

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021512.D
 Acq On : 20 Dec 2021 20:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 21:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149691	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	145776	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47838	17.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.200%
7) Chloroethane-d5	2.885	69	34004	18.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.480%
11) 1,1-Dichloroethene-d2	4.019	63	89294	24.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.280%
21) 2-Butanone-d5	7.086	46	21741	56.574	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.140%
24) Chloroform-d	7.653	84	105889	25.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.305	65	55176	24.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.480%
32) Benzene-d6	8.275	84	197303	24.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.274	67	54542	25.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	10.323	98	196909	24.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	10.579	79	24710	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.927	63	18222	57.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45559	24.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	77307	22.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9165	15.846	ug/L	98
3) Chloromethane	2.209	50	33646	17.572	ug/L	96
5) Vinyl chloride	2.361	62	51309	17.069	ug/L	96
6) Bromomethane	2.782	94	30529	15.658	ug/L	97
8) Chloroethane	2.922	64	24326	17.566	ug/L	97
9) Trichlorofluoromethane	3.257	101	37856	23.868	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	46904	22.692	ug/L	90
12) 1,1-Dichloroethene	4.038	96	41862	22.561	ug/L	83
13) Acetone	4.141	43	15154	43.987	ug/L	93
14) Carbon disulfide	4.385	76	98392	20.534	ug/L	99
15) Methyl Acetate	4.678	43	14745	24.805	ug/L	# 88
16) Methylene chloride	4.915	84	48896	19.769	ug/L	82
17) trans-1,2-Dichloroethene	5.434	96	44608	22.204	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	70592	25.441	ug/L	93
19) 1,1-Dichloroethane	6.220	63	74696	23.694	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	49439	23.331	ug/L	73
22) 2-Butanone	7.177	43	20957	46.581	ug/L	85
23) Bromochloromethane	7.513	128	22783	22.994	ug/L	# 66
25) Chloroform	7.677	83	85404	23.336	ug/L	98

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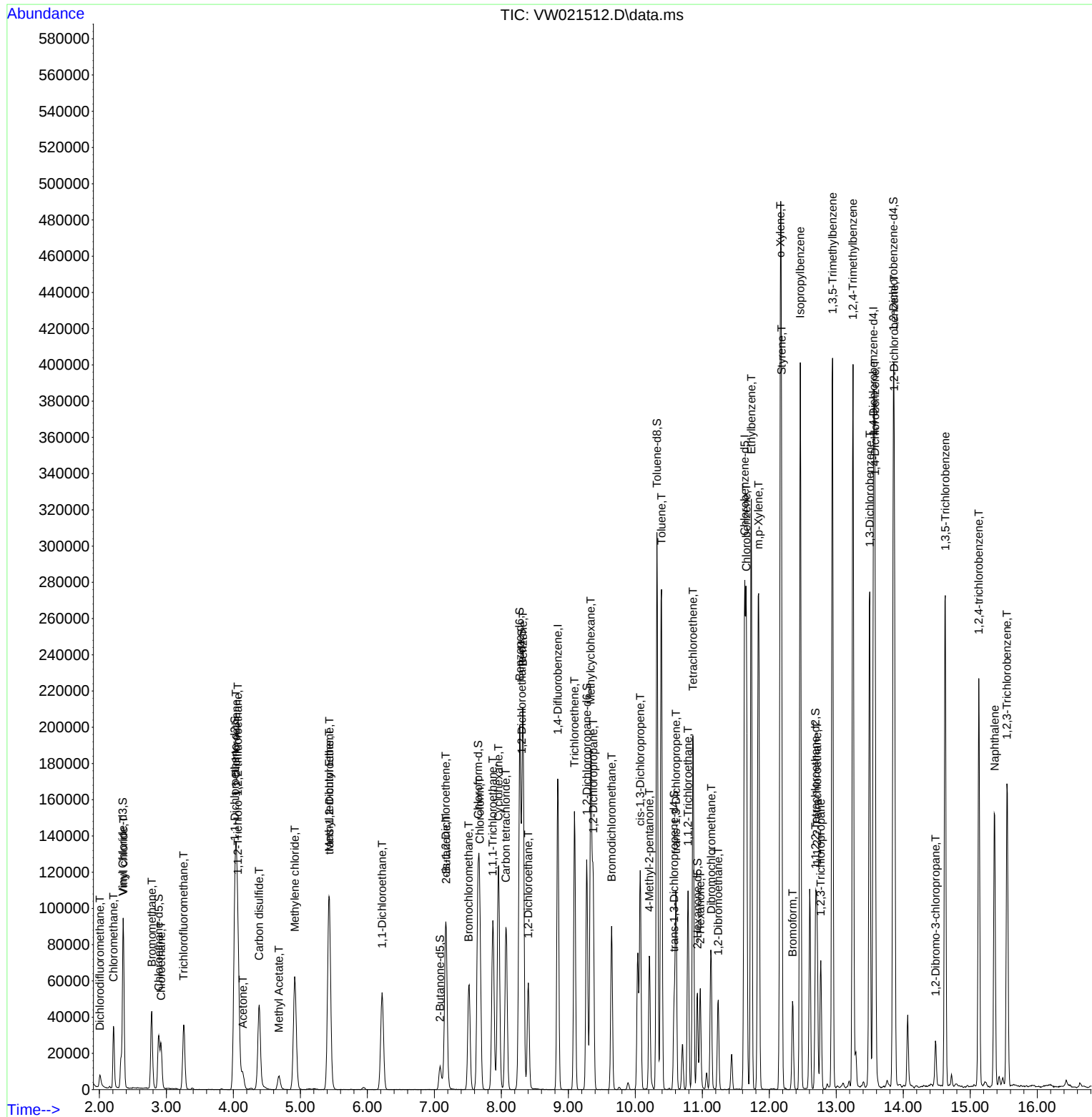
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53442	23.060	ug/L	96
29) Cyclohexane	7.958	56	65651	22.626	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	77715	23.760	ug/L	94
31) Carbon tetrachloride	8.067	117	70696	23.430	ug/L	100
33) Benzene	8.323	78	178336	22.457	ug/L	100
34) Trichloroethene	9.092	95	50407	22.612	ug/L	88
35) Methylcyclohexane	9.335	83	81525	22.170	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	40943	23.114	ug/L #	96
38) Bromodichloromethane	9.646	83	59088	24.261	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	67296	24.101	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	45860	47.516	ug/L #	90
42) Toluene	10.390	91	208156	22.412	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	58563	23.946	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33873	23.364	ug/L	93
46) Tetrachloroethene	10.860	164	44587	21.055	ug/L	91
48) 2-Hexanone	10.969	43	32705	46.727	ug/L #	91
49) Dibromochloromethane	11.134	129	41309	23.113	ug/L	95
50) 1,2-Dibromoethane	11.238	107	33390	23.142	ug/L #	96
51) Chlorobenzene	11.658	112	138202	22.226	ug/L	93
52) Ethylbenzene	11.731	91	232763	21.931	ug/L	97
53) m,p-Xylene	11.841	106	95103	22.212	ug/L	84
54) o-Xylene	12.164	106	91569	22.535	ug/L	89
55) Styrene	12.182	104	154937	22.404	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37807	22.749	ug/L #	93
59) Bromoform	12.347	173	22164	21.279	ug/L	99
60) Isopropylbenzene	12.463	105	256184	21.537	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	27787	21.810	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	213982	21.141	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	219922	22.025	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	117373	20.920	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	117905	21.152	ug/L	86
67) 1,2-Dichlorobenzene	13.865	146	101339	20.516	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5665	21.557	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	85186	20.314	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	73522	21.798	ug/L	93
71) Naphthalene	15.365	128	136275	24.869	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	59120	21.209	ug/L	97

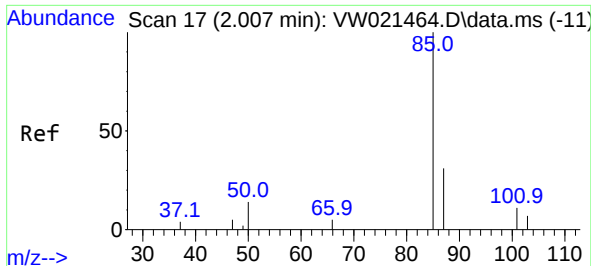
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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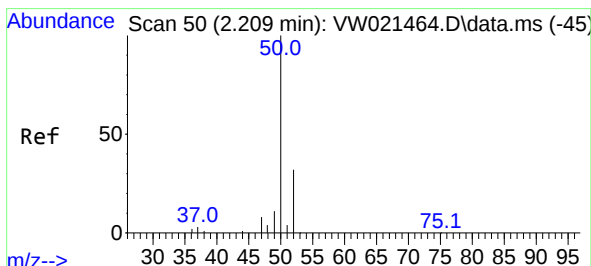
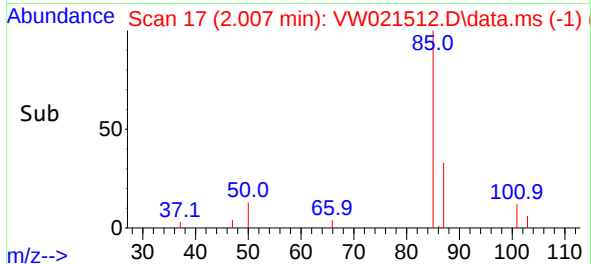
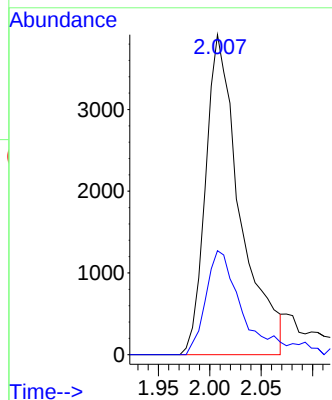
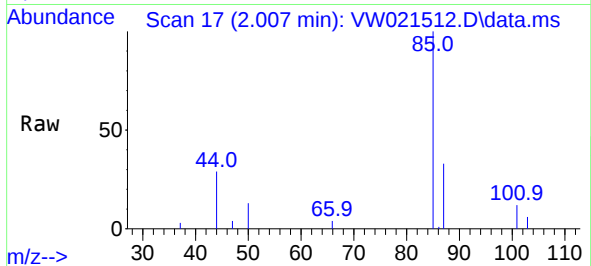




#2
Dichlorodifluoromethane
Concen: 15.846 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

