

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021119.D
 Acq On : 04 Dec 2021 15:39
 Operator : SY/VA
 Sample : M4881-21MSRE
 Misc : 3.97g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:49:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	92604	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	73504	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24533	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43161	33.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 133.800%	
7) Chloroethane-d5	2.879	69	28727	33.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 133.040%	
11) 1,1-Dichloroethene-d2	4.019	63	58356	28.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 113.240%#	
21) 2-Butanone-d5	7.074	46	16353	55.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 111.140%	
24) Chloroform-d	7.647	84	68034	29.336	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.360%	
26) 1,2-Dichloroethane-d4	8.305	65	35495	27.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.920%	
32) Benzene-d6	8.275	84	121930	32.443	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 129.760%	
36) 1,2-Dichloropropane-d6	9.274	67	34813	33.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 133.320%#	
41) Toluene-d8	10.323	98	111742	28.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.000%	
43) trans-1,3-Dichloroprop...	10.579	79	13577	28.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.520%	
47) 2-Hexanone-d5	10.927	63	12309	61.598	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.200%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26519	27.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 109.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	21234	24.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	13678	30.239	ug/L	98
3) Chloromethane	2.209	50	29342	28.976	ug/L	98
5) Vinyl chloride	2.355	62	51886	29.495	ug/L	97
6) Bromomethane	2.770	94	34004	29.071	ug/L	95
8) Chloroethane	2.916	64	23380	31.890	ug/L	100
9) Trichlorofluoromethane	3.251	101	23589	27.771	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35505	26.704	ug/L	92
12) 1,1-Dichloroethene	4.038	96	31945	26.577	ug/L	81
13) Acetone	4.123	43	15764	58.805	ug/L	94
14) Carbon disulfide	4.379	76	77571	23.250	ug/L	97
15) Methyl Acetate	4.666	43	13167	27.089	ug/L #	79
16) Methylene chloride	4.916	84	35667	24.447	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	32464	25.366	ug/L	78
18) Methyl tert-butyl Ether	5.422	73	59060	30.575	ug/L	94
19) 1,1-Dichloroethane	6.214	63	57543	28.355	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	35544	26.178	ug/L	69
22) 2-Butanone	7.171	43	20021	53.967	ug/L	89
23) Bromochloromethane	7.513	128	17916	28.202	ug/L #	67
25) Chloroform	7.677	83	63921	28.060	ug/L	98

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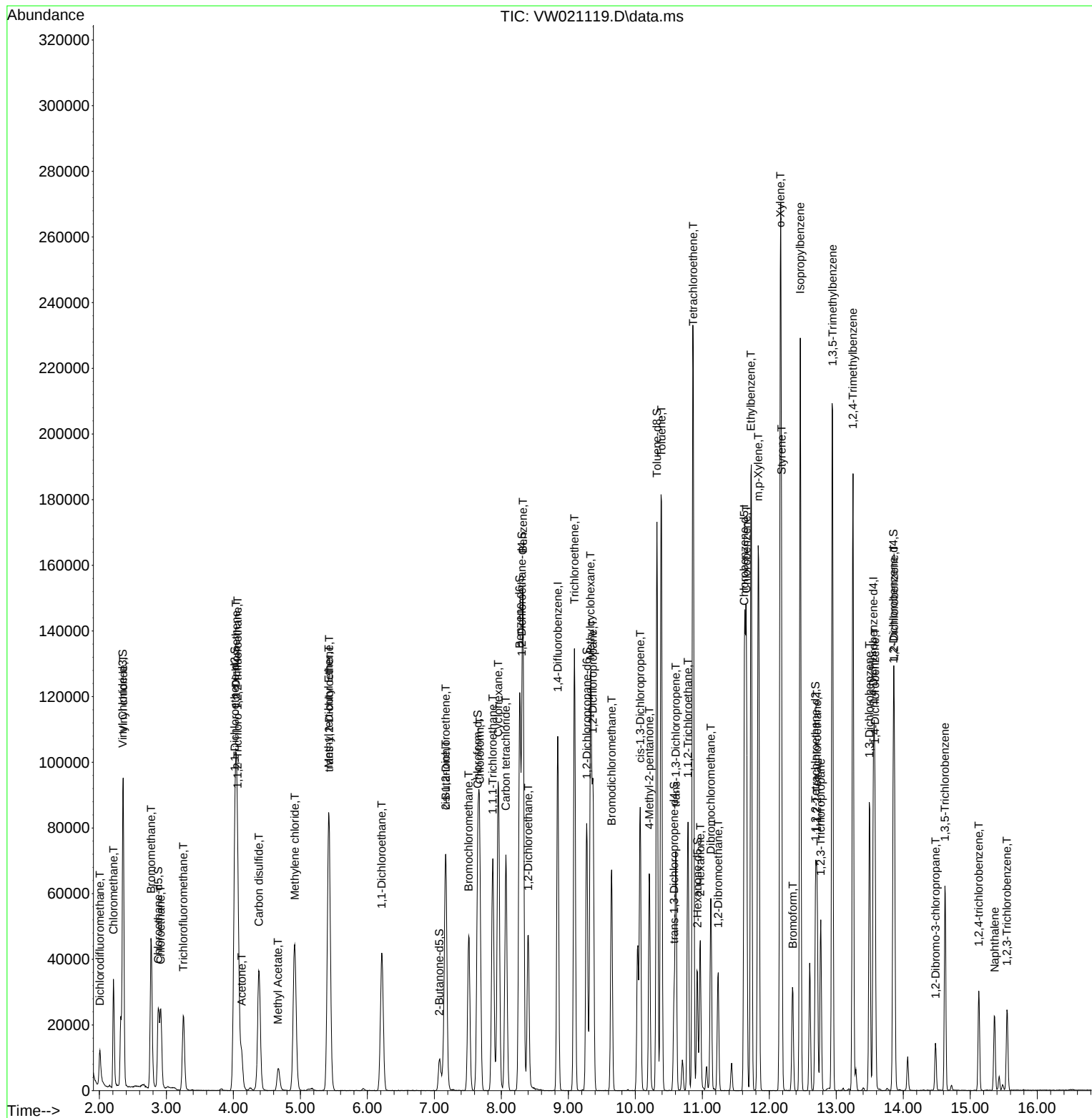
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42392	28.448	ug/L	96
29) Cyclohexane	7.952	56	49368	30.445	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	56152	32.764	ug/L	94
31) Carbon tetrachloride	8.067	117	51305	32.216	ug/L	99
33) Benzene	8.323	78	129303	30.934	ug/L	100
34) Trichloroethene	9.092	95	42234	36.624	ug/L	90
35) Methylcyclohexane	9.329	83	52802	27.203	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	30811	32.613	ug/L #	96
38) Bromodichloromethane	9.646	83	43455	32.721	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	45117	29.525	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	40482	62.900	ug/L #	92
42) Toluene	10.390	91	134026	28.073	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	36785	26.607	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25241	31.868	ug/L	94
46) Tetrachloroethene	10.866	164	51971	49.217	ug/L	92
48) 2-Hexanone	10.969	43	28763	61.953	ug/L #	95
49) Dibromochloromethane	11.128	129	28326	28.614	ug/L	99
50) 1,2-Dibromoethane	11.238	107	23416	28.990	ug/L #	98
51) Chlorobenzene	11.658	112	72846	22.835	ug/L	91
52) Ethylbenzene	11.725	91	135309	25.175	ug/L	100
53) m,p-Xylene	11.835	106	54805	24.649	ug/L	83
54) o-Xylene	12.164	106	52905	25.237	ug/L	83
55) Styrene	12.182	104	68220	19.100	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	26199	27.500	ug/L #	98
59) Bromoform	12.353	173	14572	41.651	ug/L	97
60) Isopropylbenzene	12.463	105	140110	41.094	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	18937	46.079	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	109725	38.429	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	98125	34.170	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	36361	22.649	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	33795	20.829	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	33496	23.433	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3340	35.991	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	19111	16.198	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	10029	10.344	ug/L	95
71) Naphthalene	15.365	128	19882	11.031	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8291	9.799	ug/L	97

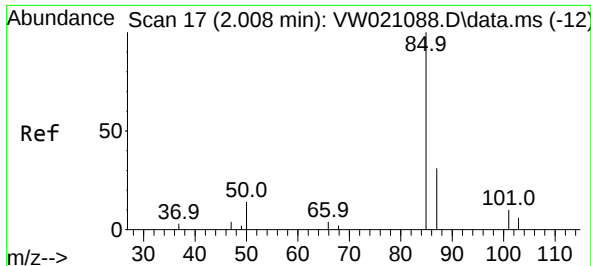
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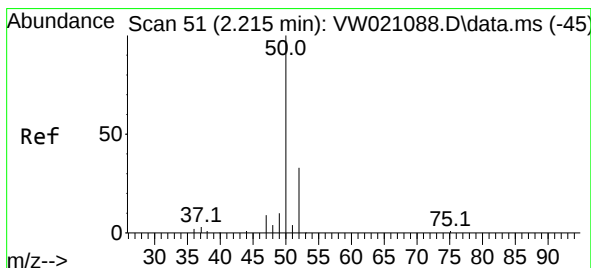
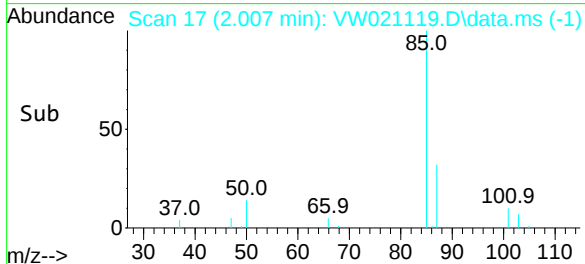
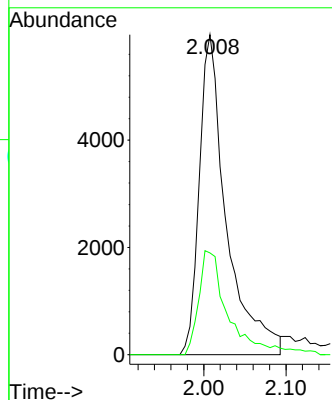
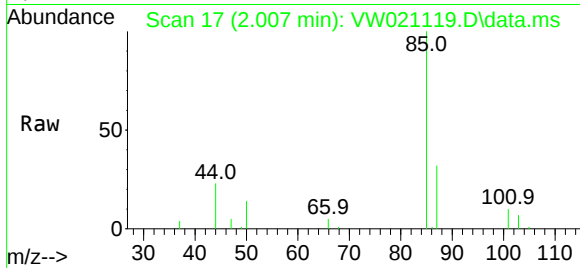




#2
 Dichlorodifluoromethane
 Concen: 30.239 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

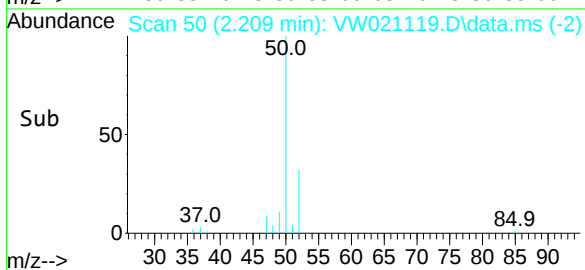
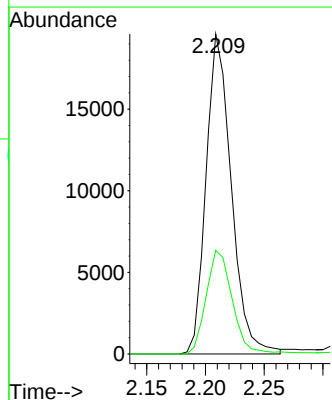
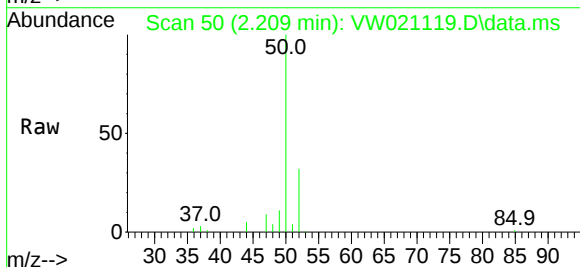
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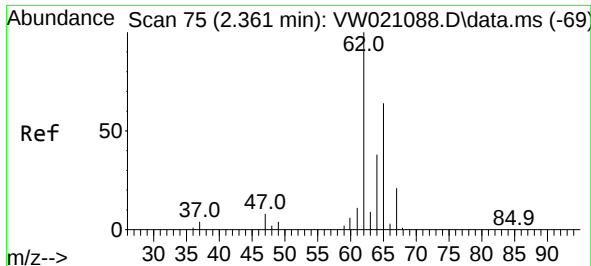
Tgt Ion: 85 Resp: 13678
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6



#3
 Chloromethane
 Concen: 28.976 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

Tgt Ion: 50 Resp: 29342
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.6

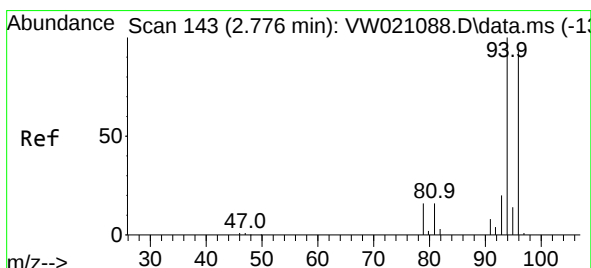
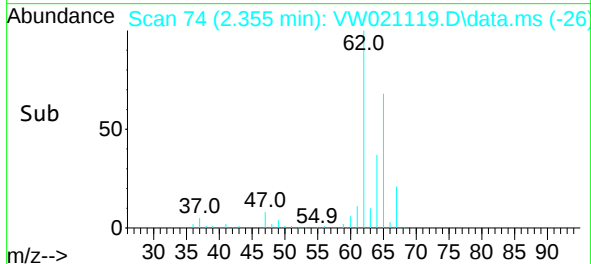
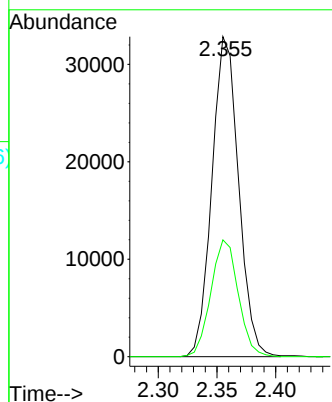
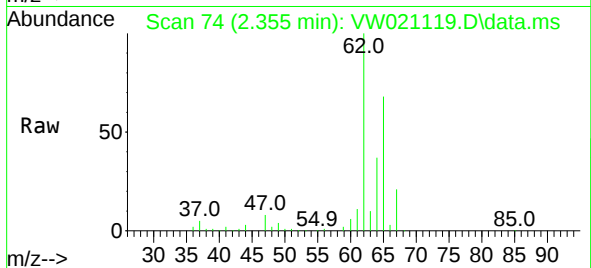




#5
 Vinyl chloride
 Concen: 29.495 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

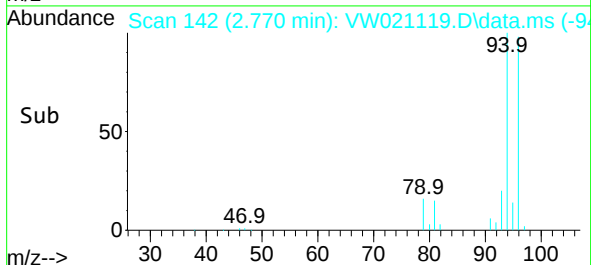
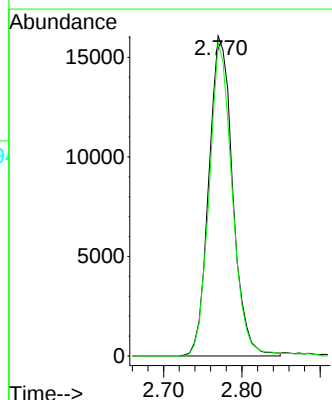
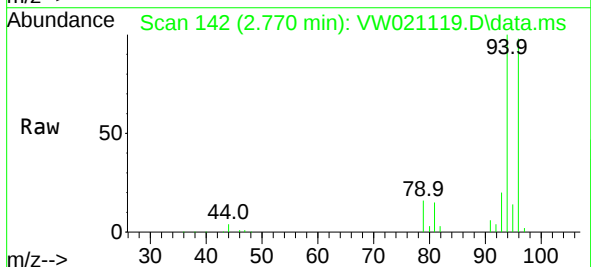
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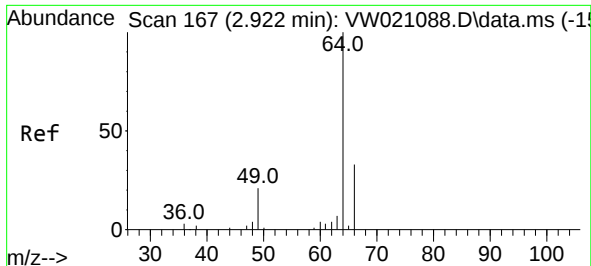
Tgt Ion: 62 Resp: 51886
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 29.071 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

