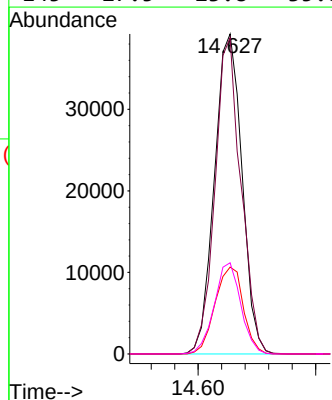
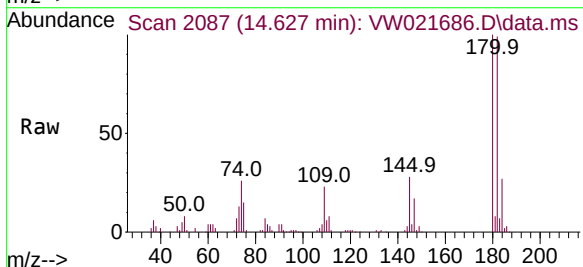
Instrument :
MSVOA_W
ClientSampleId :

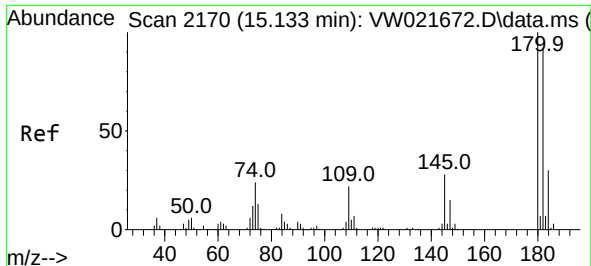
Tgt Ion: 75 Resp: 4658
Ion Ratio Lower Upper
75 100
155 82.1 54.2 81.2#
157 106.1 69.4 104.2#



#69
1,3,5-Trichlorobenzene
Concen: 24.870 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

Tgt Ion:180 Resp: 63688
Ion Ratio Lower Upper
180 100
182 93.4 75.4 113.0
184 27.9 23.8 35.8
145 27.5 23.8 35.8

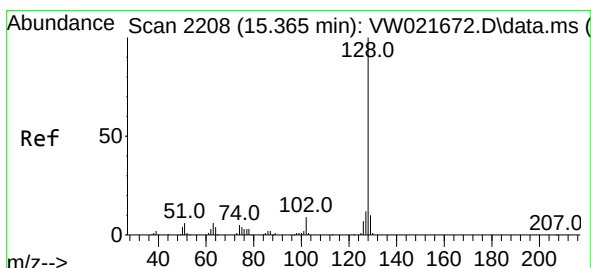
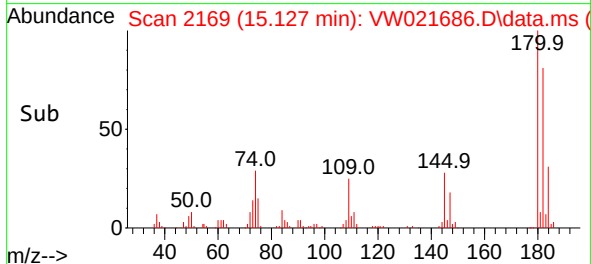
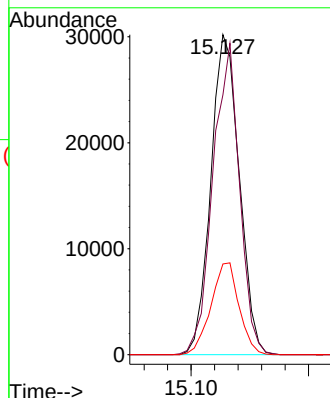
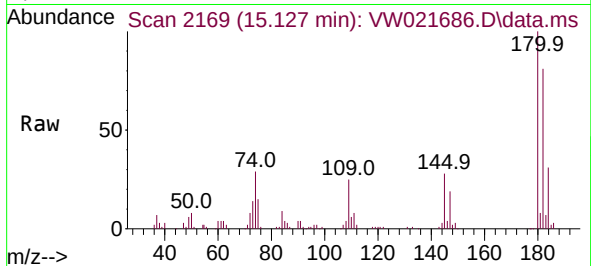




#70
1,2,4-trichlorobenzene
Concen: 24.844 ug/L
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

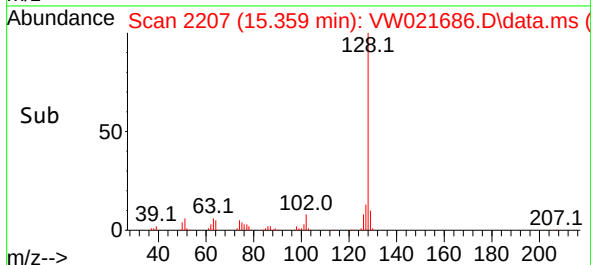
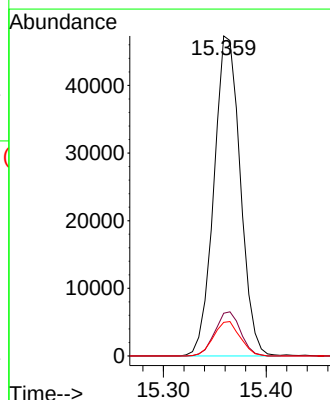
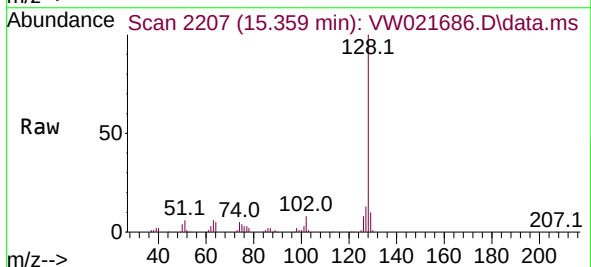
Instrument :
MSVOA_W
ClientSampleId :

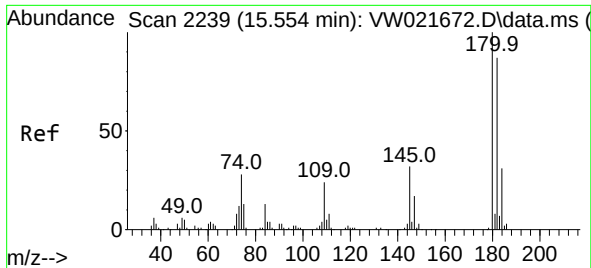
Tgt Ion:180 Resp: 50782
Ion Ratio Lower Upper
180 100
182 90.9 79.0 118.6
145 28.4 26.0 39.0



#71
Naphthalene
Concen: 25.341 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021686.D
Acq: 28 Dec 2021 22:47

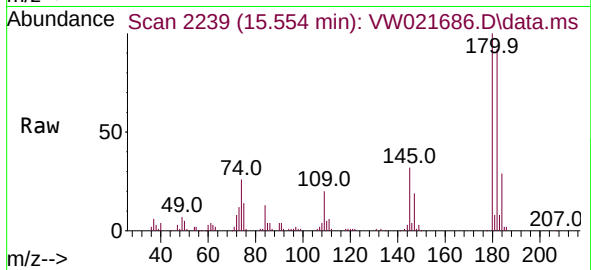
Tgt Ion:128 Resp: 84280
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 25.494 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021686.D
 Acq: 28 Dec 2021 22:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 43866
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.6 114.8
 145 30.9 27.4 41.0