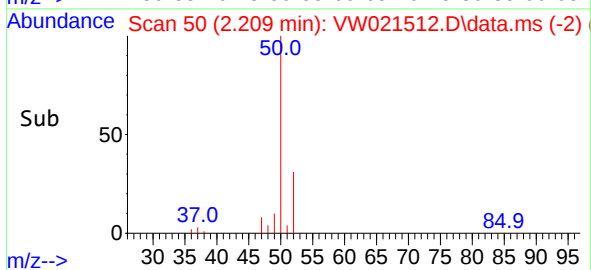
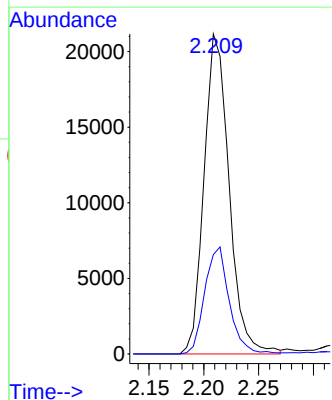
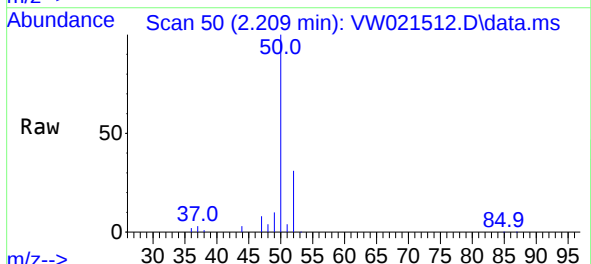
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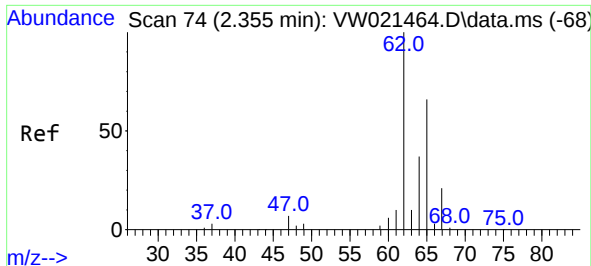
Tgt Ion: 85 Resp: 9165
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6



#3
Chloromethane
Concen: 17.572 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 50 Resp: 33646
Ion Ratio Lower Upper
50 100
52 31.0 23.4 43.6

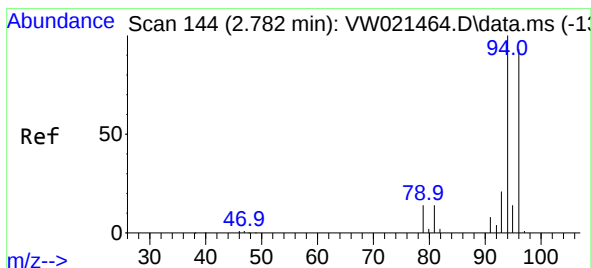
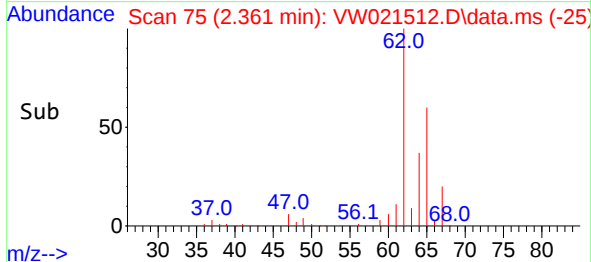
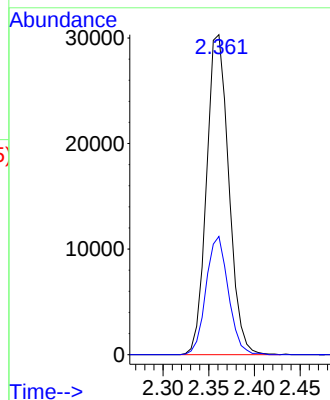
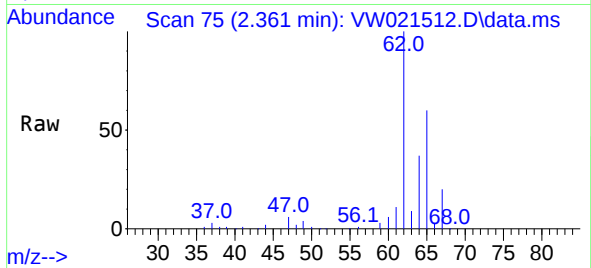




#5
 Vinyl chloride
 Concen: 17.069 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021512.D
 Acq: 20 Dec 2021 20:52

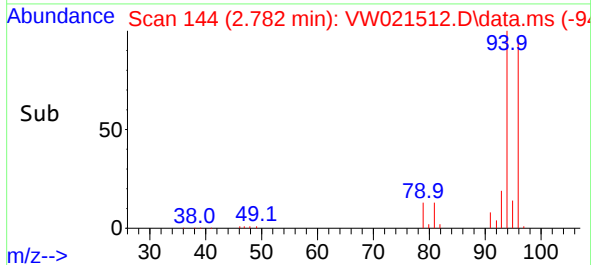
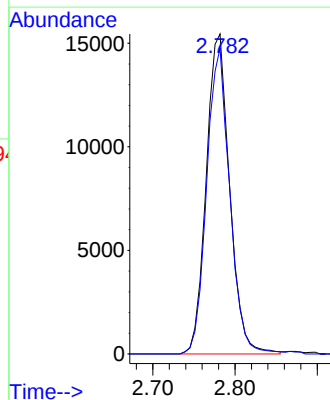
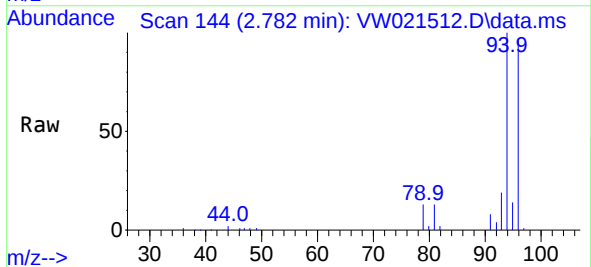
Instrument :
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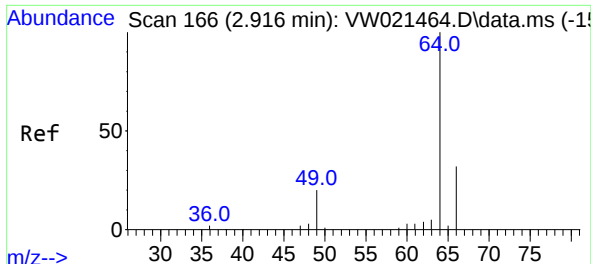
Tgt Ion: 62 Resp: 51309
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.4 45.2



#6
 Bromomethane
 Concen: 15.658 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021512.D
 Acq: 20 Dec 2021 20:52

Tgt Ion: 94 Resp: 30529
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.8 120.4

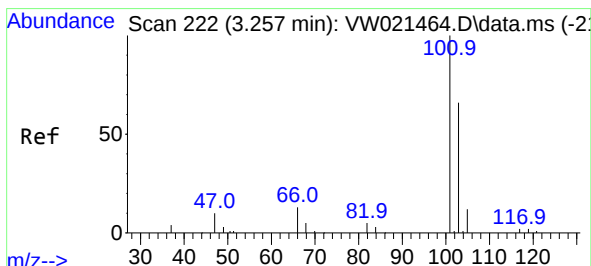
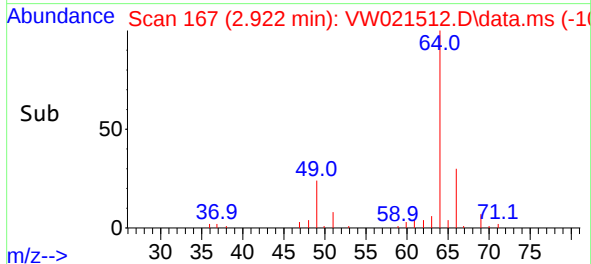
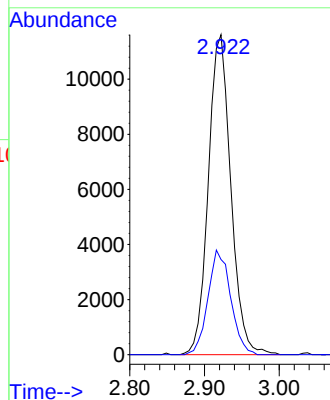
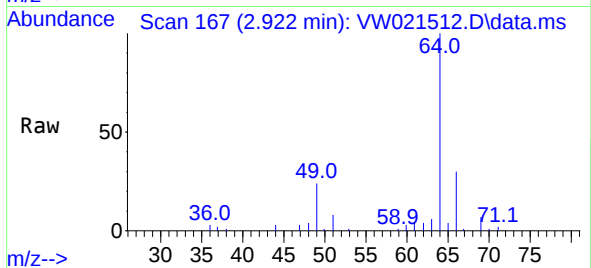




#8
Chloroethane
Concen: 17.566 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

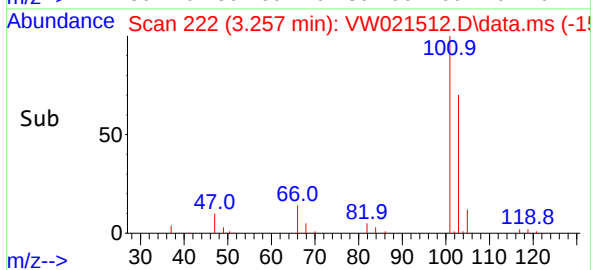
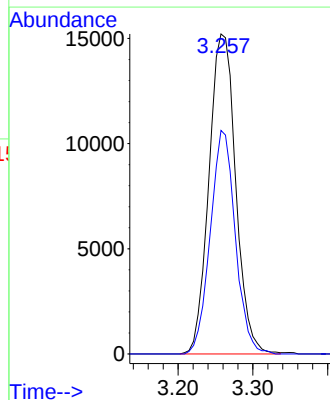
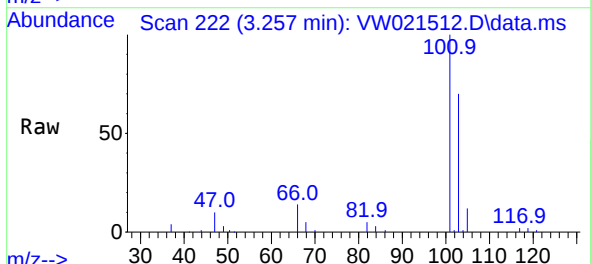
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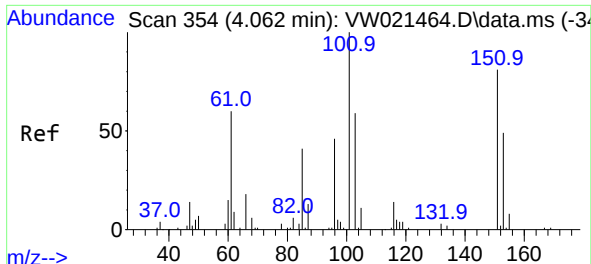
Tgt Ion: 64 Resp: 24326
Ion Ratio Lower Upper
64 100
66 29.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.868 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 101 Resp: 37856
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