Tgt Ion: 94 Resp: 34004
 Ion Ratio Lower Upper
 94 100
 96 97.7 64.8 120.4

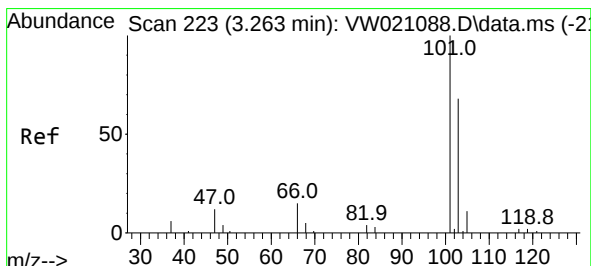
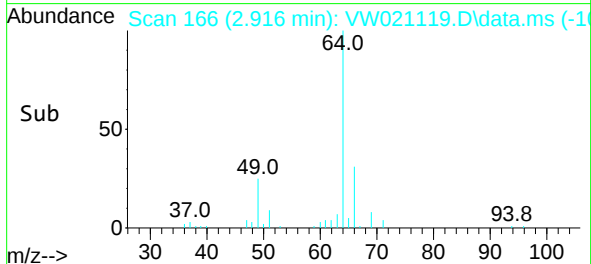
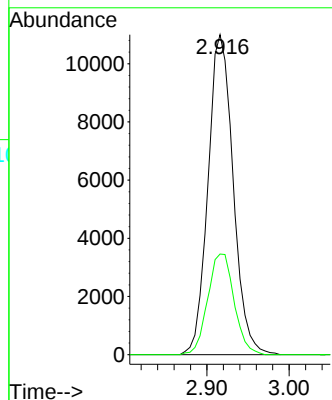
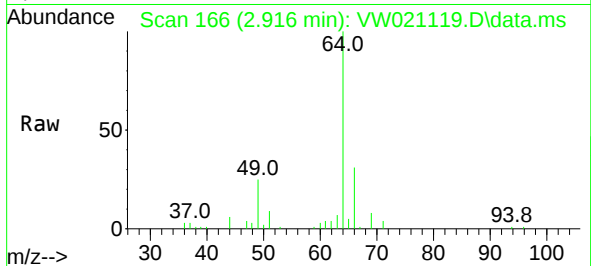




#8
Chloroethane
Concen: 31.890 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

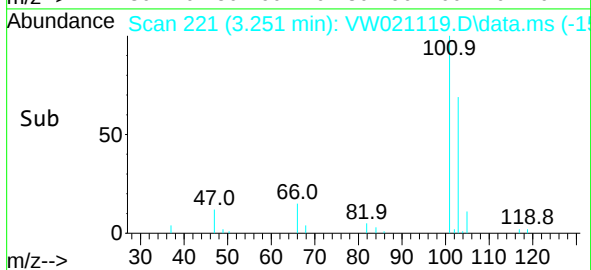
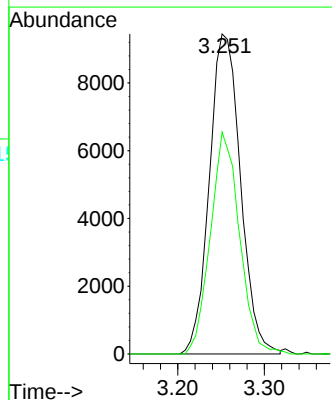
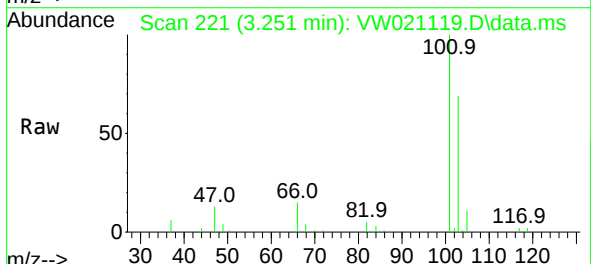
Instrument :
MSVOA_W
ClientSampleId :

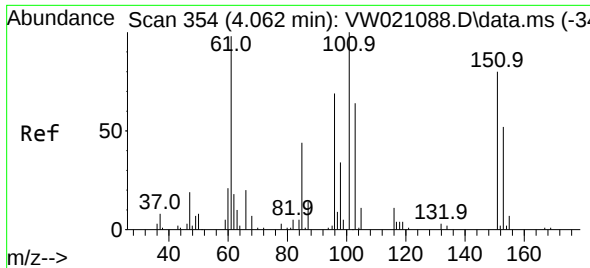
Tgt Ion: 64 Resp: 23380
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.771 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion:101 Resp: 23589
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

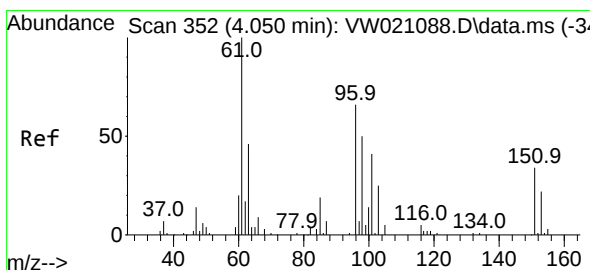
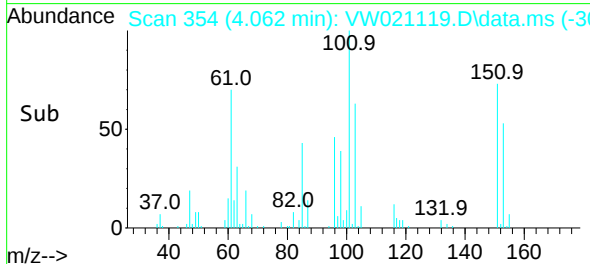
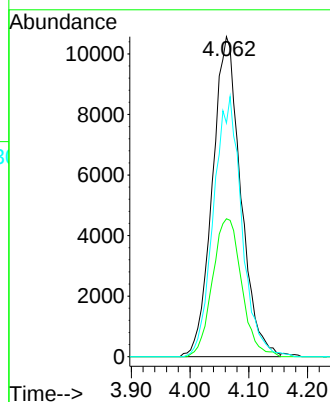
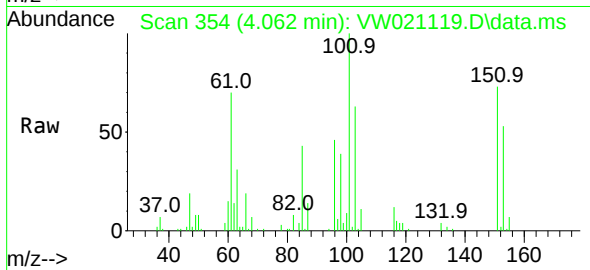




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.704 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

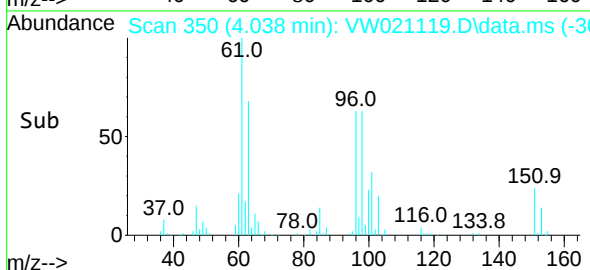
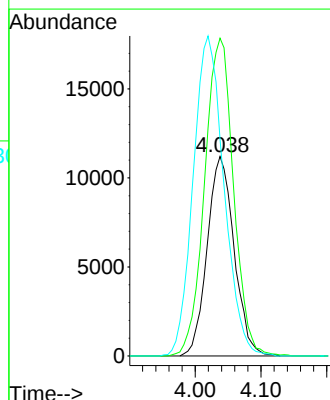
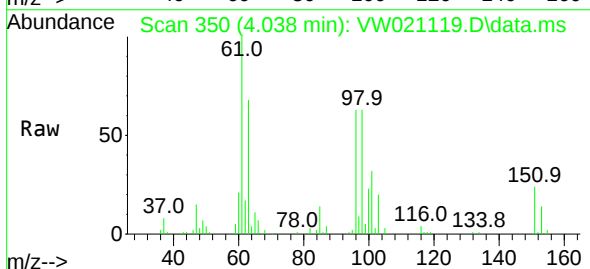
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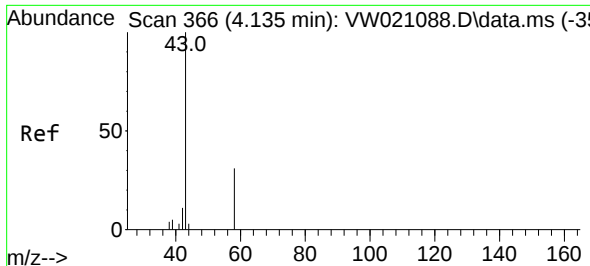
Tgt Ion:101 Resp: 35505
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.6 54.8
 151 81.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 26.577 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW021119.D
 Acq: 04 Dec 2021 15:39

Tgt Ion: 96 Resp: 31945
 Ion Ratio Lower Upper
 96 100
 61 159.3 138.3 256.9
 63 108.6 82.6 153.4

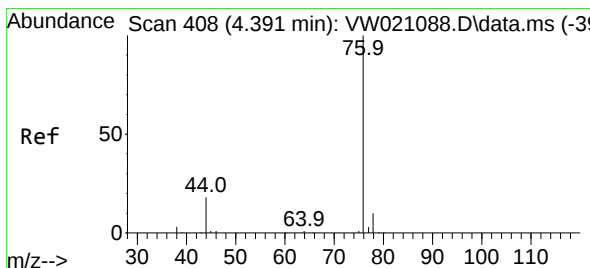
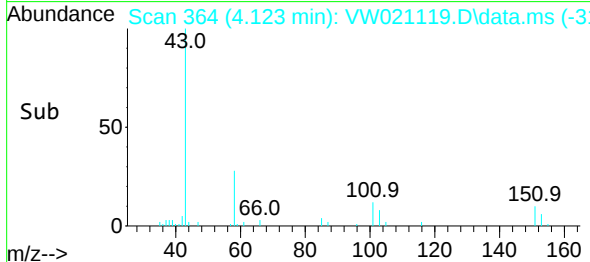
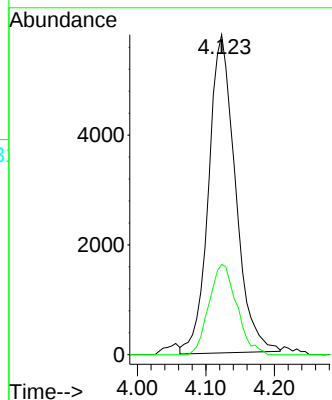
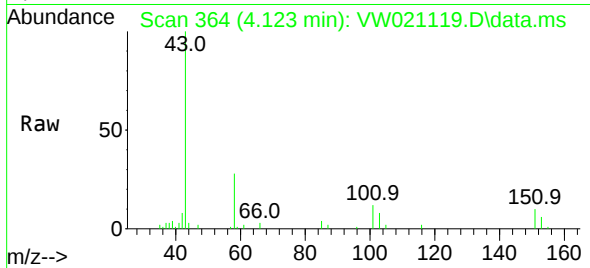




#13
Acetone
Concen: 58.805 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

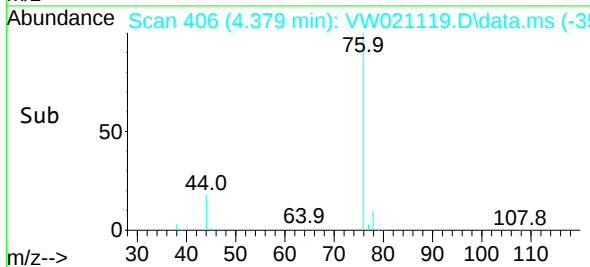
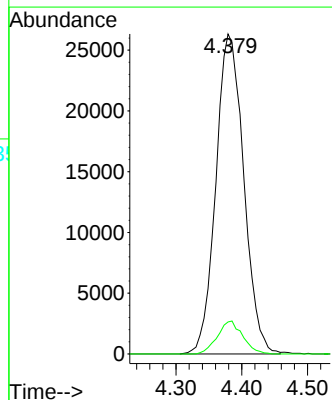
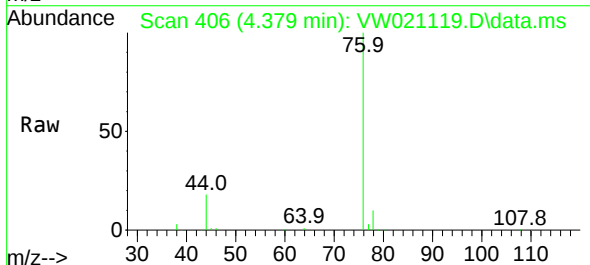
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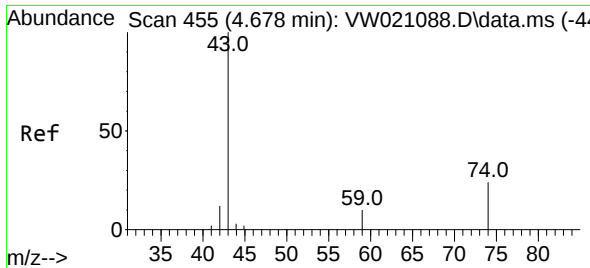
Tgt Ion: 43 Resp: 15764
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#14
Carbon disulfide
Concen: 23.250 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 77571
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

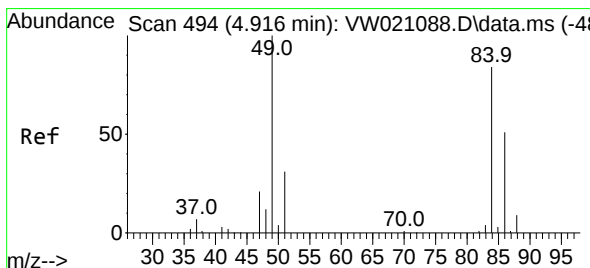
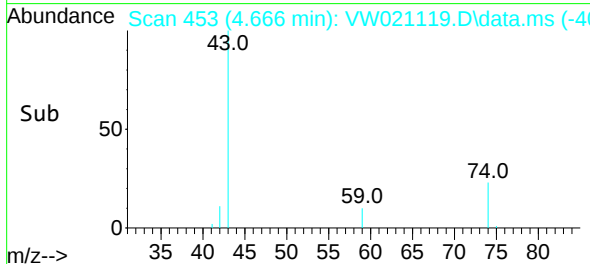
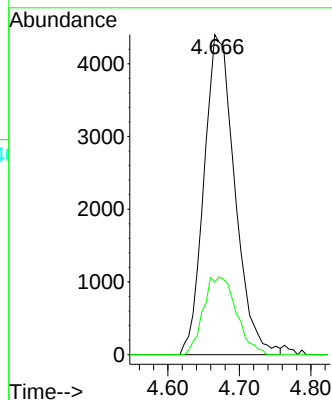
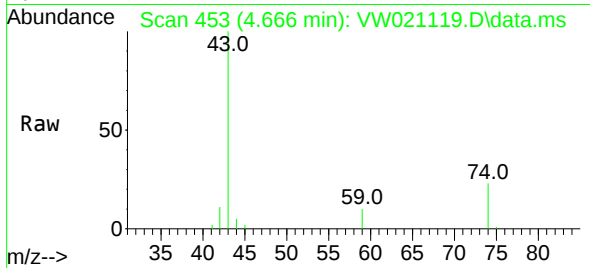




#15
Methyl Acetate
Concen: 27.089 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