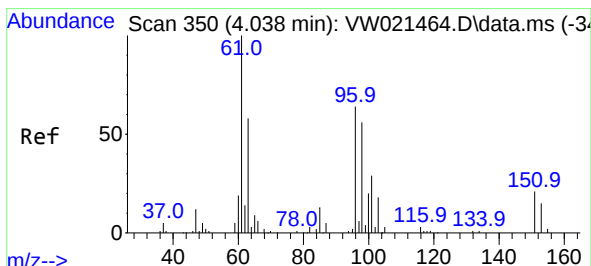
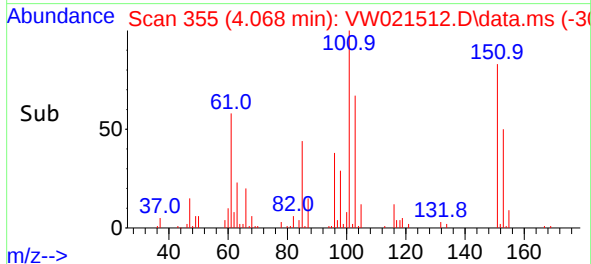
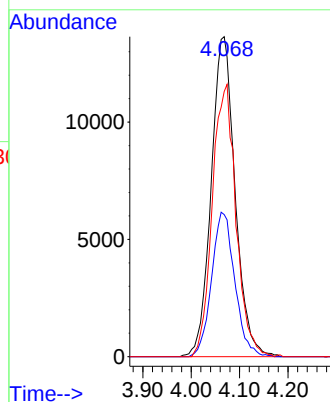
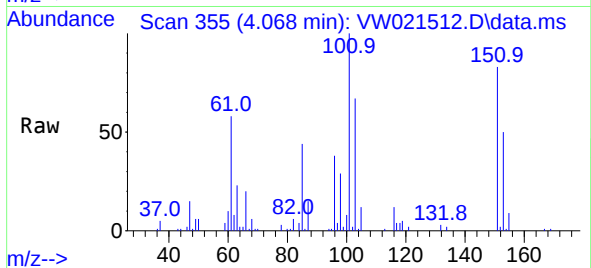




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.692 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

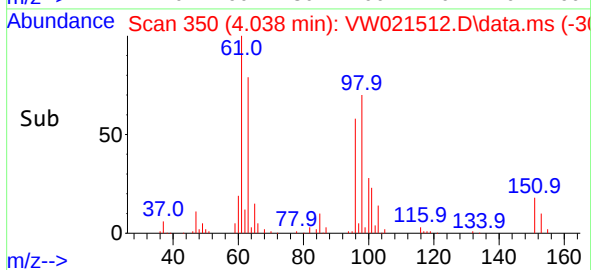
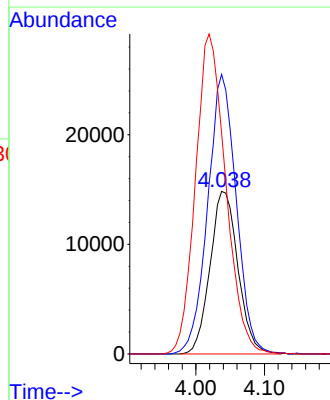
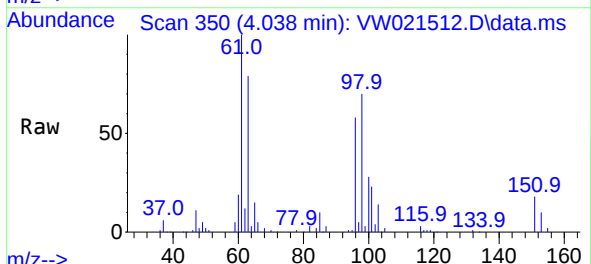
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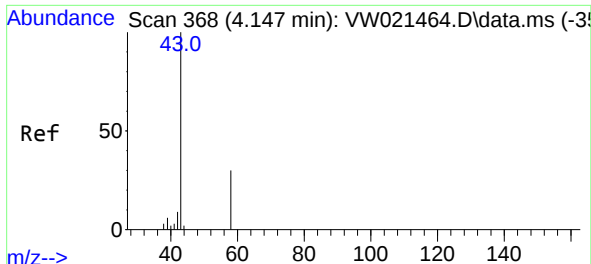
Tgt Ion:101 Resp: 46904
Ion Ratio Lower Upper
101 100
85 43.7 36.6 54.8
151 84.1 57.4 86.0



#12
1,1-Dichloroethene
Concen: 22.561 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 96 Resp: 41862
Ion Ratio Lower Upper
96 100
61 172.0 138.3 256.9
63 135.7 82.6 153.4

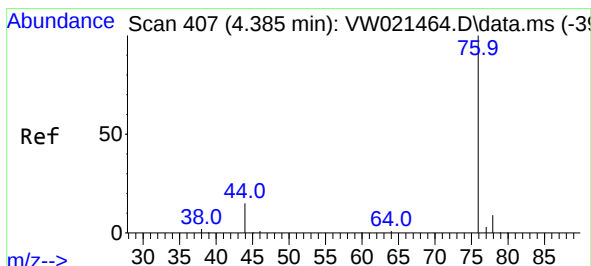
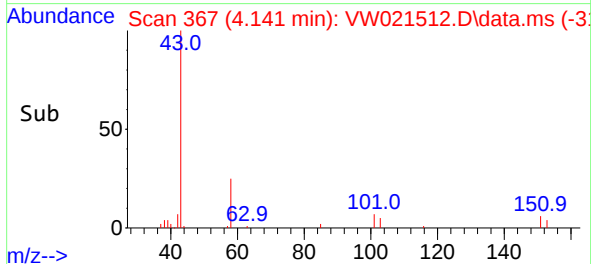
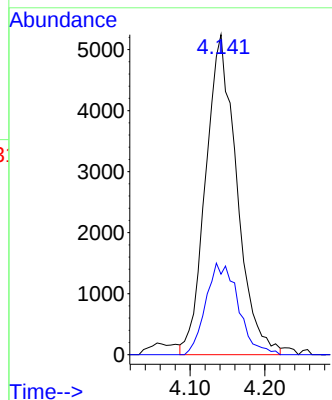
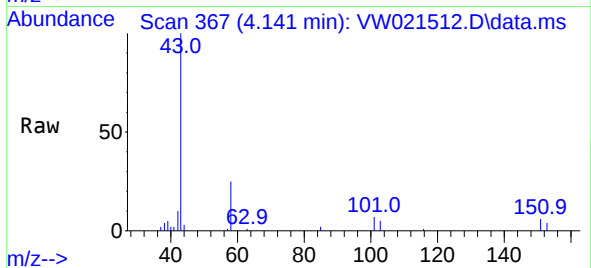




#13
Acetone
Concen: 43.987 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

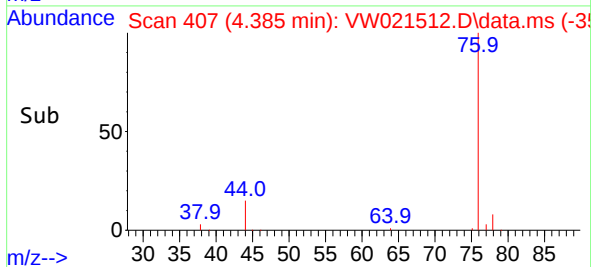
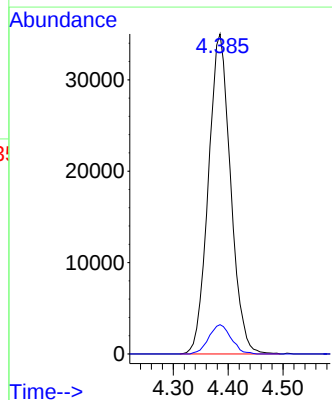
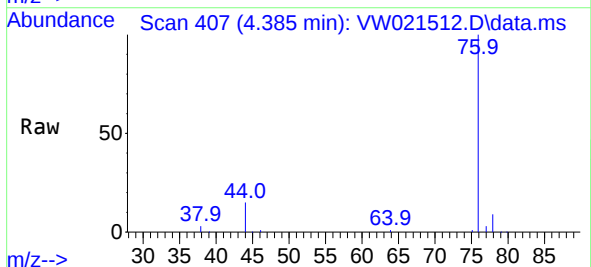
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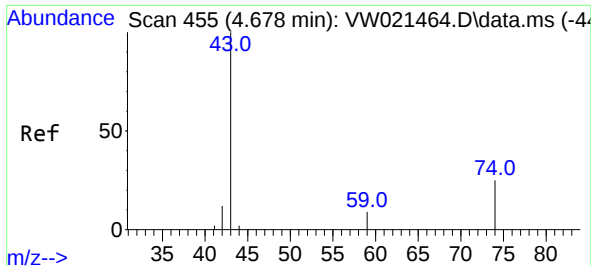
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Ion Ratio Lower Upper
43 100
58 29.8 0.0 52.8



#14
Carbon disulfide
Concen: 20.534 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 76 Resp: 98392
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

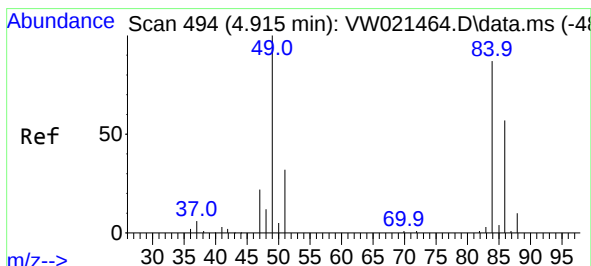
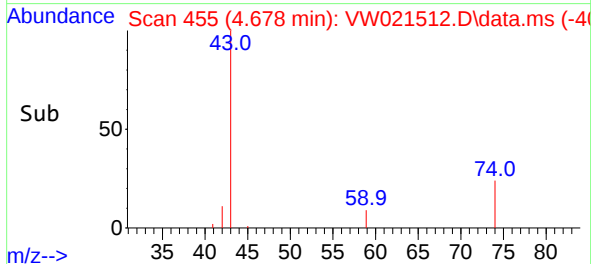
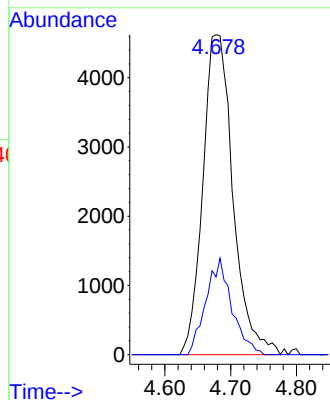
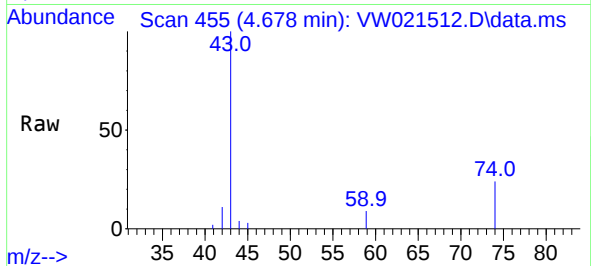




#15
Methyl Acetate
Concen: 24.805 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

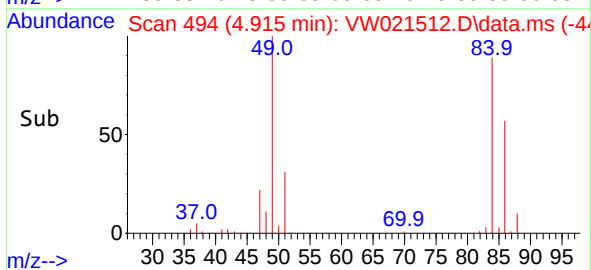
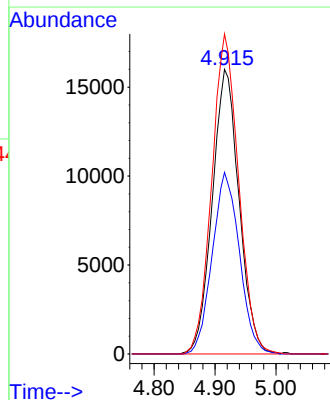
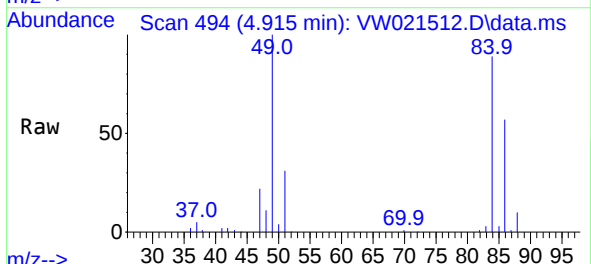
Instrument :
MSVOA_W
ClientSampleId :

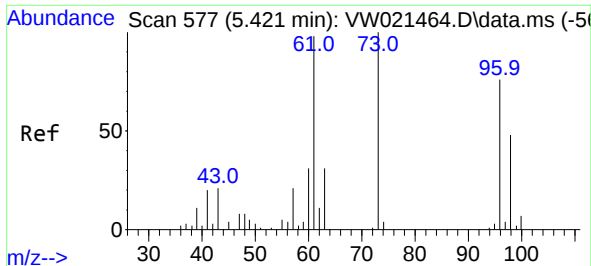
Tgt Ion: 43 Resp: 14745
Ion Ratio Lower Upper
43 100
74 25.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.769 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 84 Resp: 48896
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 112.5 100.5 186.7

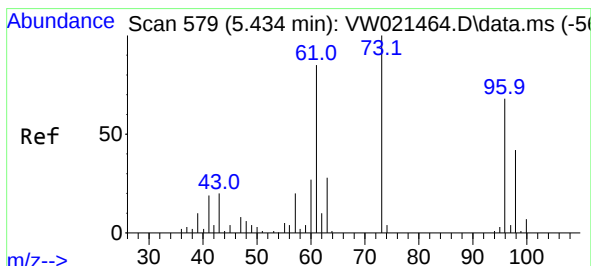
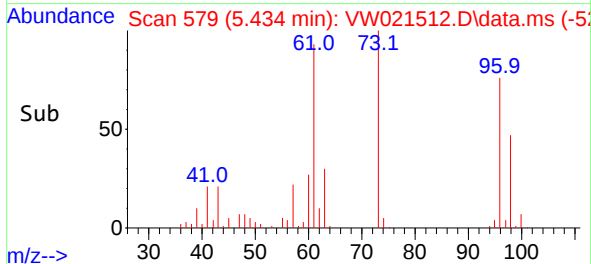
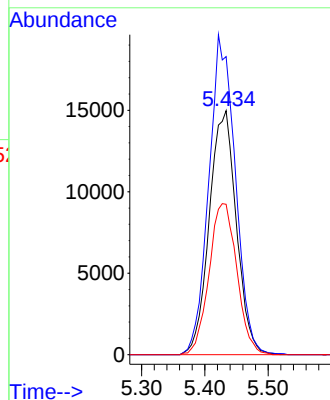
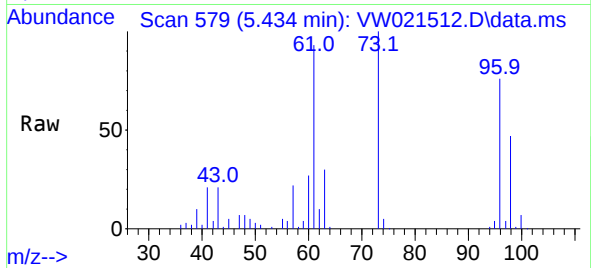




#17
trans-1,2-Dichloroethene
Concen: 22.204 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

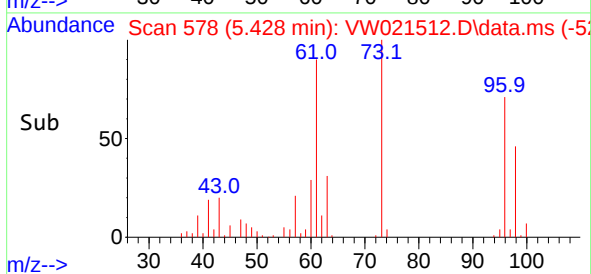
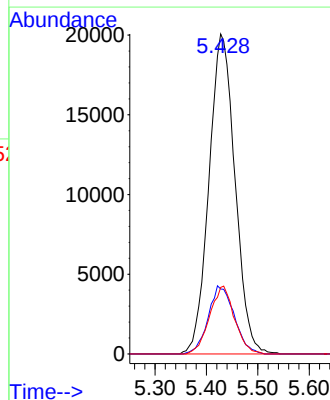
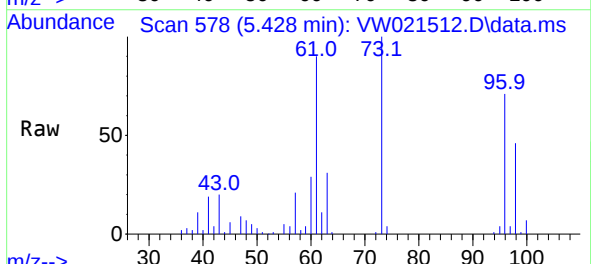
Instrument :
MSVOA_W
ClientSampleId :

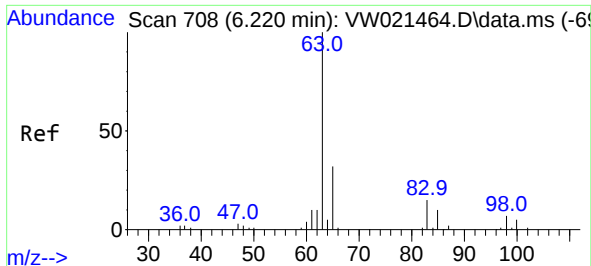
Tgt Ion: 96 Resp: 44608
Ion Ratio Lower Upper
96 100
61 122.2 107.4 199.4
98 61.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.441 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

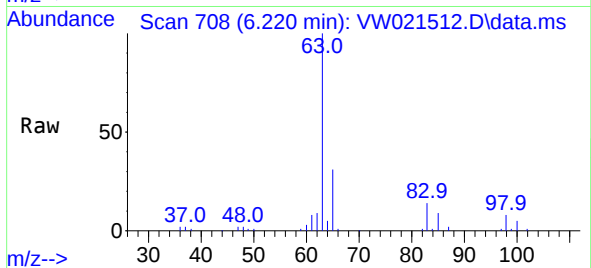
Tgt Ion: 73 Resp: 70592
Ion Ratio Lower Upper
73 100
43 21.3 19.5 29.3
57 20.3 19.3 28.9



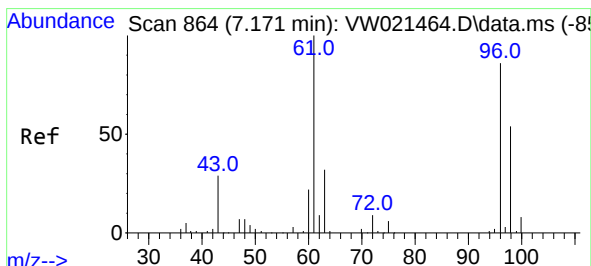
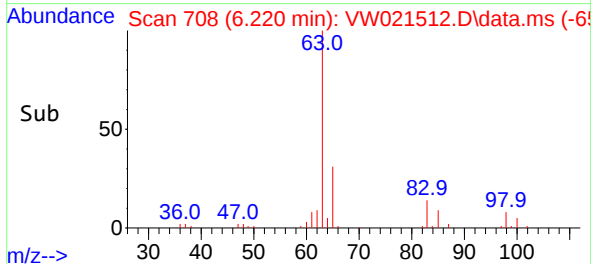
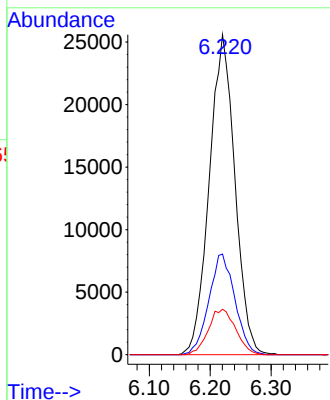


#19
1,1-Dichloroethane
Concen: 23.694 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