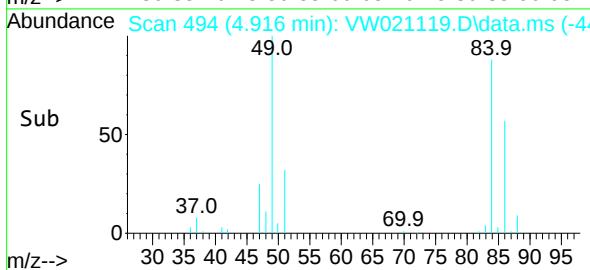
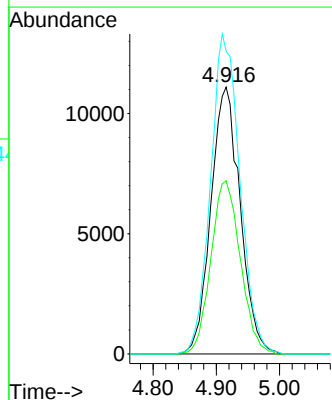
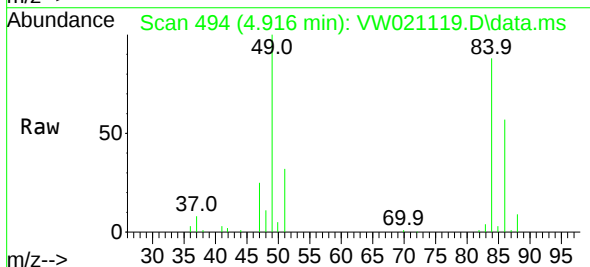
Instrument :
MSVOA_W
ClientSampleId :

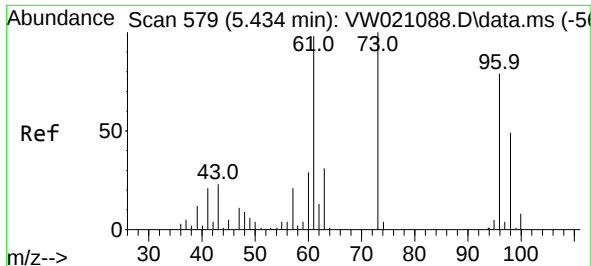
Tgt Ion: 43 Resp: 13167
Ion Ratio Lower Upper
43 100
74 10.7 16.4 24.6#



#16
Methylene chloride
Concen: 24.447 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 84 Resp: 35667
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 113.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 25.366 ug/L

RT: 5.428 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

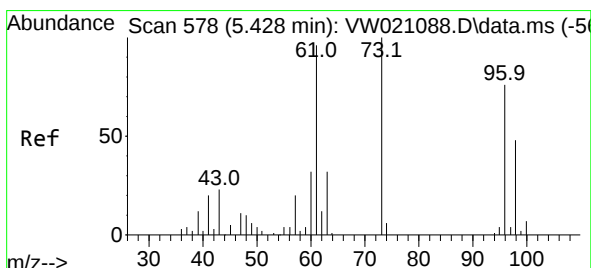
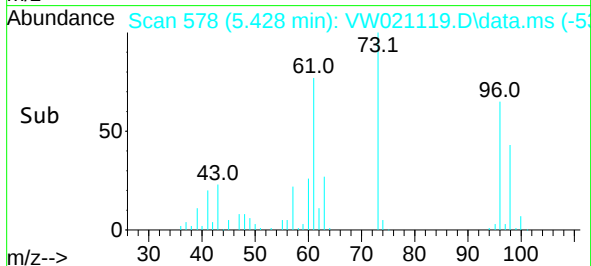
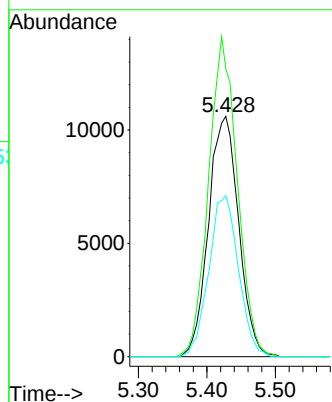
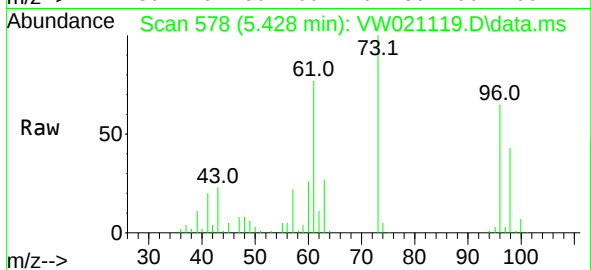
Tgt Ion: 96 Resp: 32464

Ion Ratio Lower Upper

96 100

61 119.9 107.4 199.4

98 67.0 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 30.575 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

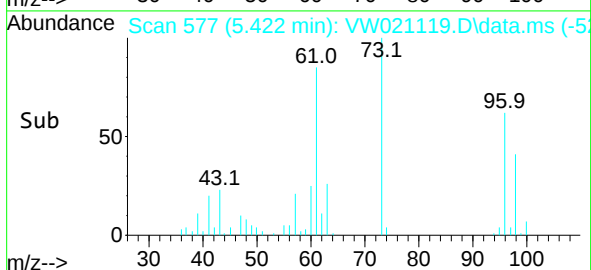
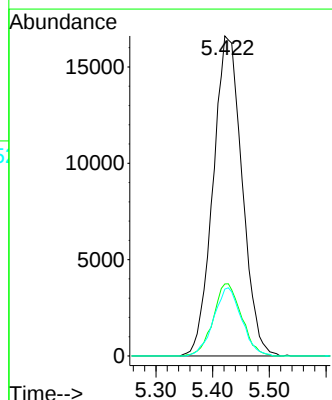
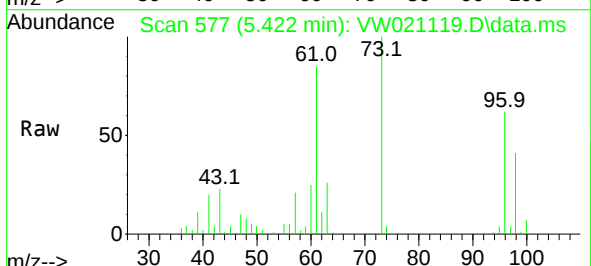
Tgt Ion: 73 Resp: 59060

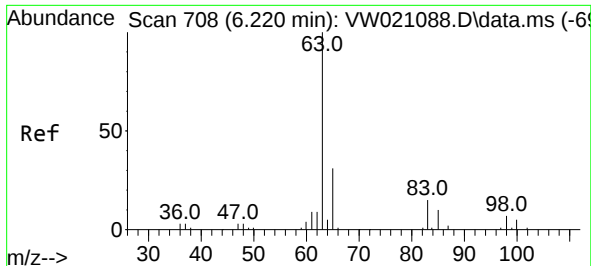
Ion Ratio Lower Upper

73 100

43 21.9 19.5 29.3

57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 28.355 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021119.D

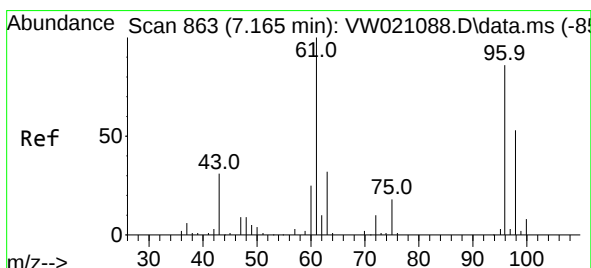
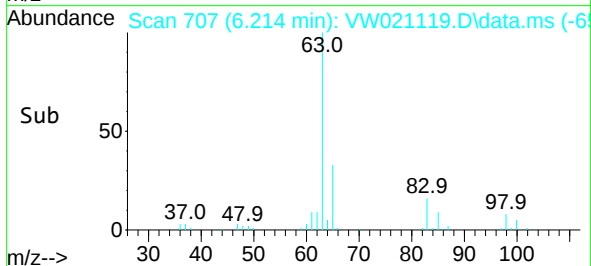
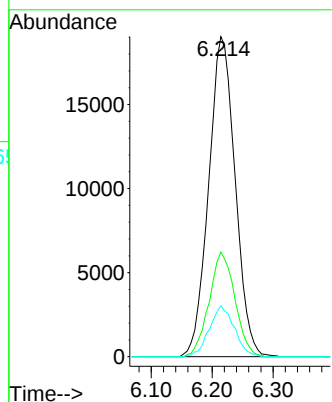
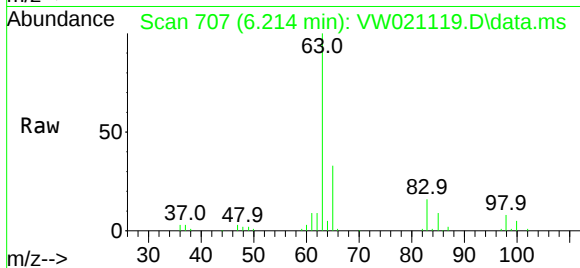
Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 57543
Ion Ratio	Lower Upper
63	100
65	32.7 22.1 41.1
83	15.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 26.178 ug/L

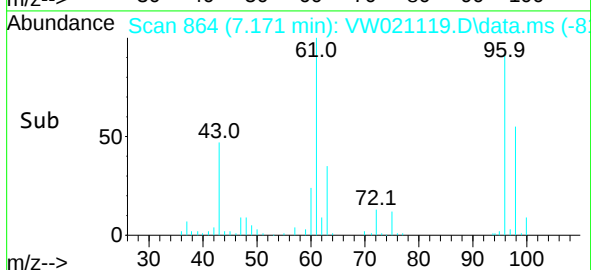
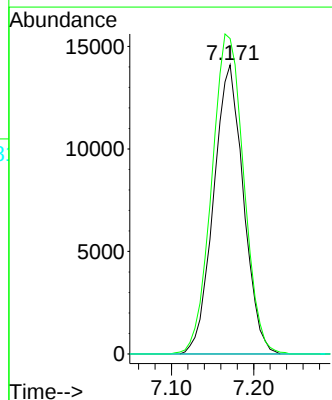
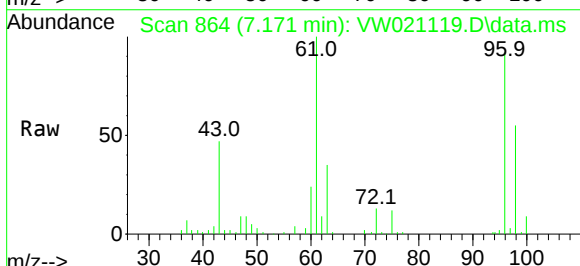
RT: 7.171 min Scan# 864

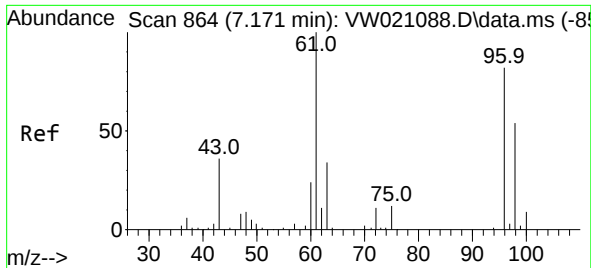
Delta R.T. 0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Tgt Ion: 96	Resp: 35544
Ion Ratio	Lower Upper
96	100
61	109.1 103.7 192.7
68	0.0 0.0 0.0

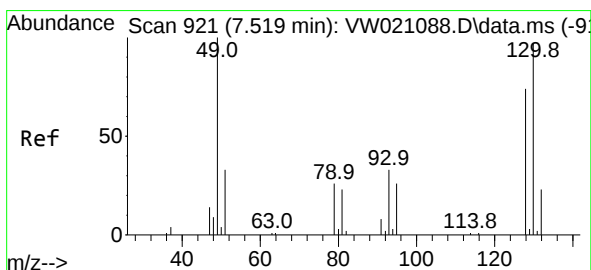
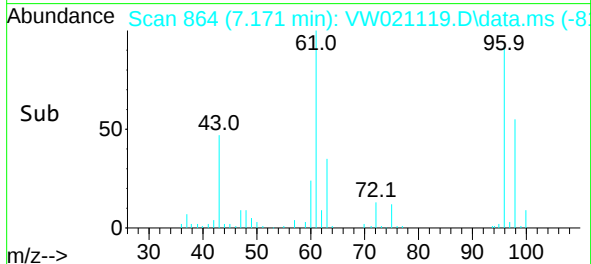
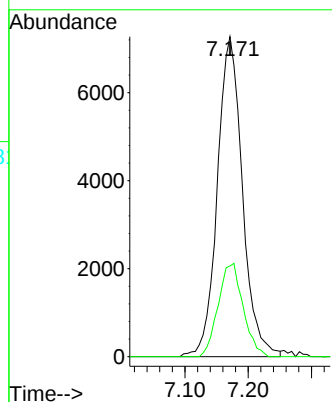
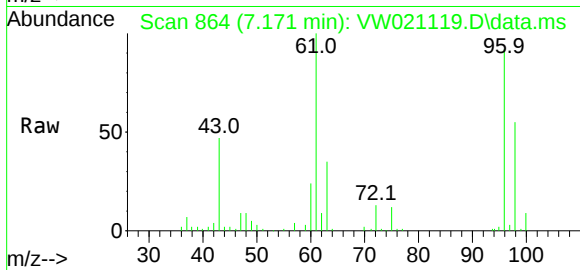




#22
2-Butanone
Concen: 53.967 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

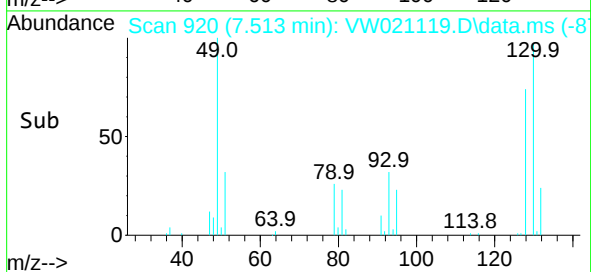
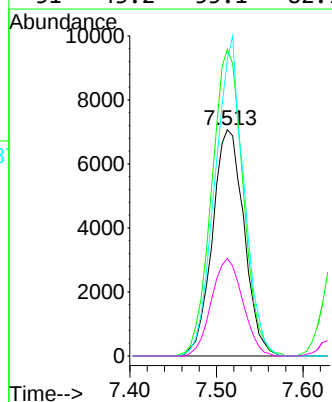
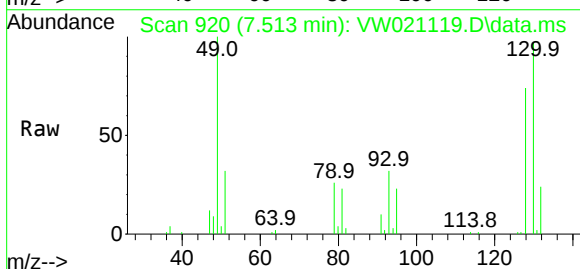
Instrument :
MSVOA_W
ClientSampleId :

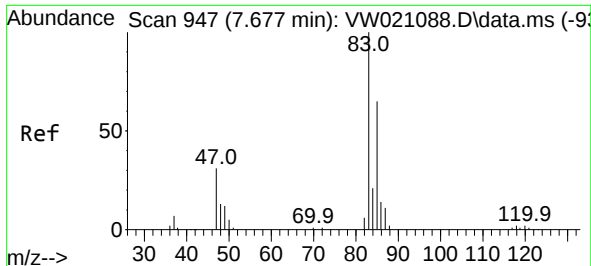
Tgt Ion: 43 Resp: 20021
Ion Ratio Lower Upper
43 100
72 28.9 11.8 35.4



#23
Bromochloromethane
Concen: 28.202 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 128 Resp: 17916
Ion Ratio Lower Upper
128 100
49 135.6 150.3 279.1#
130 131.2 88.3 163.9
51 43.2 55.1 82.7#