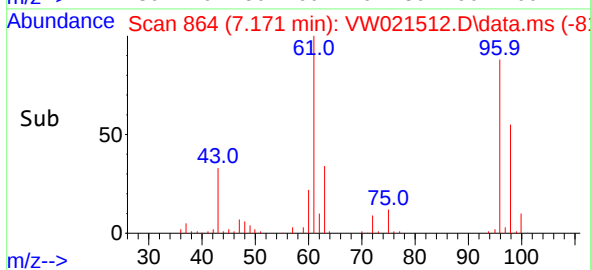
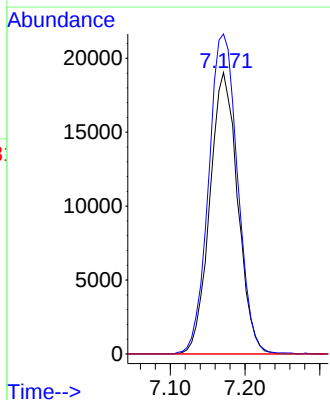
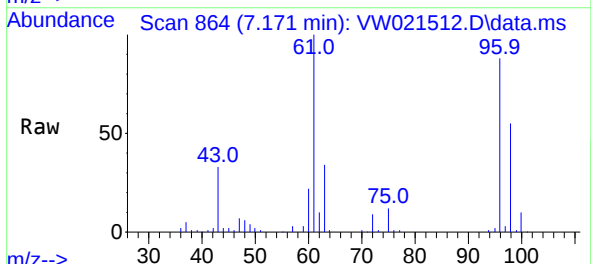


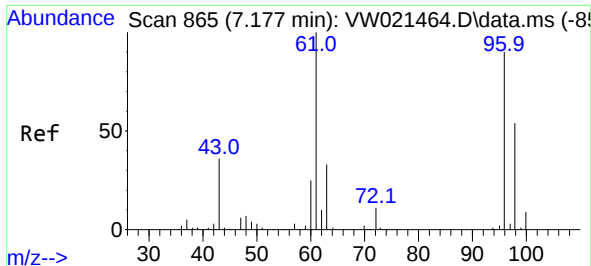
Tgt Ion: 63 Resp: 74696
Ion Ratio Lower Upper
63 100
65 31.5 22.1 41.1
83 14.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 23.331 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

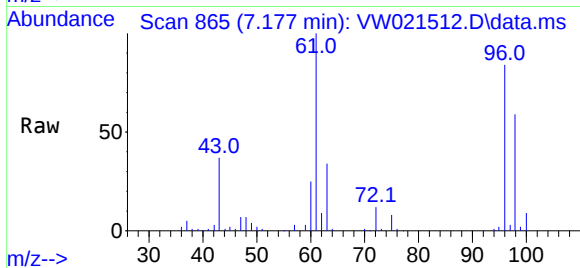
Tgt Ion: 96 Resp: 49439
Ion Ratio Lower Upper
96 100
61 113.7 103.7 192.7
68 0.0 0.0 0.0



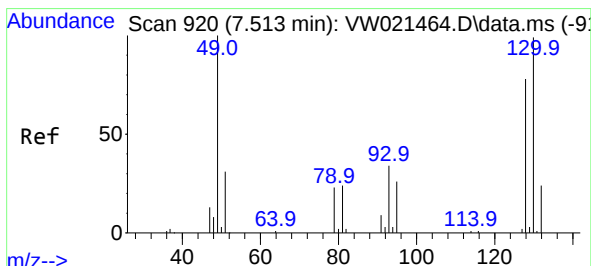
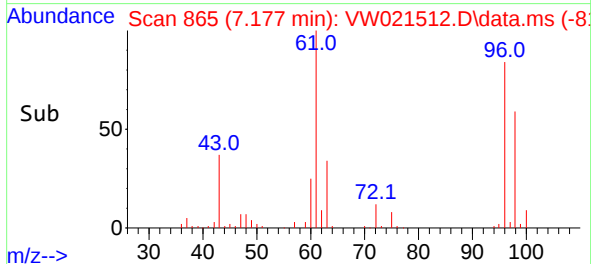
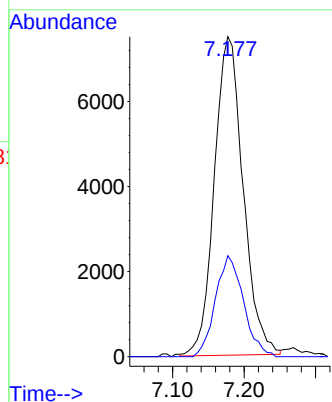


#22
2-Butanone
Concen: 46.581 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

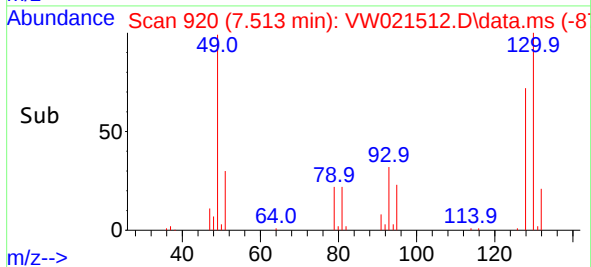
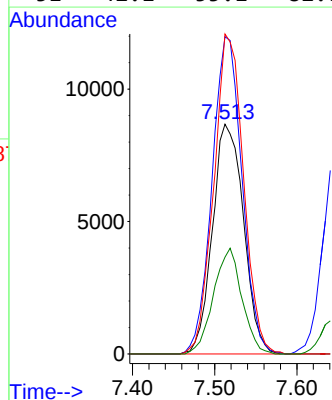
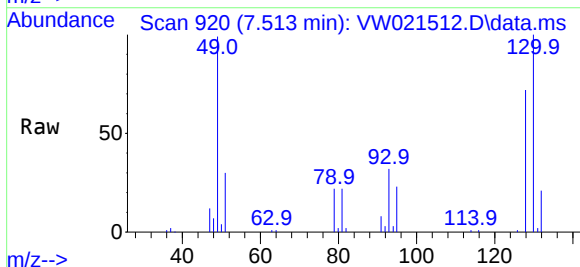


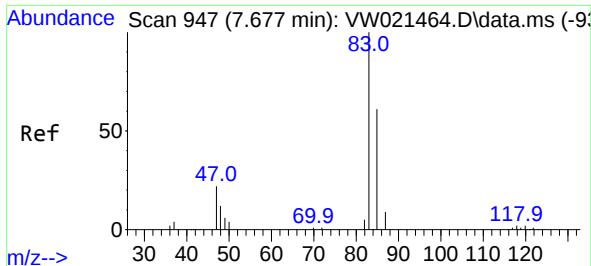
Tgt Ion: 43 Resp: 20957
Ion Ratio Lower Upper
43 100
72 30.8 11.8 35.4



#23
Bromochloromethane
Concen: 22.994 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 128 Resp: 22783
Ion Ratio Lower Upper
128 100
49 138.0 150.3 279.1#
130 139.3 88.3 163.9
51 42.1 55.1 82.7#

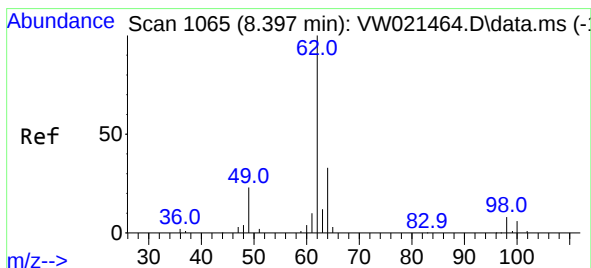
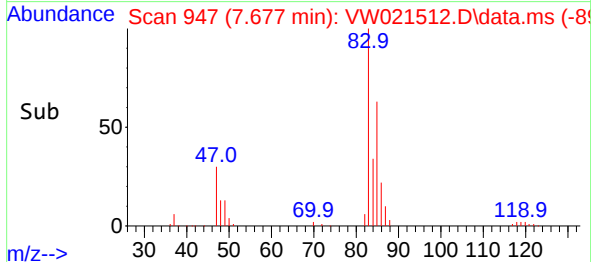
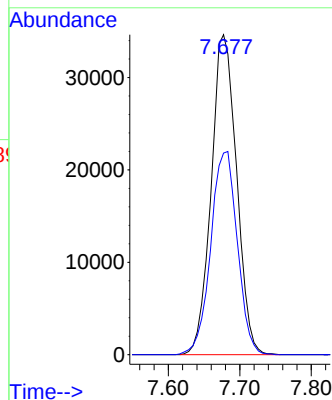
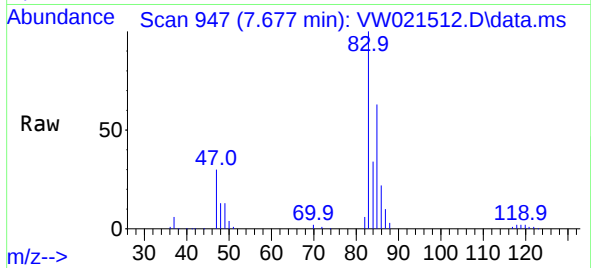




#25
Chloroform
Concen: 23.336 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

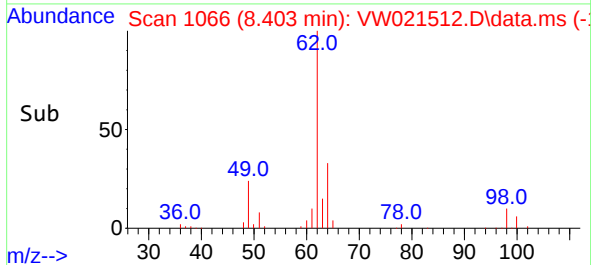
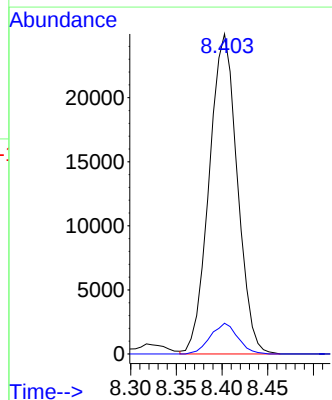
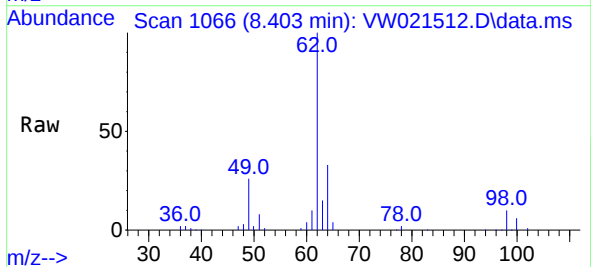
Instrument :
MSVOA_W
ClientSampleId :

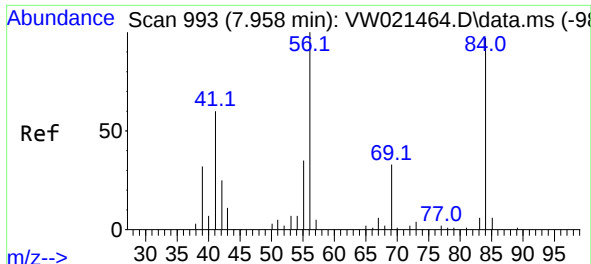
Tgt Ion: 83 Resp: 85404
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.060 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 62 Resp: 53442
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 22.626 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

ClientSampleId :

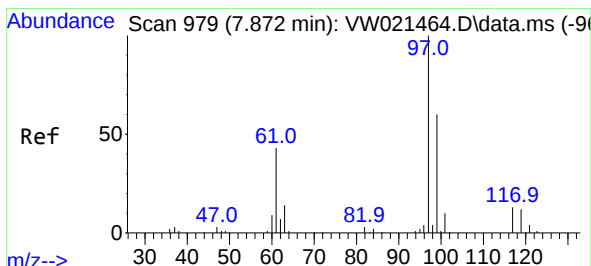
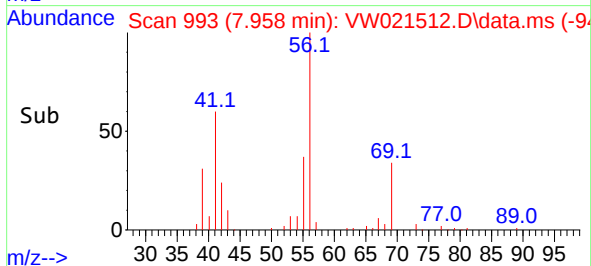
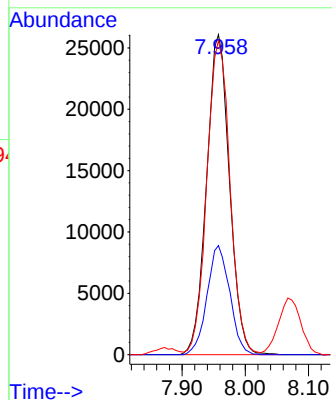
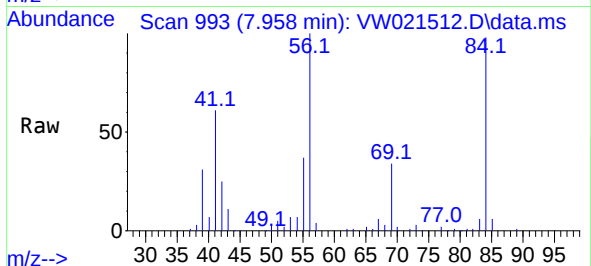
Tgt Ion: 56 Resp: 65651

Ion Ratio Lower Upper

56 100

69 33.7 23.5 35.3

84 99.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.760 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

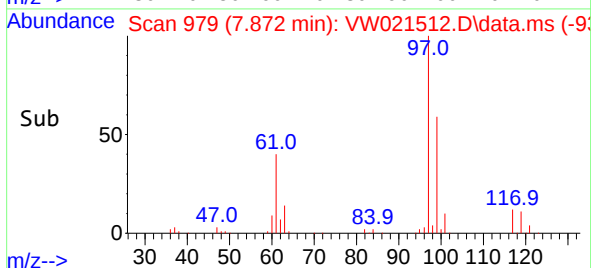
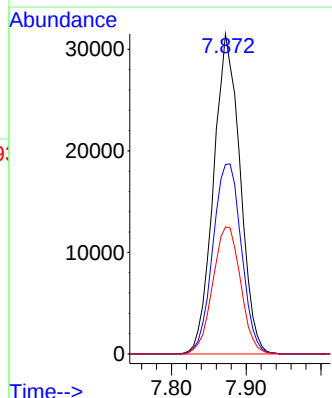
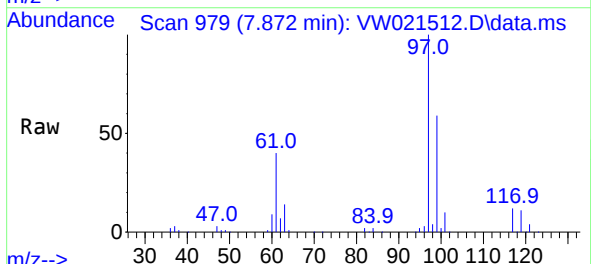
Tgt Ion: 97 Resp: 77715

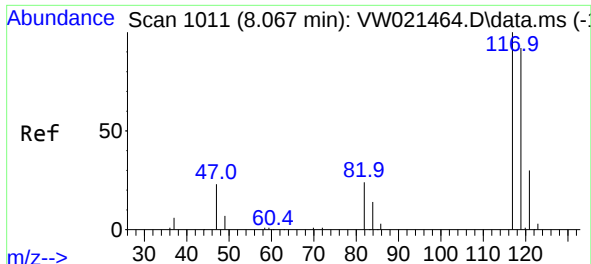
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 41.7 40.9 61.3

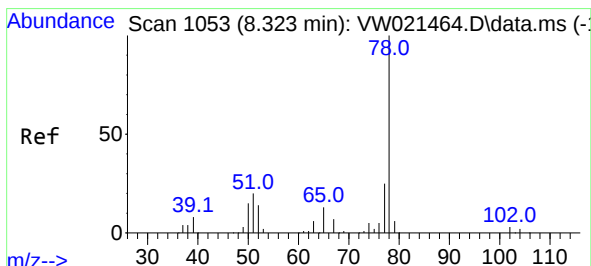
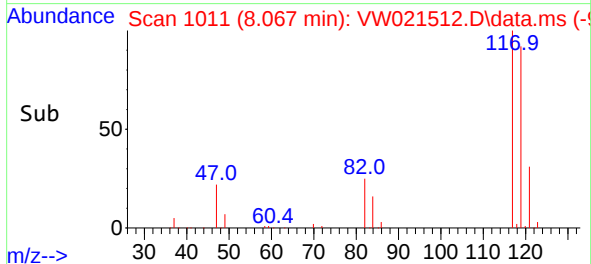
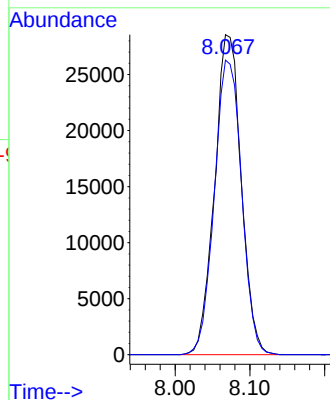
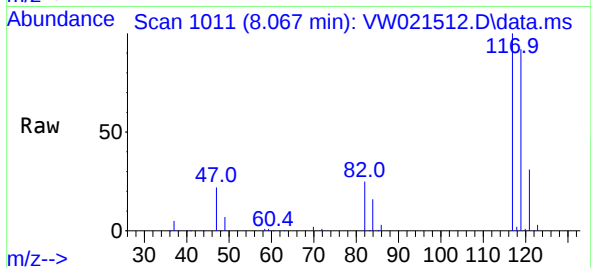




#31
Carbon tetrachloride
Concen: 23.430 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

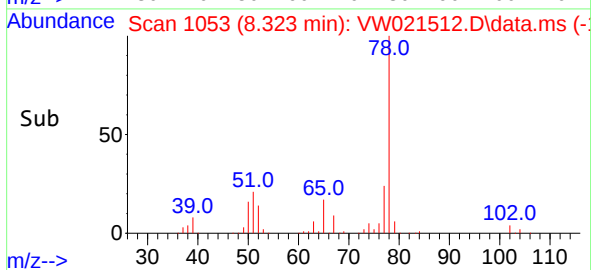
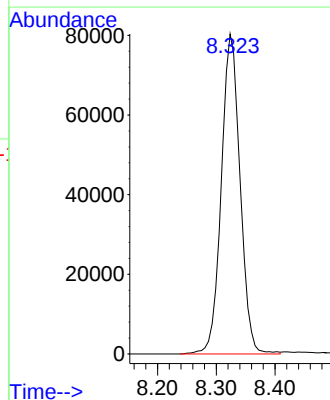
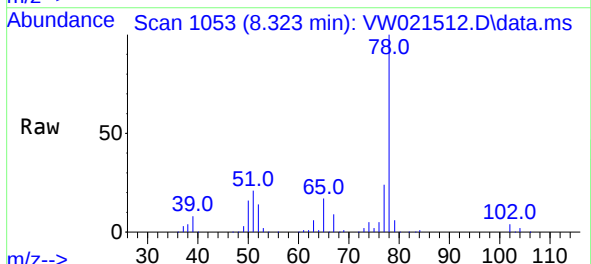
Instrument :
MSVOA_W
ClientSampleId :

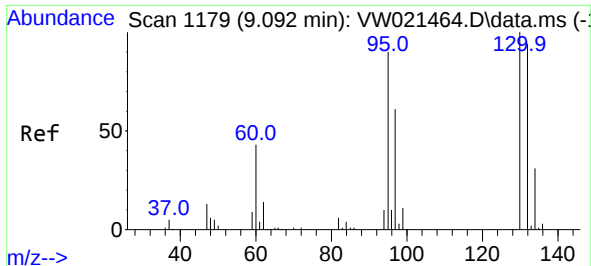
Tgt Ion:117 Resp: 70696
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5



#33
Benzene
Concen: 22.457 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

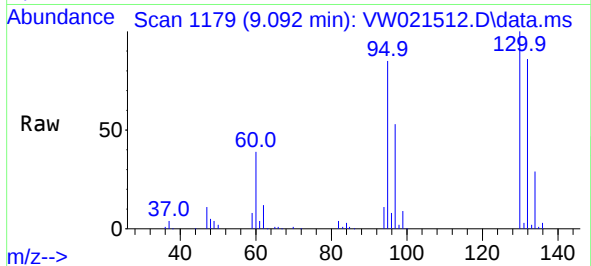
Tgt Ion: 78 Resp: 178336





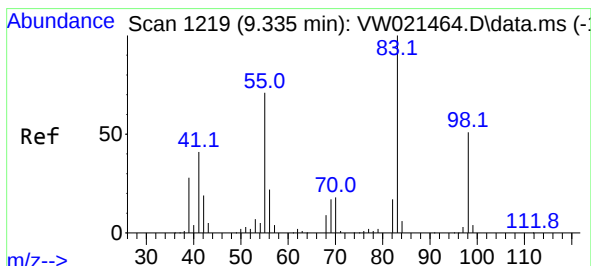
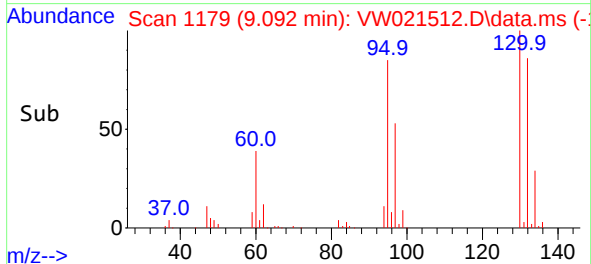
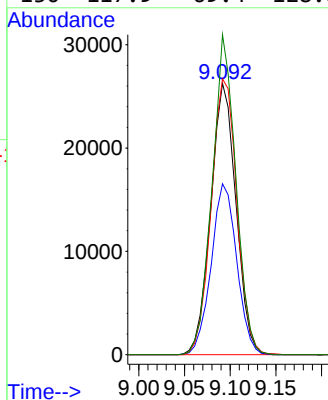
#34
Trichloroethene
Concen: 22.612 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 50407