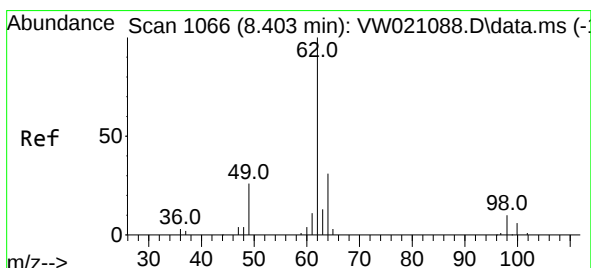
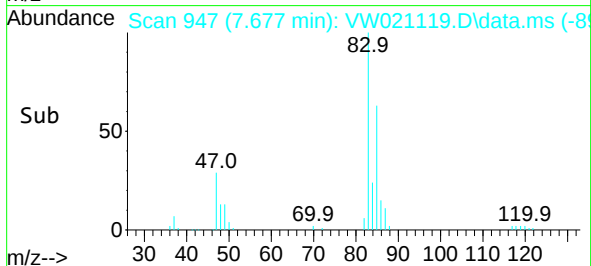
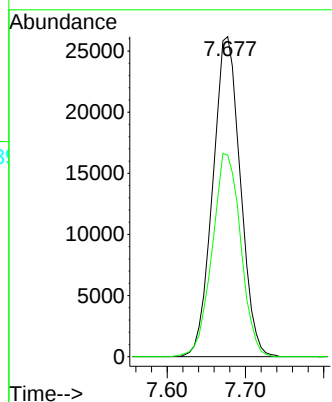
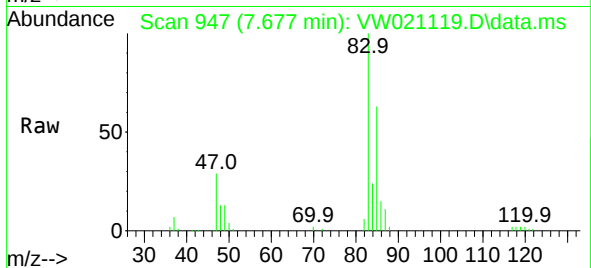




#25
Chloroform
Concen: 28.060 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

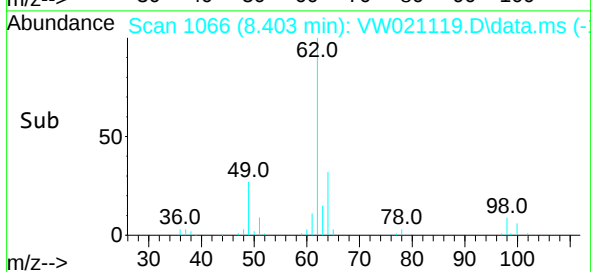
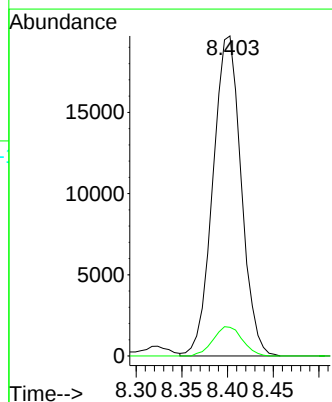
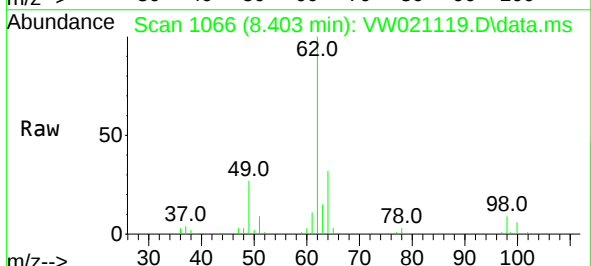
Instrument :
MSVOA_W
ClientSampleId :

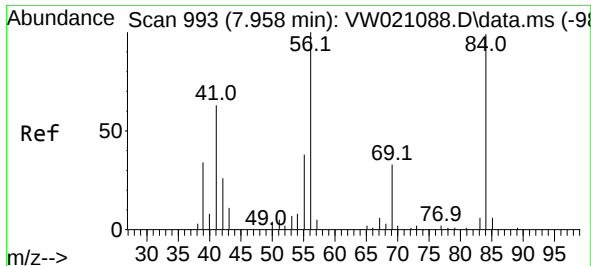
Tgt Ion: 83 Resp: 63921
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 28.448 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 62 Resp: 42392
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 30.445 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

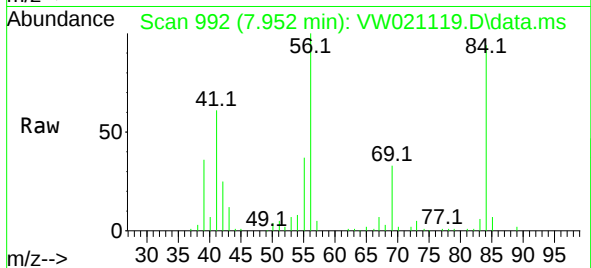
Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :



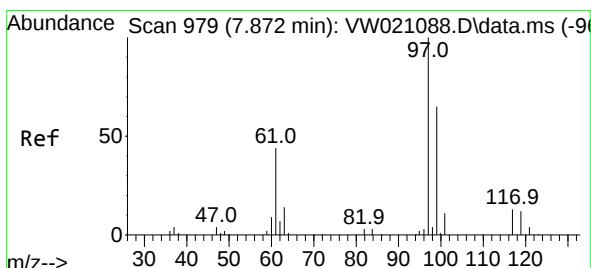
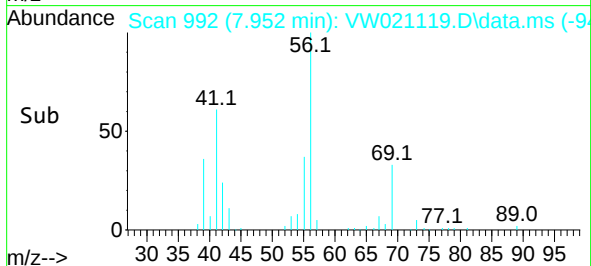
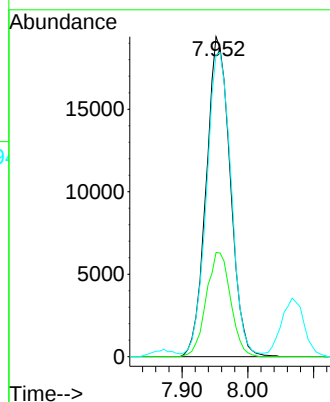
Tgt Ion: 56 Resp: 49368

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 97.6 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 32.764 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

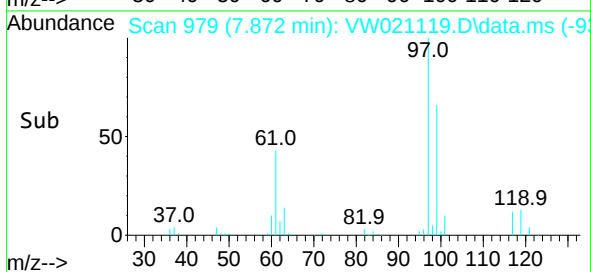
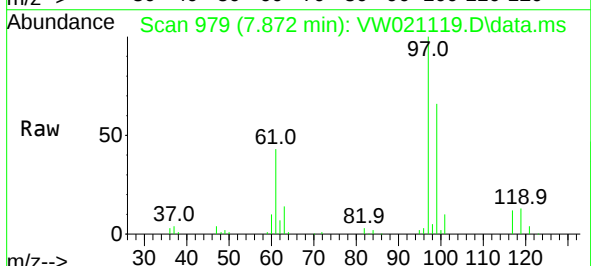
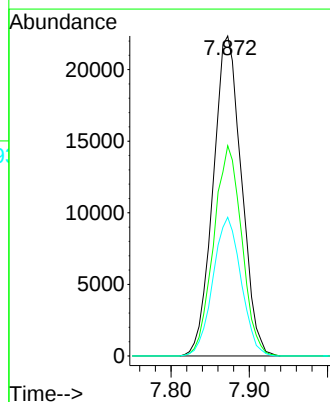
Tgt Ion: 97 Resp: 56152

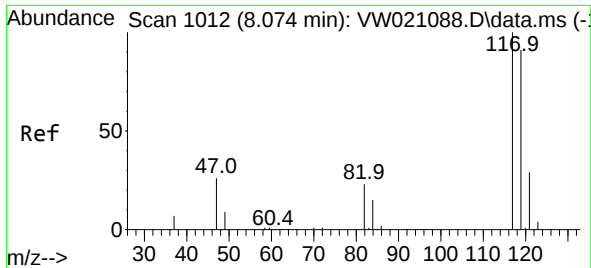
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 43.1 40.9 61.3

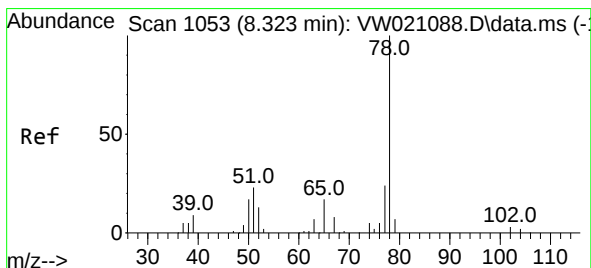
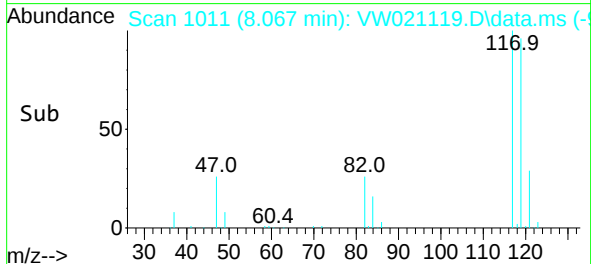
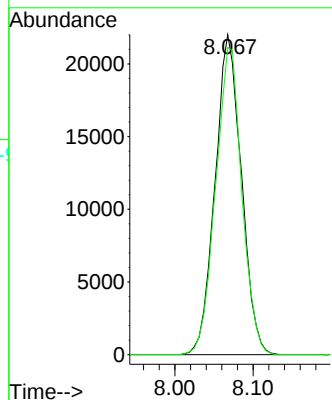
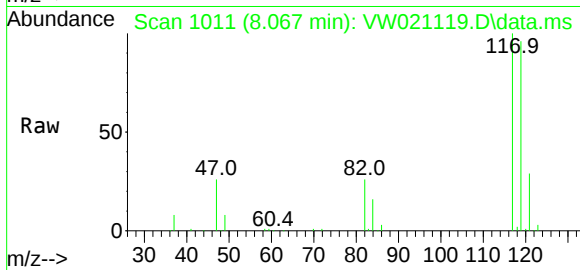




#31
Carbon tetrachloride
Concen: 32.216 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

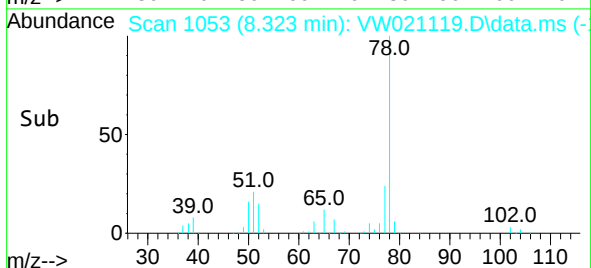
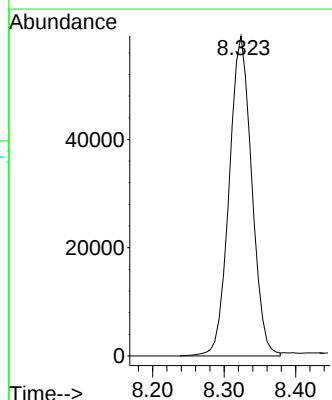
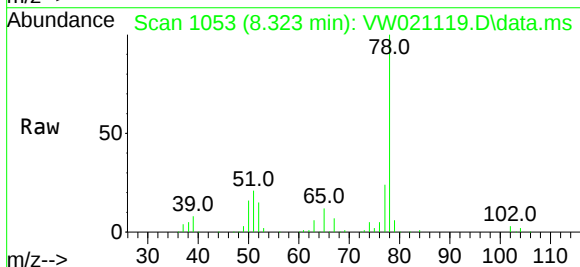
Instrument :
MSVOA_W
ClientSampleId :

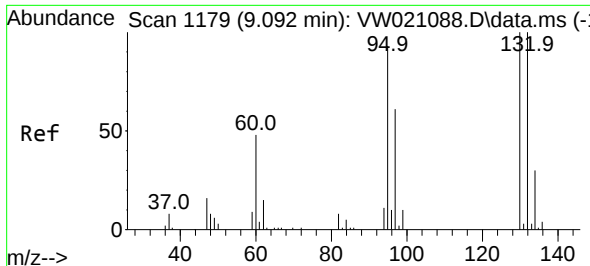
Tgt Ion:117 Resp: 51305
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5



#33
Benzene
Concen: 30.934 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 78 Resp: 129303





#34

Trichloroethene

Concen: 36.624 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 42234

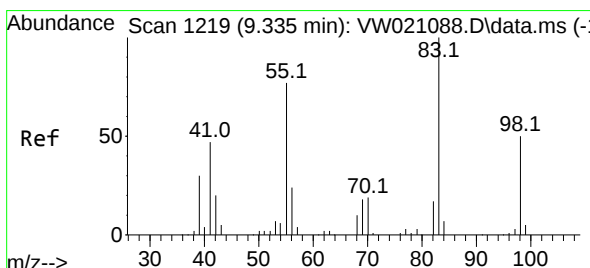
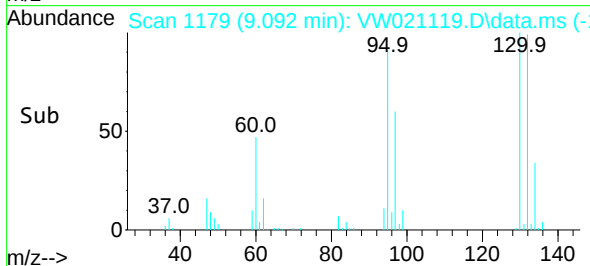
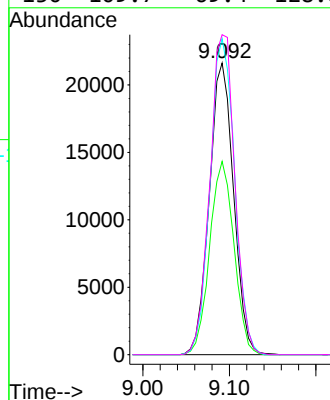
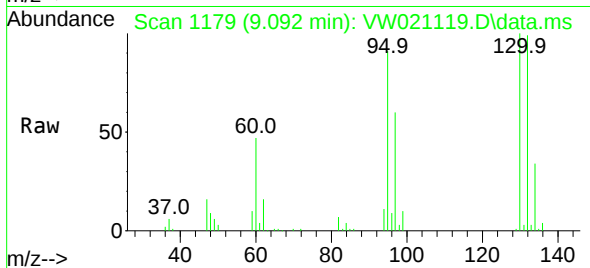
Ion Ratio Lower Upper

95 100

97 66.2 47.0 87.2

132 108.3 65.5 121.6

130 109.7 69.4 128.8



#35

Methylcyclohexane

Concen: 27.203 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

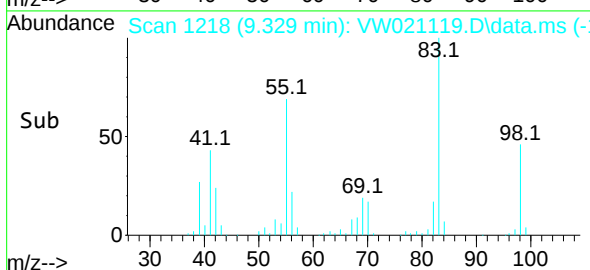
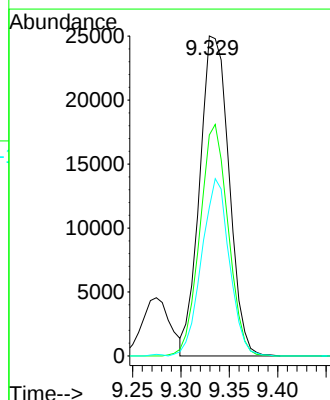
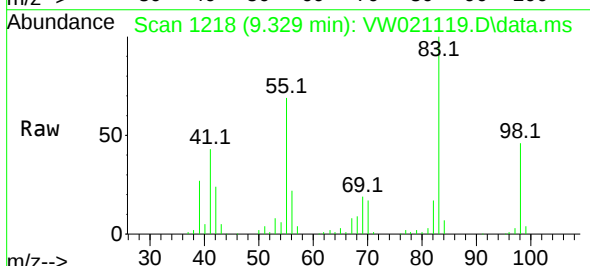
Tgt Ion: 83 Resp: 52802