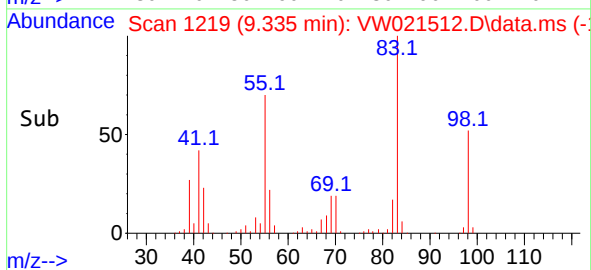
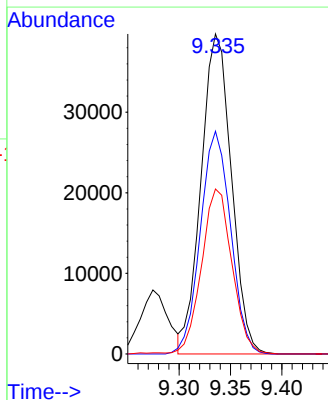
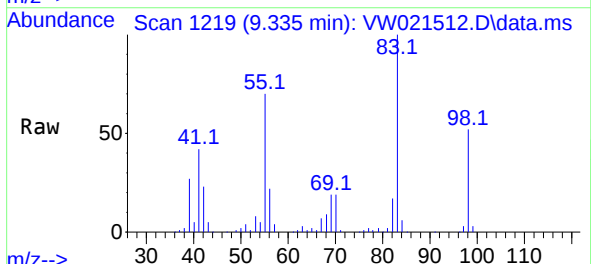
Ion	Ratio	Lower	Upper
95	100		
97	63.0	47.0	87.2
132	101.6	65.5	121.6
130	117.9	69.4	128.8

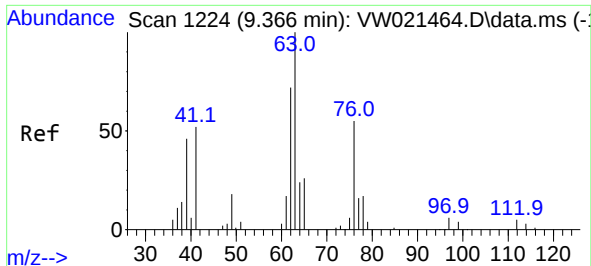


#35
Methylcyclohexane
Concen: 22.170 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 83 Resp: 81525

Ion	Ratio	Lower	Upper
83	100		
55	69.4	70.8	106.2
98	51.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.114 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

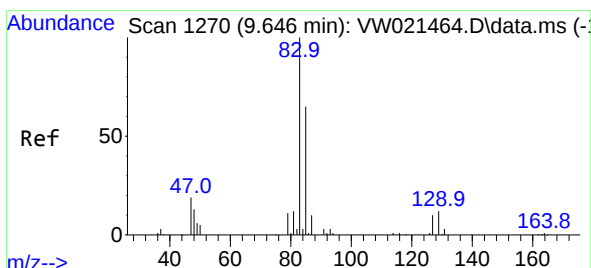
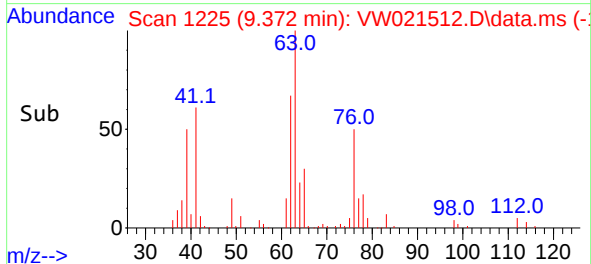
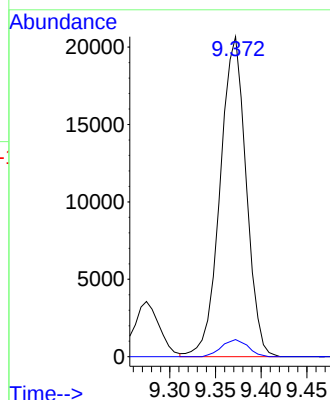
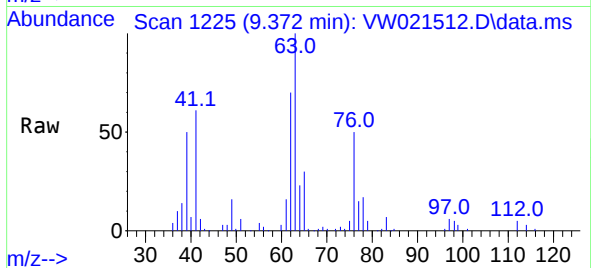
ClientSampleId :

Tgt Ion: 63 Resp: 40943

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.261 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

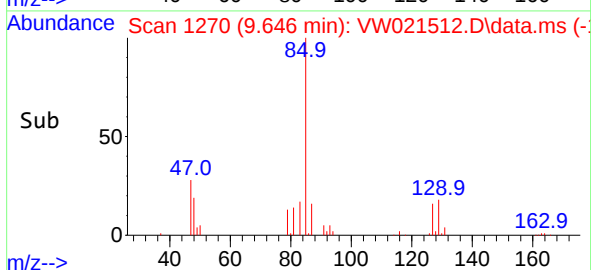
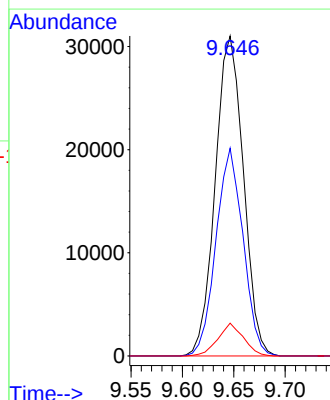
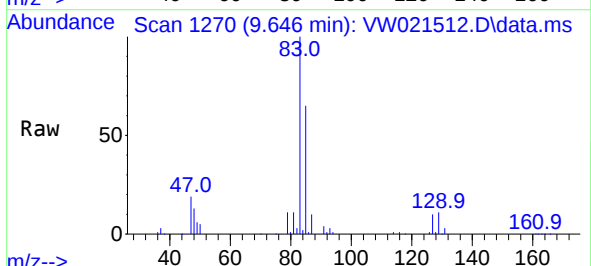
Tgt Ion: 83 Resp: 59088

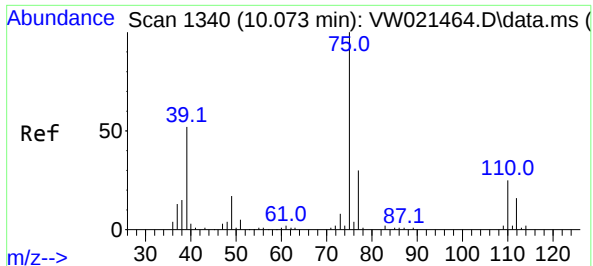
Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 10.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.101 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

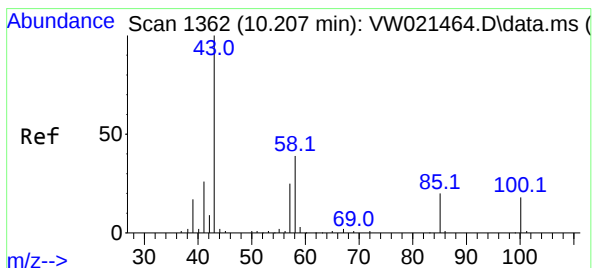
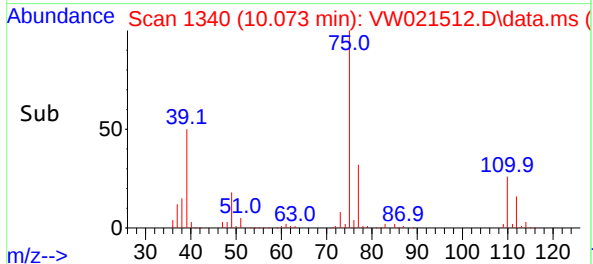
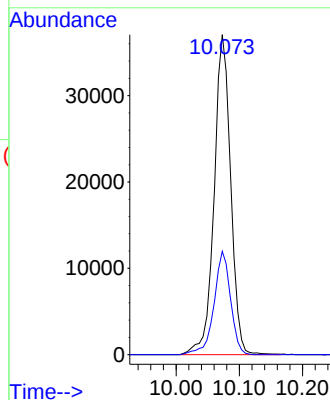
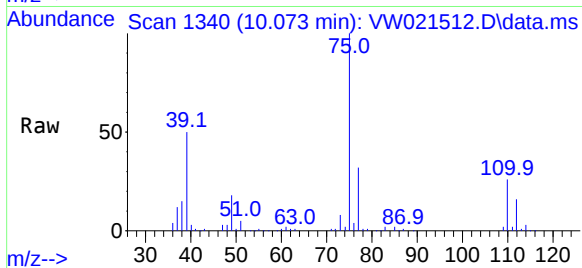
ClientSampleId :

Tgt Ion: 75 Resp: 67296

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.516 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