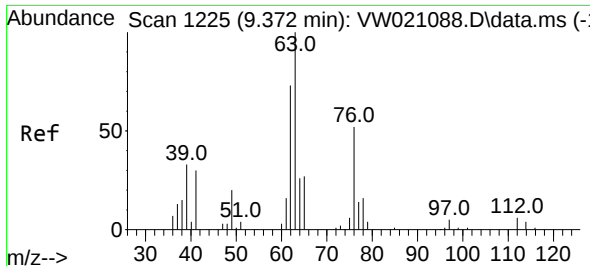
Ion Ratio Lower Upper

83 100

55 69.7 70.8 106.2#

98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 32.613 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

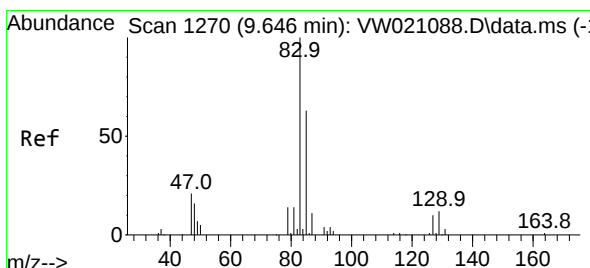
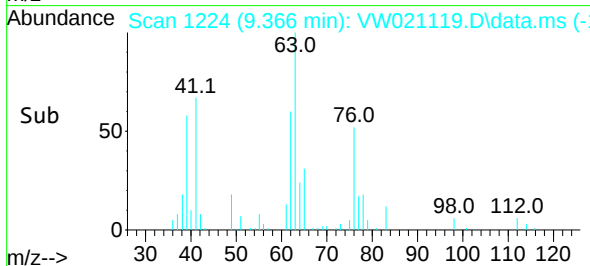
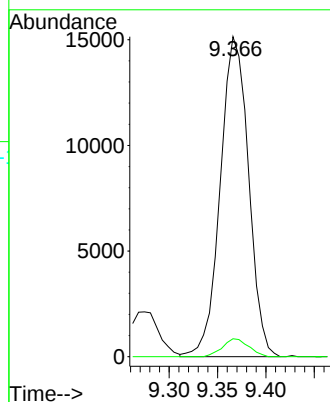
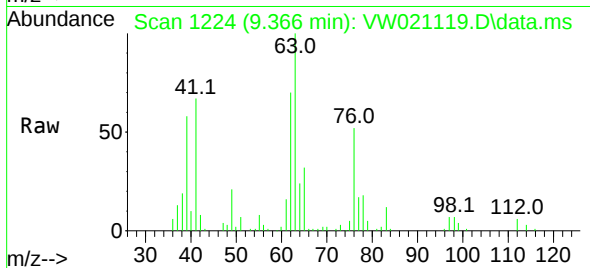
ClientSampleId :

Tgt Ion: 63 Resp: 30811

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 32.721 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

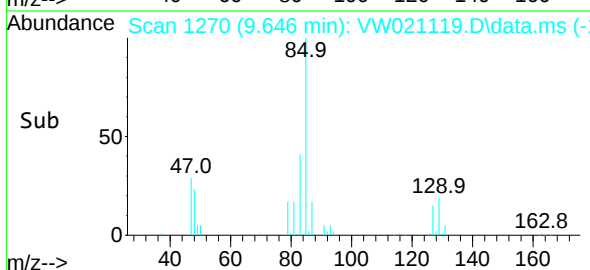
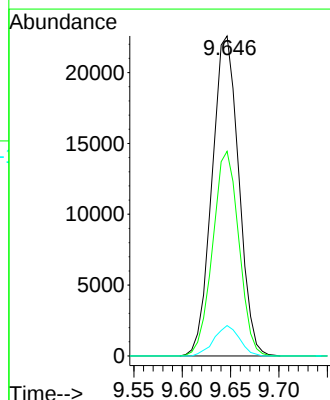
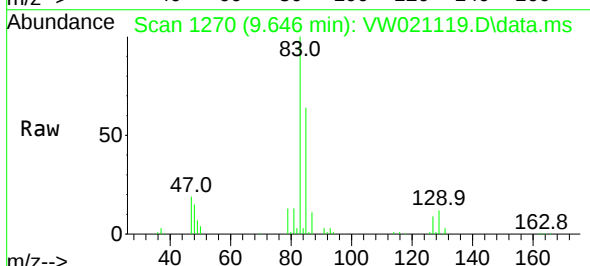
Tgt Ion: 83 Resp: 43455

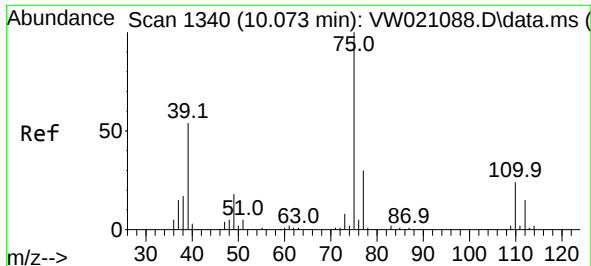
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 29.525 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

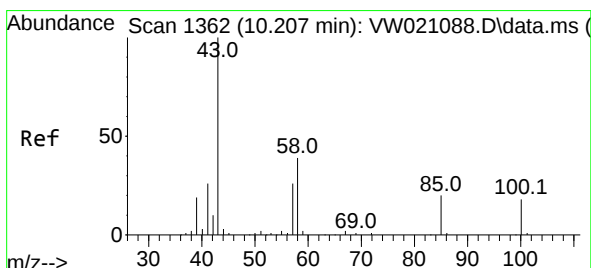
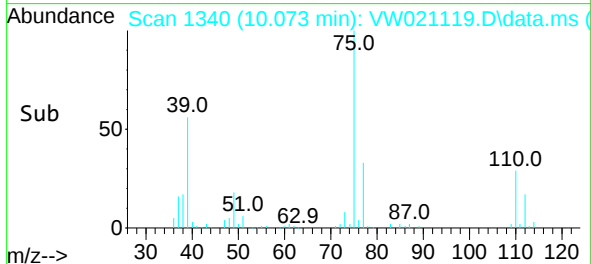
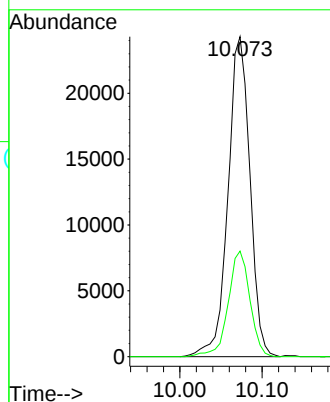
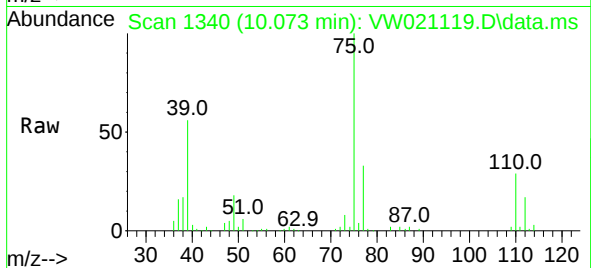
ClientSampleId :

Tgt Ion: 75 Resp: 45117

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 62.900 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

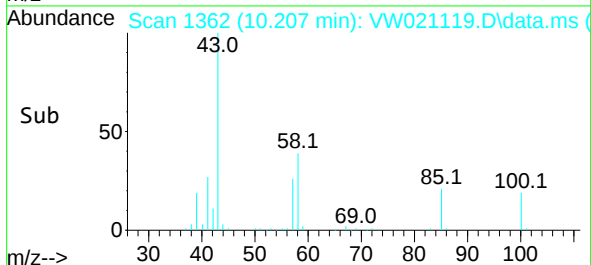
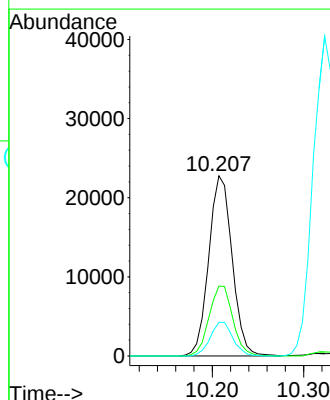
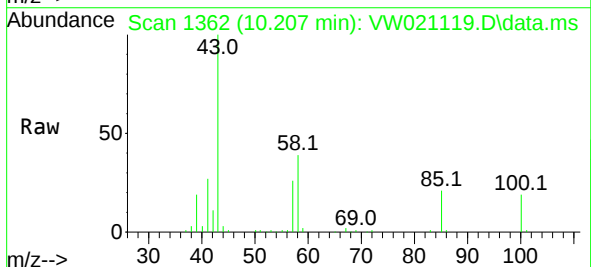
Tgt Ion: 43 Resp: 40482

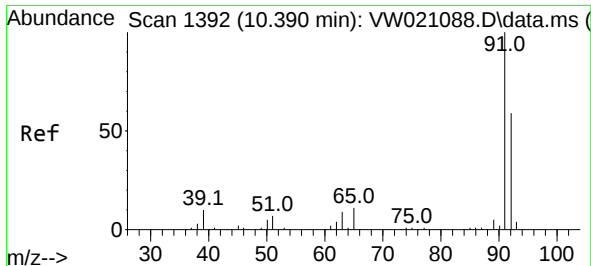
Ion Ratio Lower Upper

43 100

58 39.2 28.8 43.2

100 18.1 10.0 15.0#

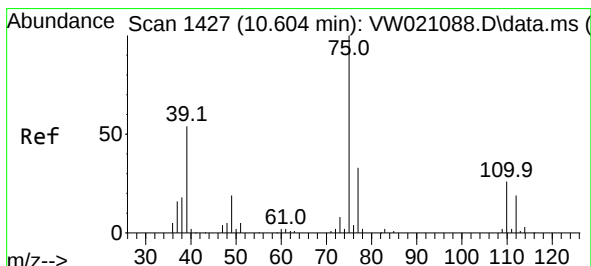
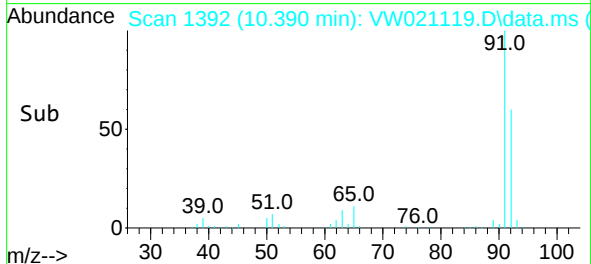
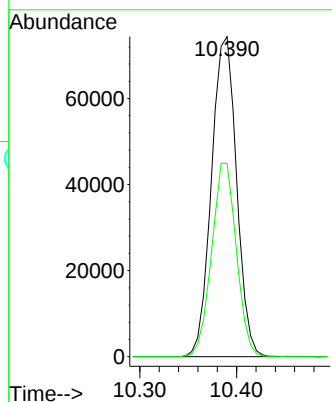
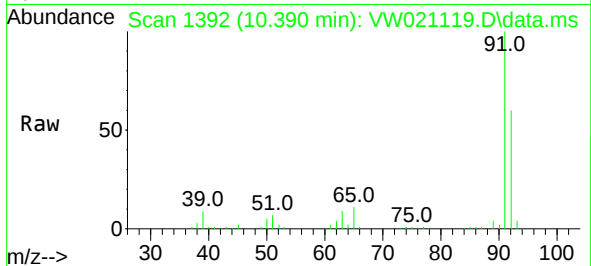




#42
Toluene
Concen: 28.073 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

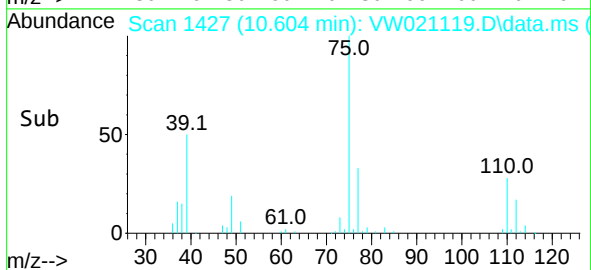
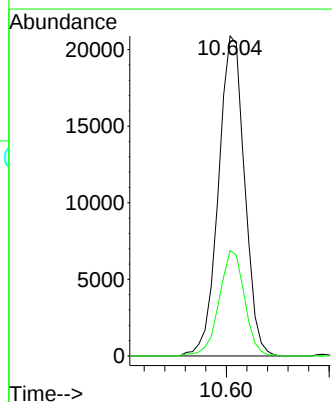
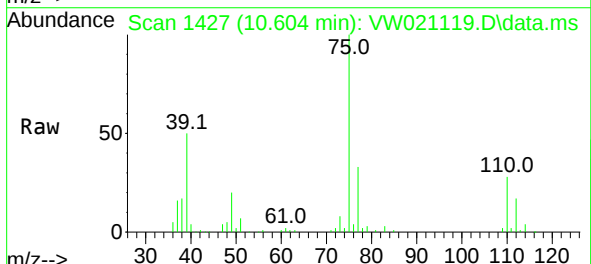
Instrument :
MSVOA_W
ClientSampleId :

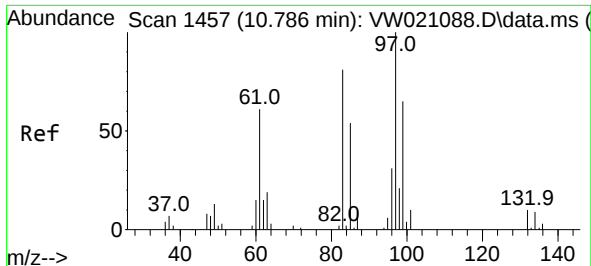
Tgt Ion: 91 Resp: 134026
Ion Ratio Lower Upper
91 100
92 60.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.607 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 75 Resp: 36785
Ion Ratio Lower Upper
75 100
77 33.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 31.868 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 25241

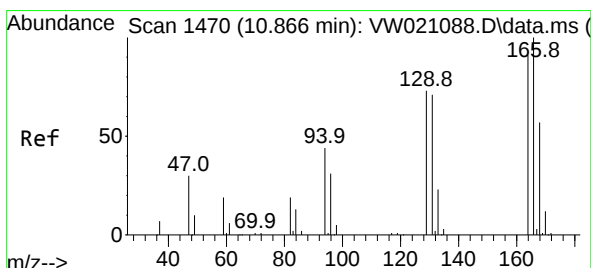
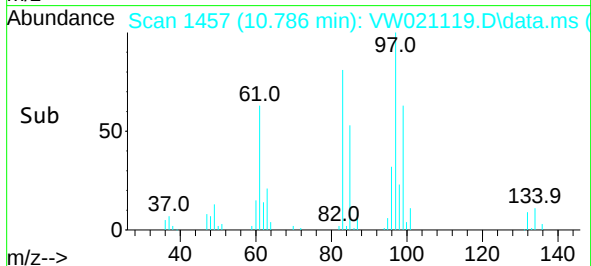
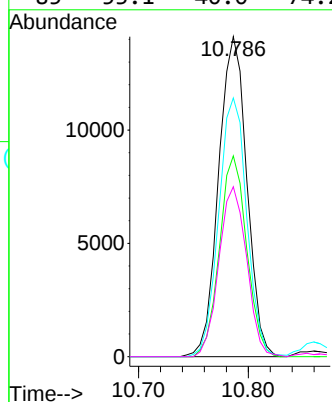
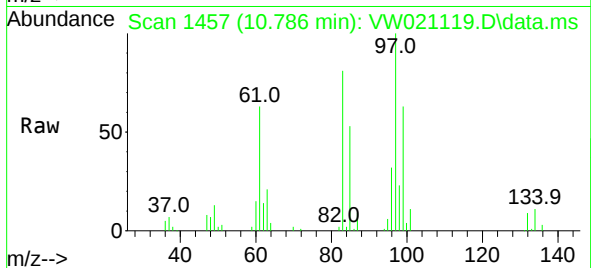
Ion Ratio Lower Upper

97 100

99 62.8 43.0 79.8

83 80.9 62.6 116.3

85 53.1 40.0 74.2



#46

Tetrachloroethene

Concen: 49.217 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Tgt Ion:164 Resp: 51971

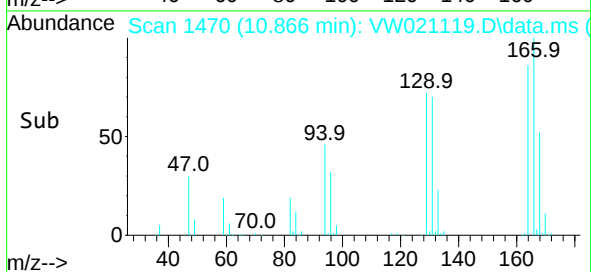
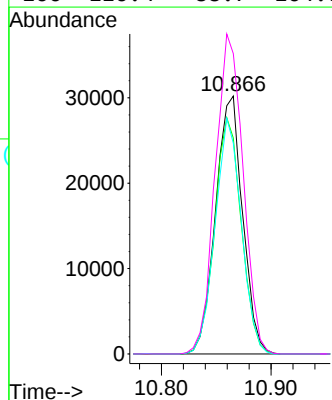
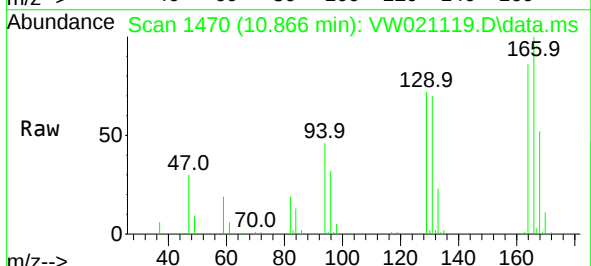
Ion Ratio Lower Upper

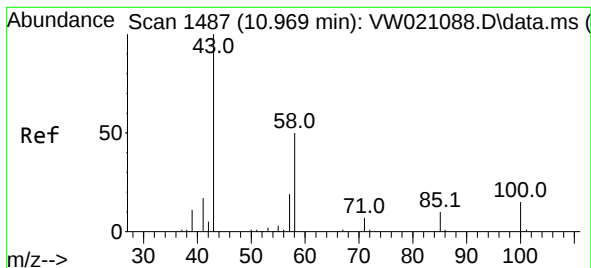
164 100

129 83.7 65.5 121.7

131 81.7 59.7 110.9

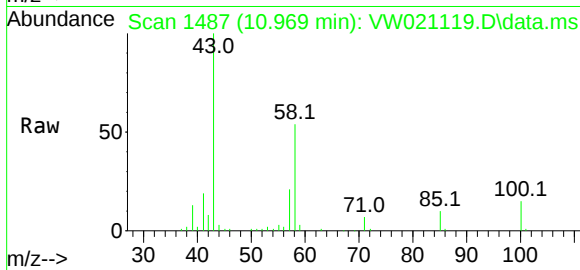
166 116.4 88.7 164.7



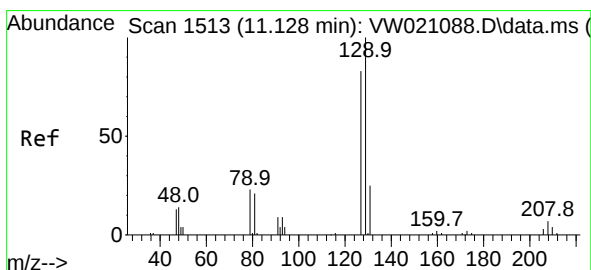
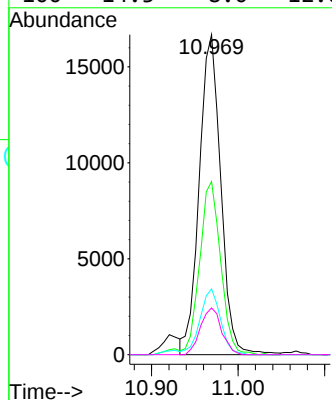
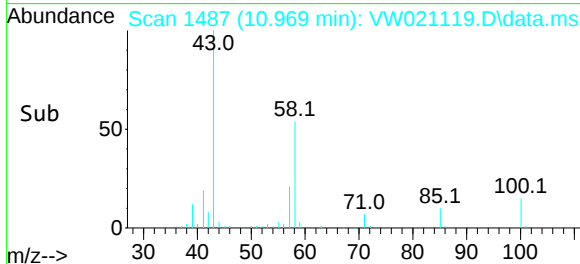


#48
2-Hexanone
Concen: 61.953 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Instrument :
MSVOA_W
ClientSampleId :

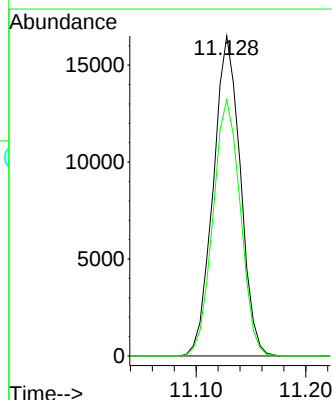
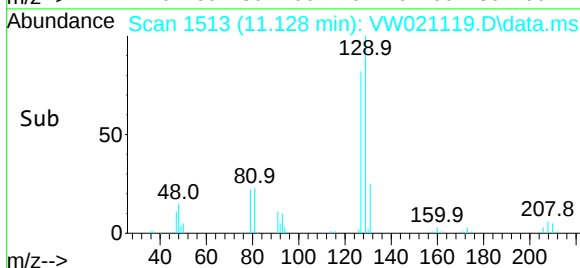
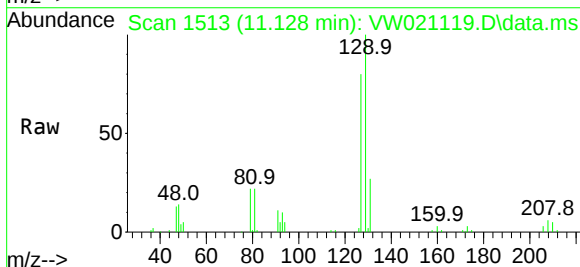


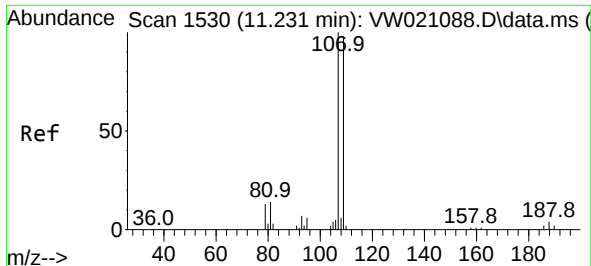
Tgt Ion: 43 Resp: 28763
Ion Ratio Lower Upper
43 100
58 52.7 40.2 60.2
57 19.6 14.3 21.5
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 28.614 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 129 Resp: 28326
Ion Ratio Lower Upper
129 100
127 80.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 28.990 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021119.D

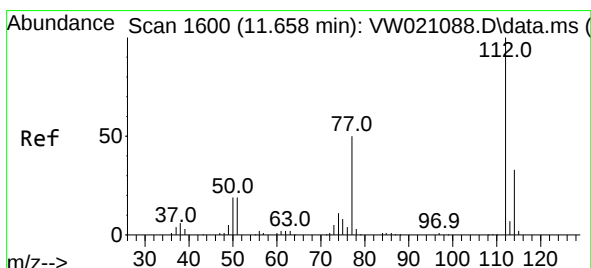
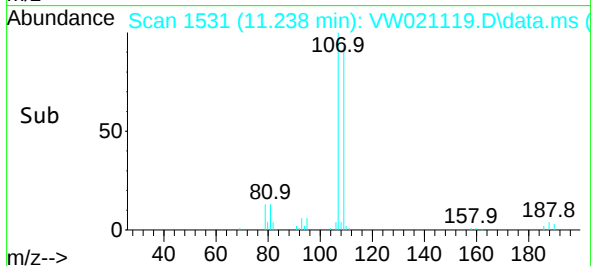
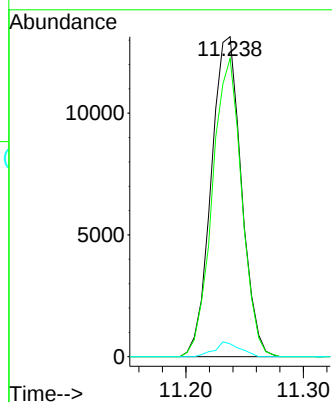
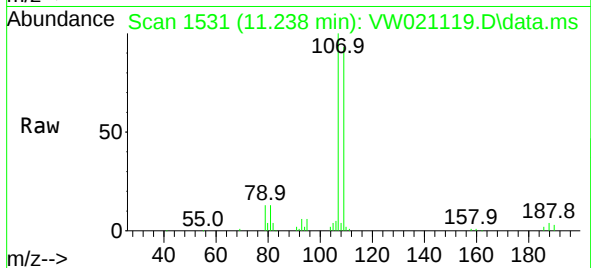
Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	23416
Ion Ratio	Lower	Upper
107	100	
109	93.2	64.1 119.1
188	4.0	2.6 3.8#



#51

Chlorobenzene

Concen: 22.835 ug/L

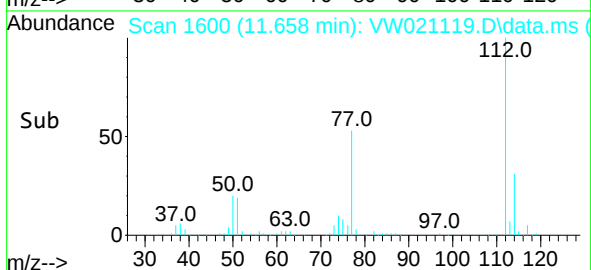
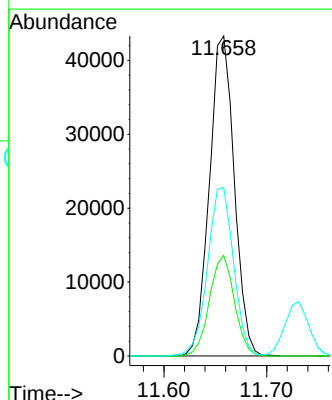
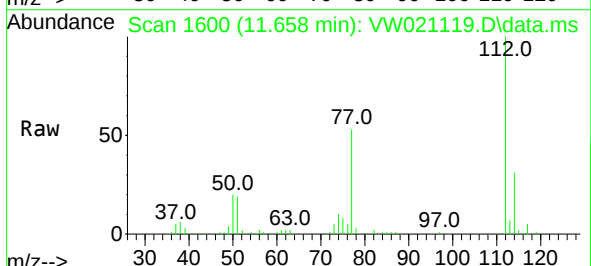
RT: 11.658 min Scan# 1600

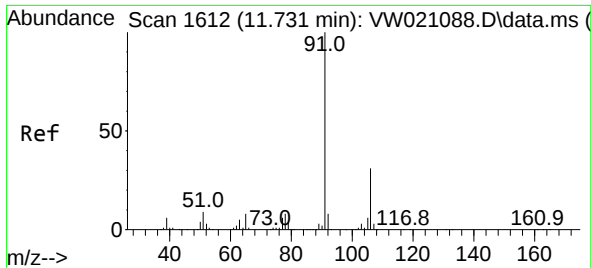
Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Tgt Ion:112	Resp:	72846
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.4 41.6
77	52.6	50.2 75.4

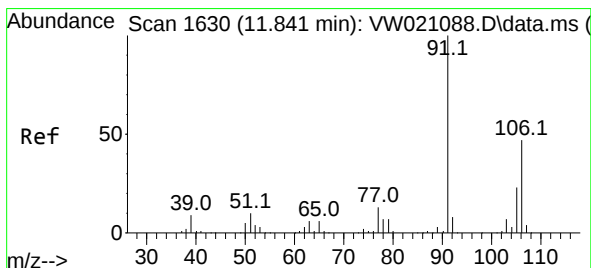
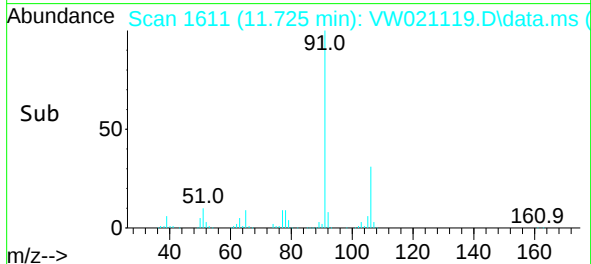
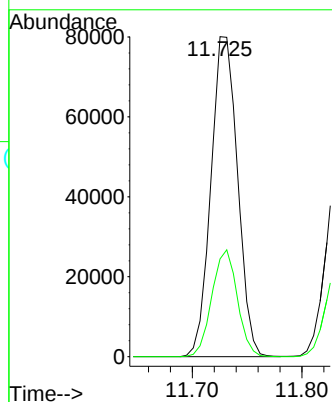
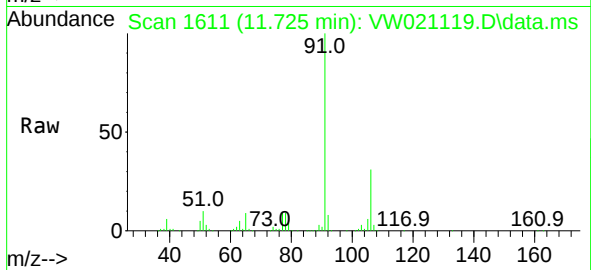




#52
Ethylbenzene
Concen: 25.175 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

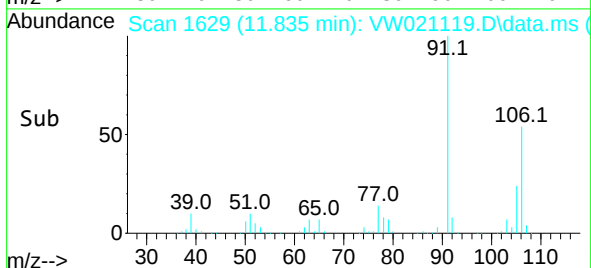
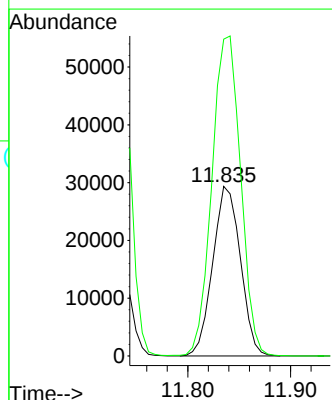
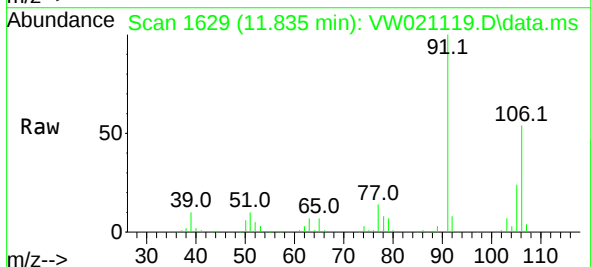
Instrument :
MSVOA_W
ClientSampleId :

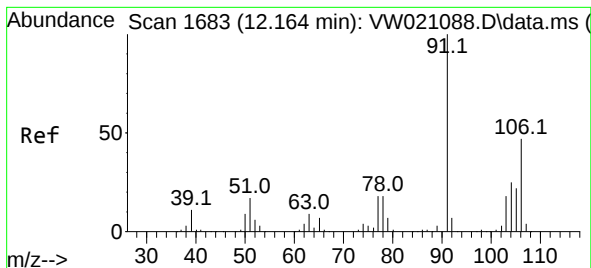
Tgt Ion: 91 Resp: 135309
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 24.649 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 106 Resp: 54805
Ion Ratio Lower Upper
106 100
91 186.8 149.9 278.3





#54

o-Xylene

Concen: 25.237 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

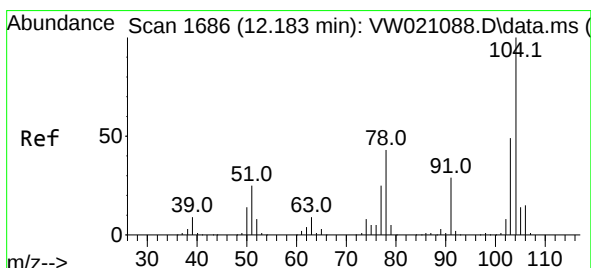
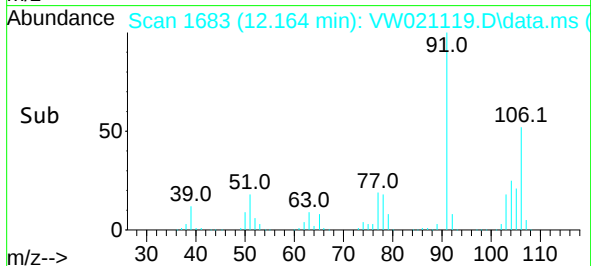
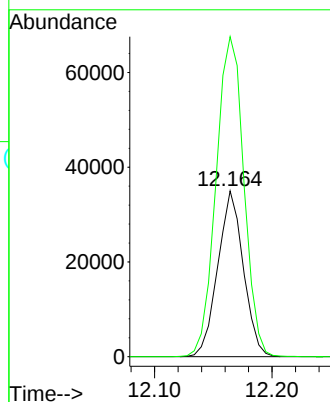
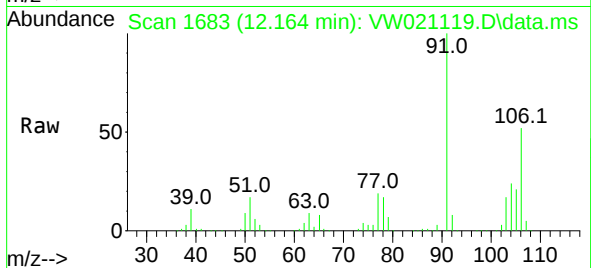
ClientSampleId :

Tgt Ion:106 Resp: 52905

Ion Ratio Lower Upper

106 100

91 193.0 153.6 285.3



#55

Styrene

Concen: 19.100 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW021119.D

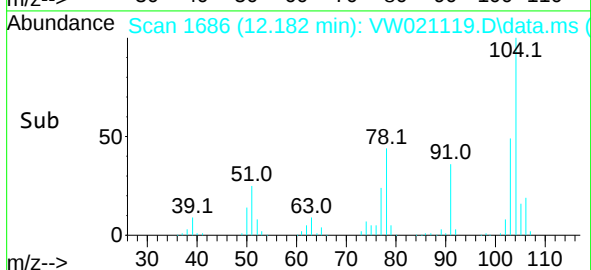
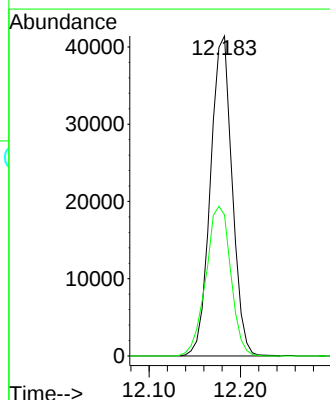
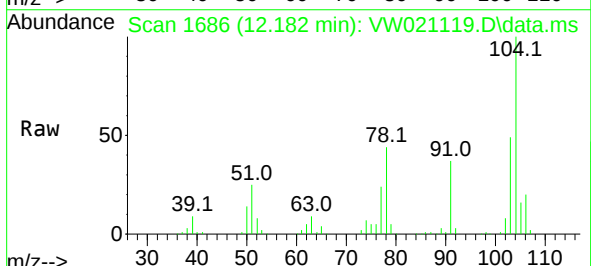
Acq: 04 Dec 2021 15:39

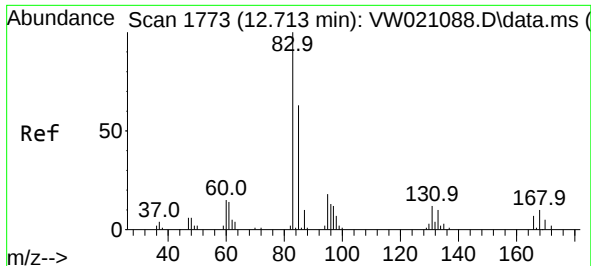
Tgt Ion:104 Resp: 68220

Ion Ratio Lower Upper

104 100

78 44.1 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 27.500 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021119.D

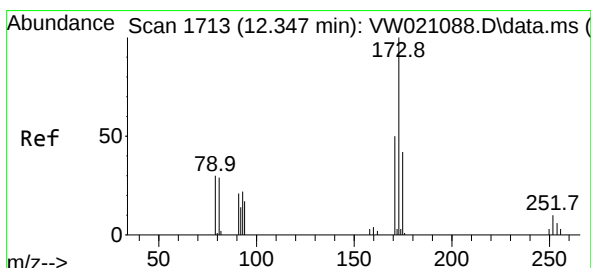
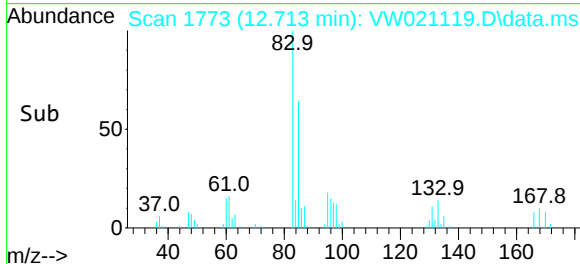
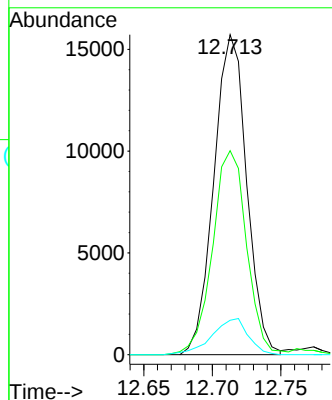
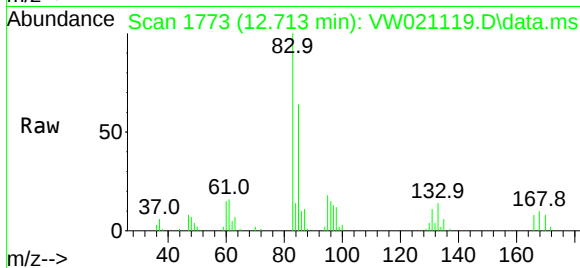
Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 26199
Ion Ratio	Lower Upper
83 100	
85 63.8	44.0 81.6
131 10.7	6.9 10.3#



#59

Bromoform

Concen: 41.651 ug/L

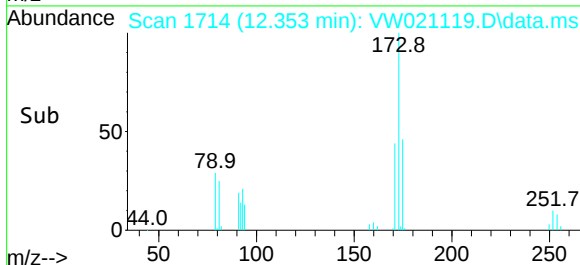
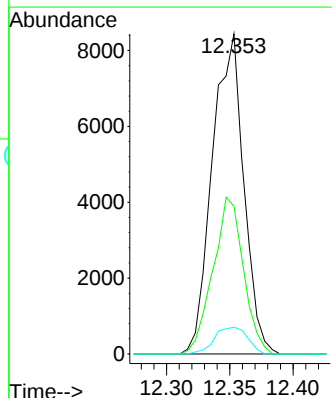
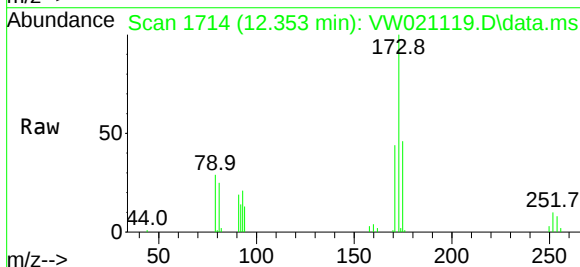
RT: 12.353 min Scan# 1714

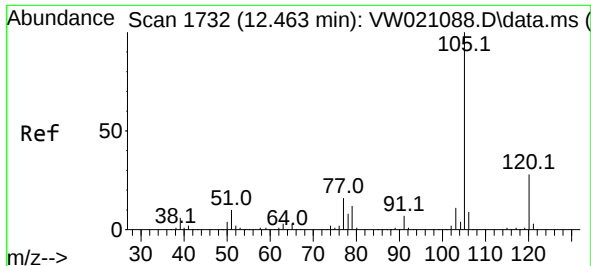
Delta R.T. 0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Tgt Ion: 173	Resp: 14572
Ion Ratio	Lower Upper
173 100	
175 47.4	39.6 59.4
254 8.8	7.4 11.0

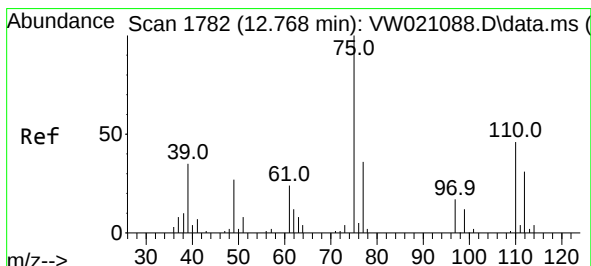
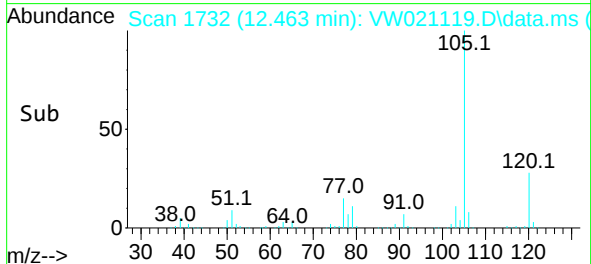
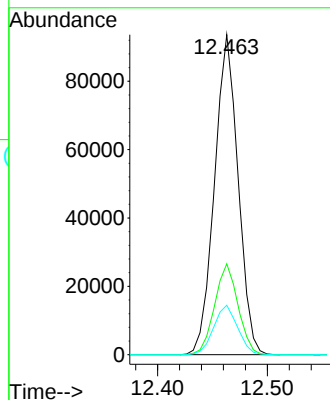
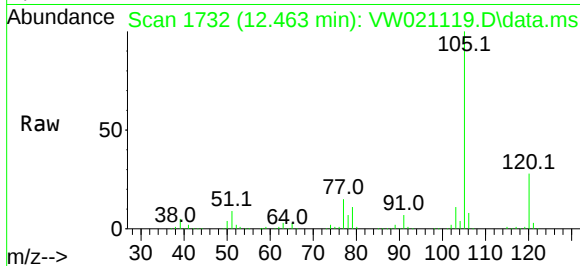




#60
Isopropylbenzene
Concen: 41.094 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

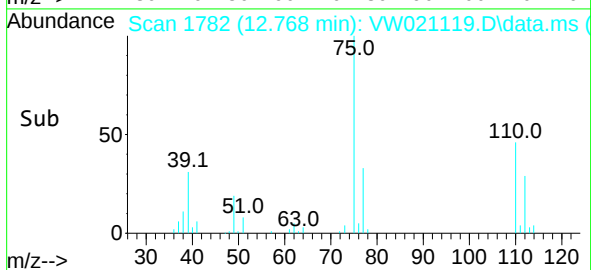
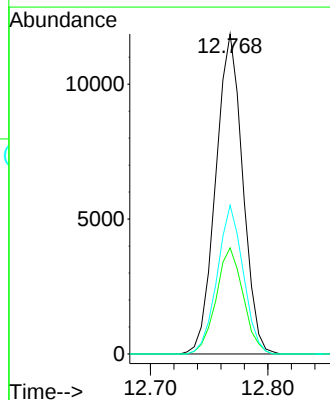
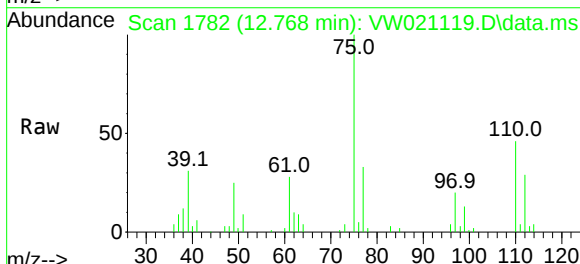
Instrument :
MSVOA_W
ClientSampleId :

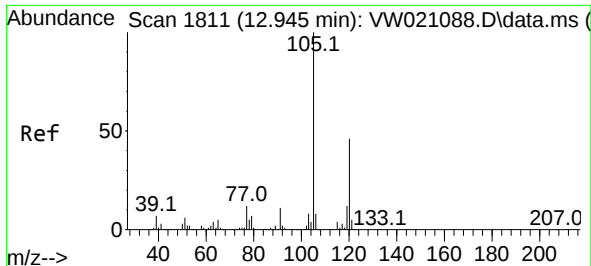
Tgt Ion:105 Resp: 140110
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 46.079 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion: 75 Resp: 18937
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
110 44.7 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 38.429 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

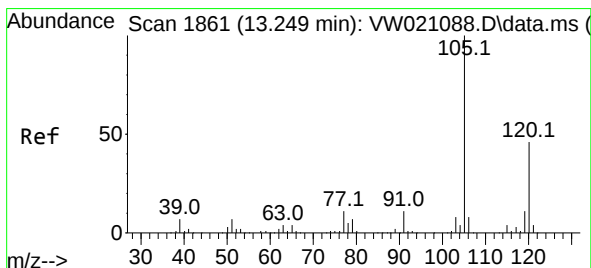
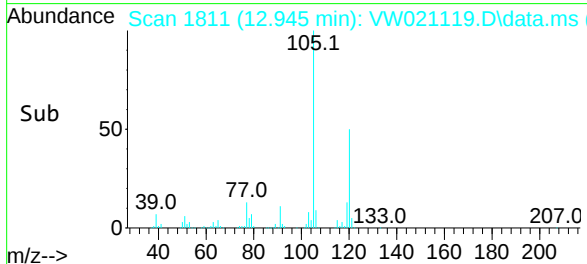
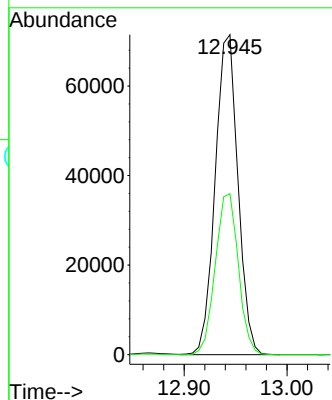
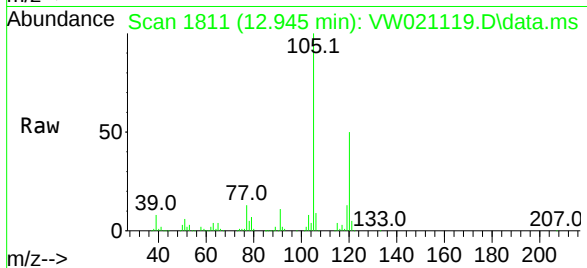
ClientSampleId :

Tgt Ion:105 Resp: 109725

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 34.170 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021119.D

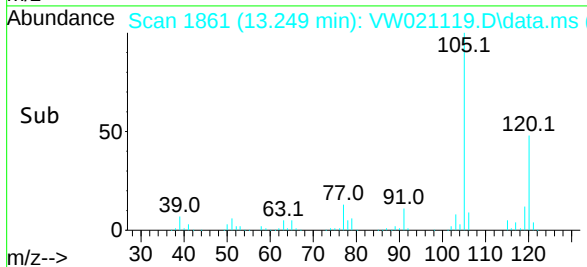
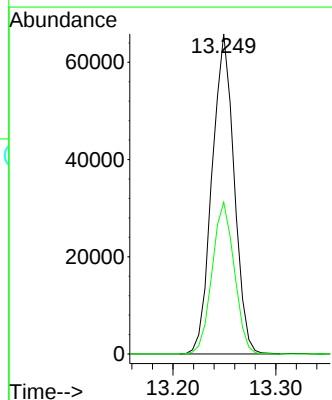
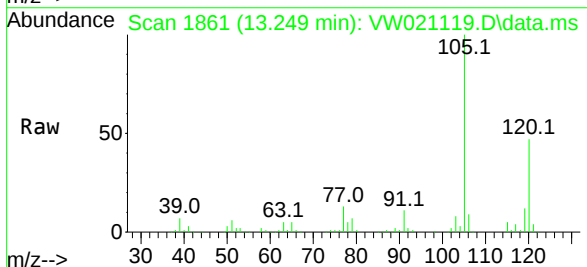
Acq: 04 Dec 2021 15:39

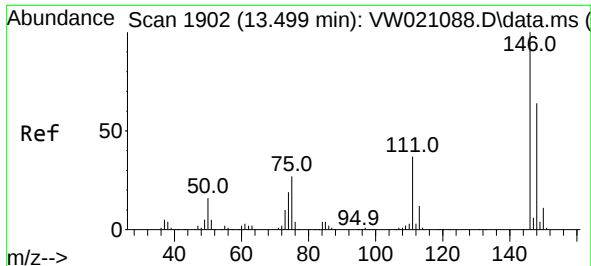
Tgt Ion:105 Resp: 98125

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6

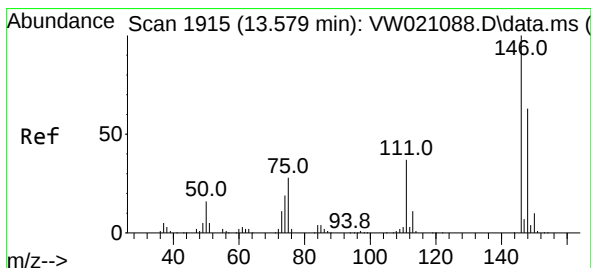
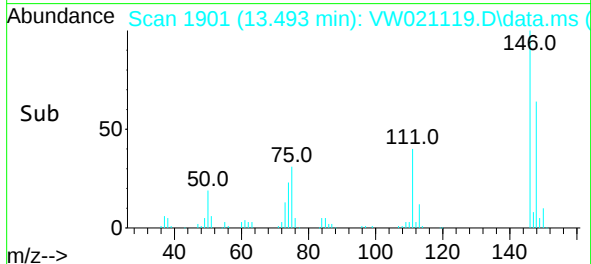
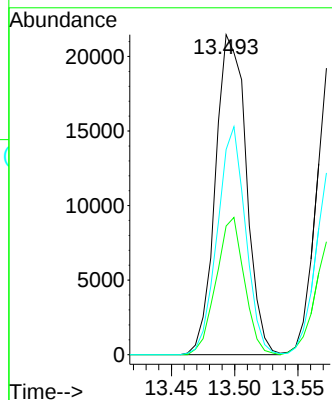
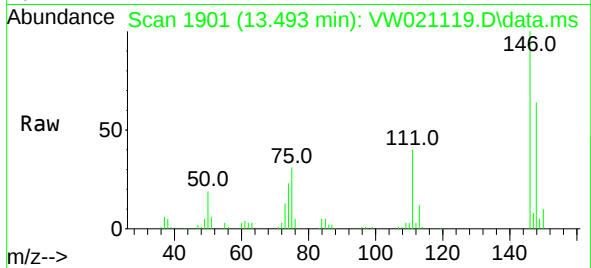




#64
1,3-Dichlorobenzene
Concen: 22.649 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

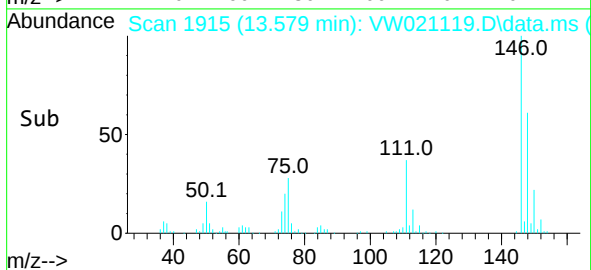
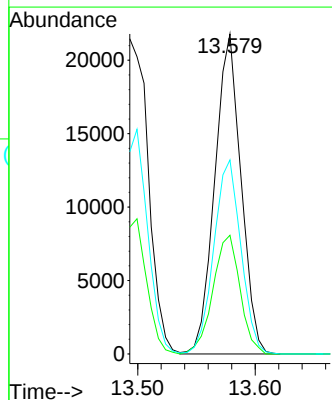
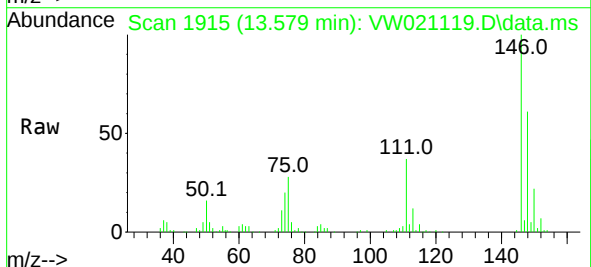
Instrument :
MSVOA_W
ClientSampleId :

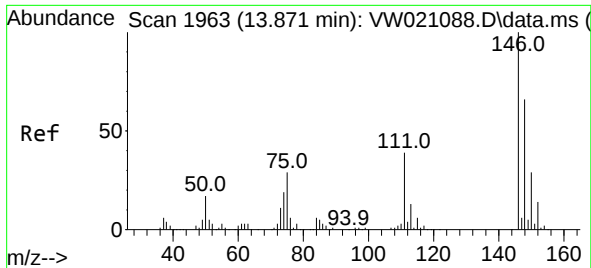
Tgt Ion:146 Resp: 36361
Ion Ratio Lower Upper
146 100
111 40.2 29.8 55.3
148 64.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.829 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion:146 Resp: 33795
Ion Ratio Lower Upper
146 100
111 37.1 29.0 53.9
148 60.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.433 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

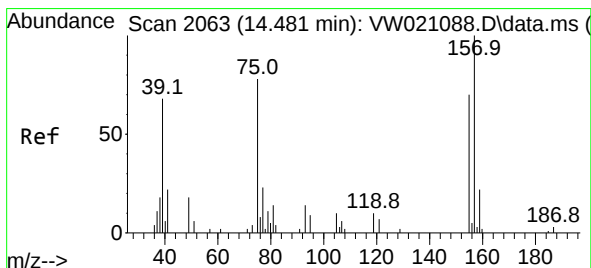
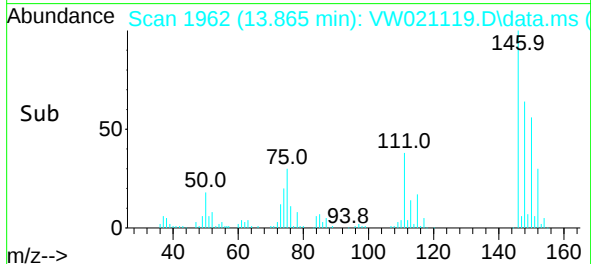
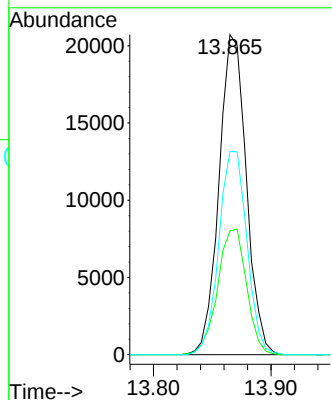
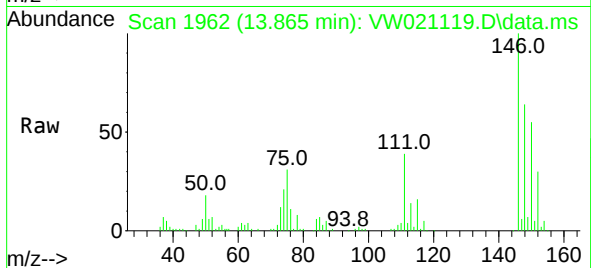
Tgt Ion:146 Resp: 33496

Ion Ratio Lower Upper

146 100

111 38.6 33.1 49.7

148 63.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 35.991 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

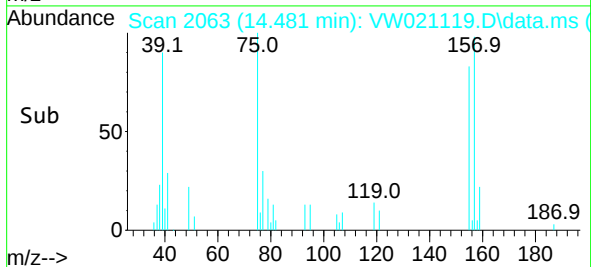
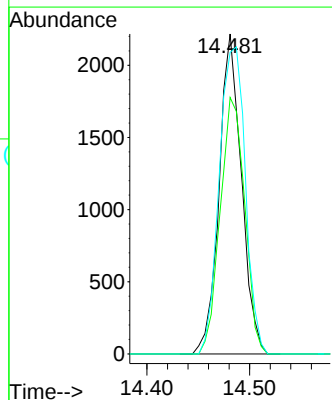
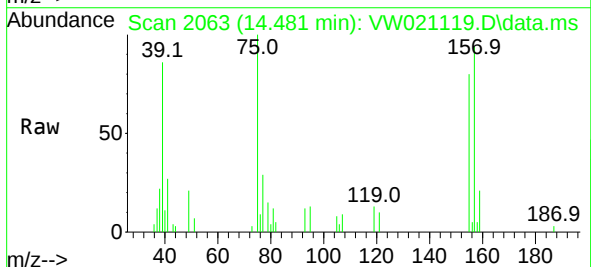
Tgt Ion: 75 Resp: 3340

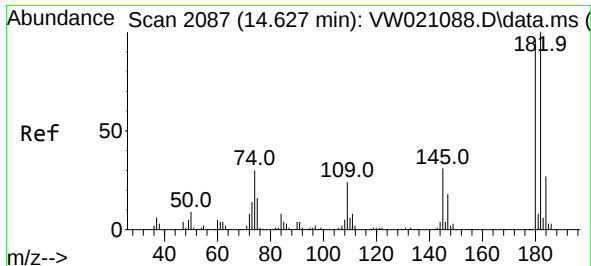
Ion Ratio Lower Upper

75 100

155 80.2 54.2 81.2

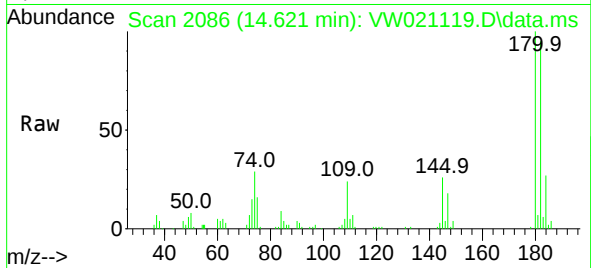
157 94.3 69.4 104.2



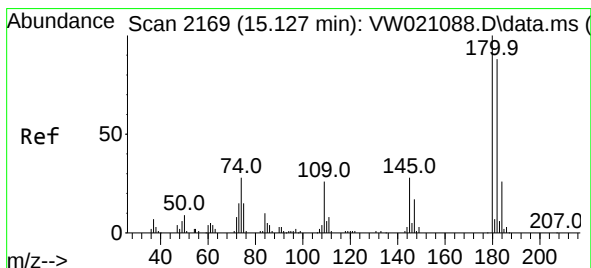
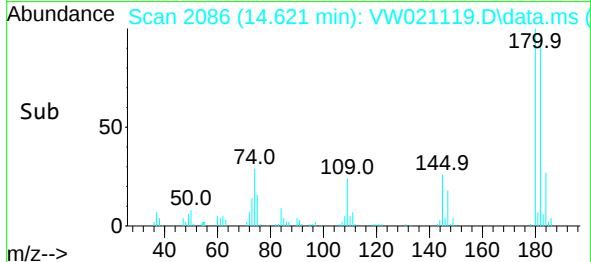
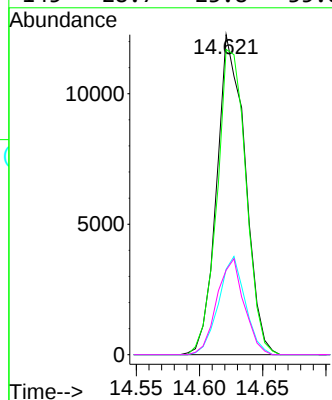


#69
1,3,5-Trichlorobenzene
Concen: 16.198 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Instrument :
MSVOA_W
ClientSampleId :

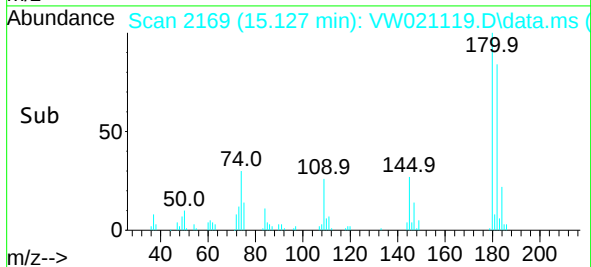
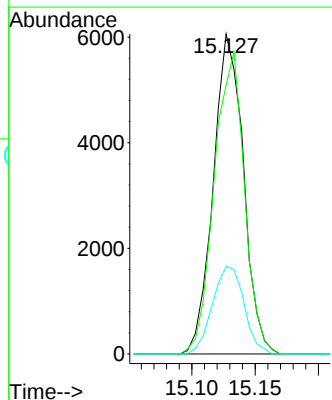
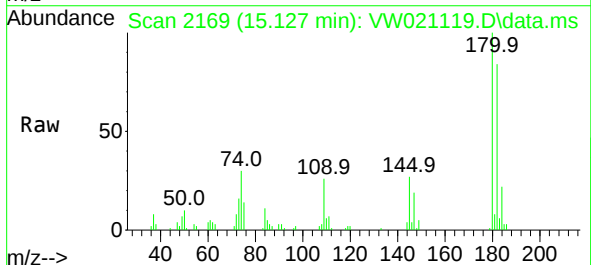


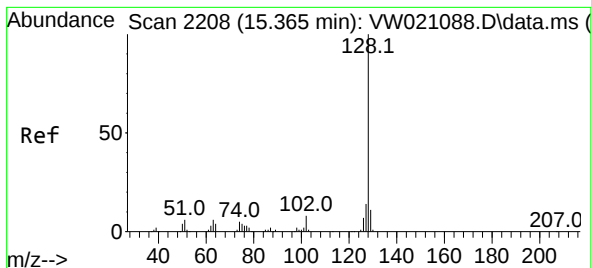
Tgt Ion:180 Resp: 19111
Ion Ratio Lower Upper
180 100
182 97.4 75.4 113.0
184 28.8 23.8 35.8
145 28.7 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 10.344 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021119.D
Acq: 04 Dec 2021 15:39

Tgt Ion:180 Resp: 10029
Ion Ratio Lower Upper
180 100
182 94.5 79.0 118.6
145 28.6 26.0 39.0





#71

Naphthalene

Concen: 11.031 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW021119.D

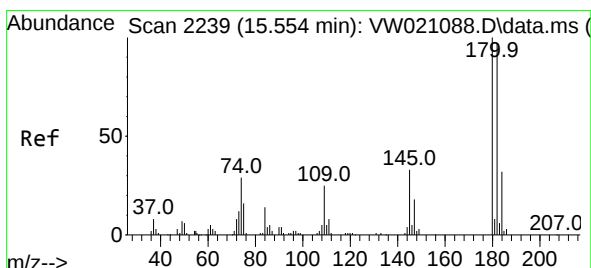
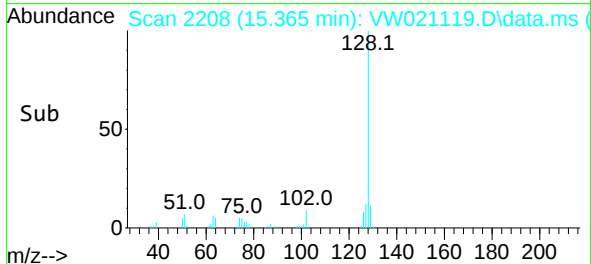
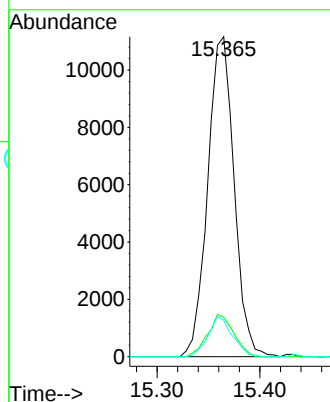
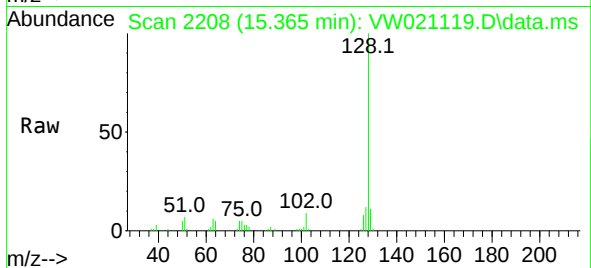
Acq: 04 Dec 2021 15:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	19882
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.7 16.1
129	11.6	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 9.799 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021119.D

Acq: 04 Dec 2021 15:39

Tgt Ion:180	Resp:	8291
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.6 114.8
145	32.6	27.4 41.0