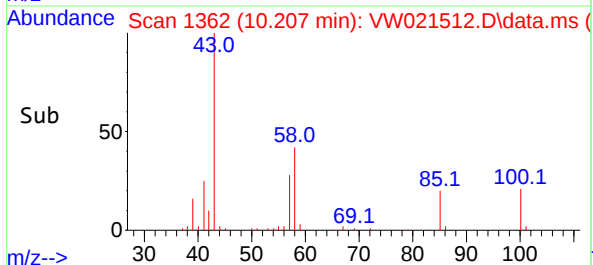
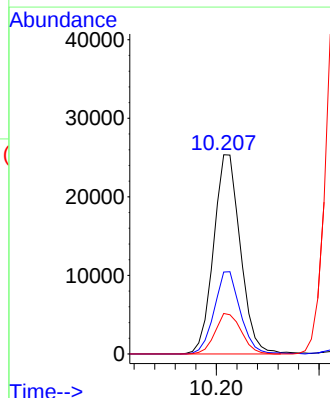
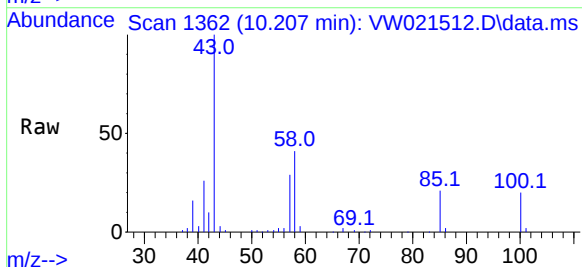
Tgt Ion: 43 Resp: 45860

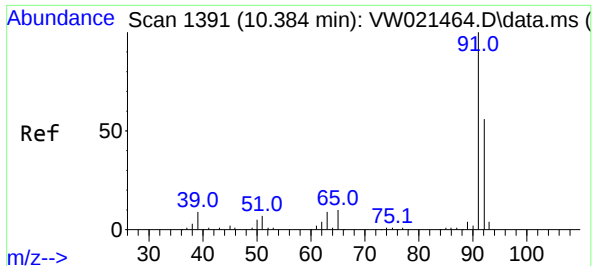
Ion Ratio Lower Upper

43 100

58 40.2 28.8 43.2

100 19.9 10.0 15.0#

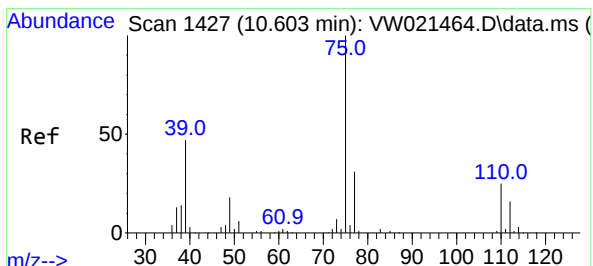
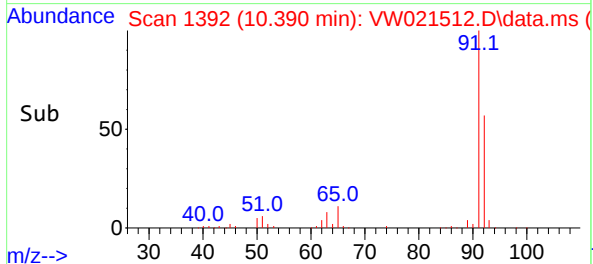
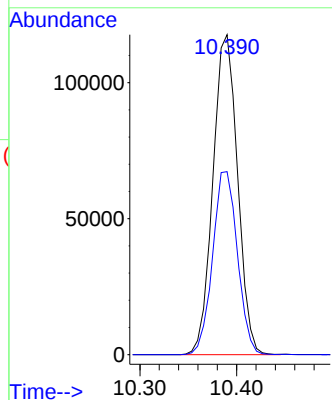
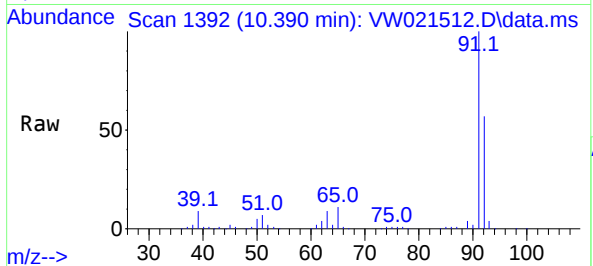




#42
Toluene
Concen: 22.412 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

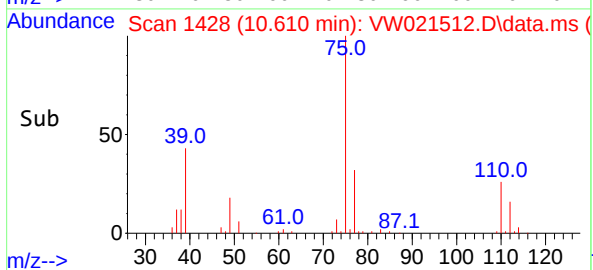
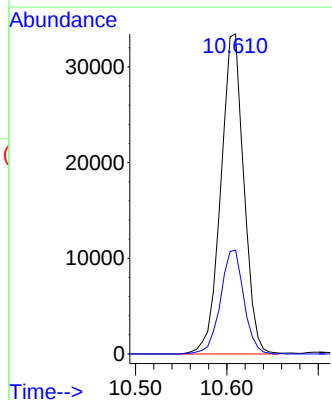
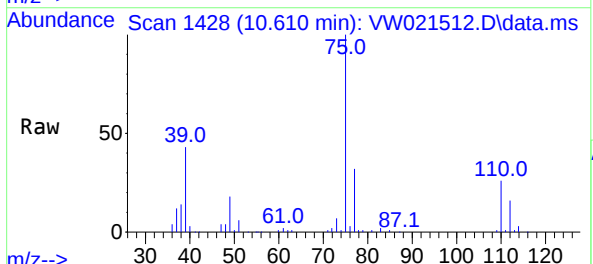
Instrument :
MSVOA_W
ClientSampleId :

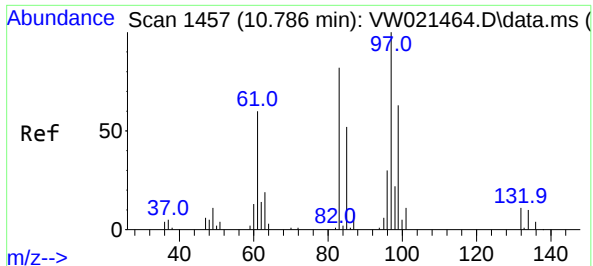
Tgt Ion: 91 Resp: 208156
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.946 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 75 Resp: 58563
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.364 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 33873

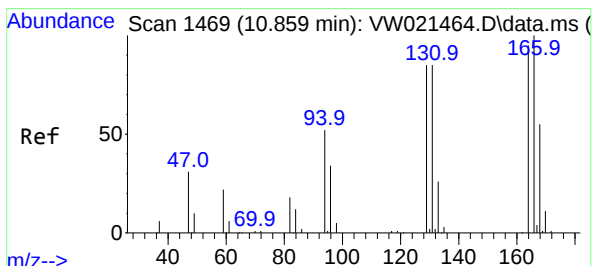
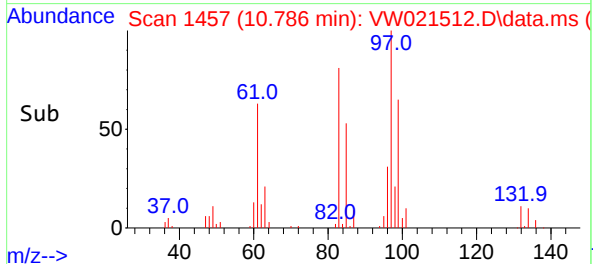
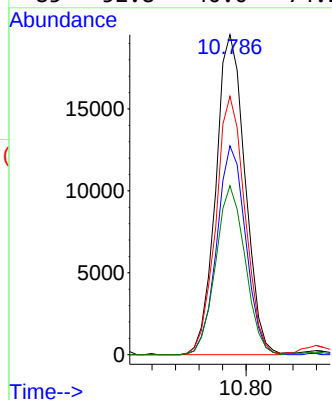
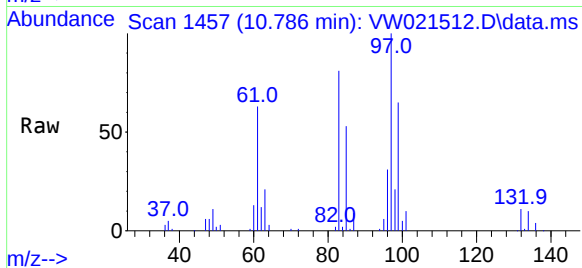
Ion Ratio Lower Upper

97 100

99 65.2 43.0 79.8

83 80.8 62.6 116.3

85 52.8 40.0 74.2



#46

Tetrachloroethene

Concen: 21.055 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Tgt Ion:164 Resp: 44587

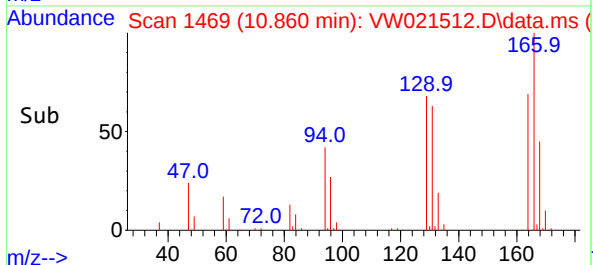
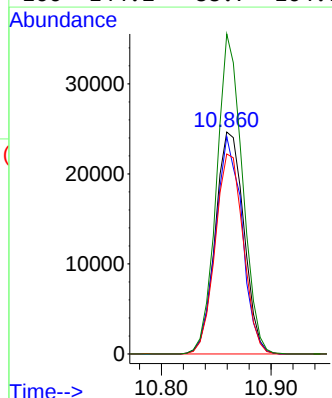
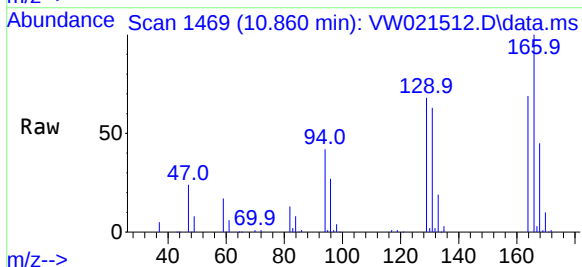
Ion Ratio Lower Upper

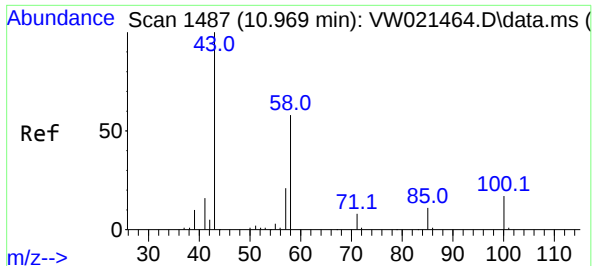
164 100

129 97.9 65.5 121.7

131 90.1 59.7 110.9

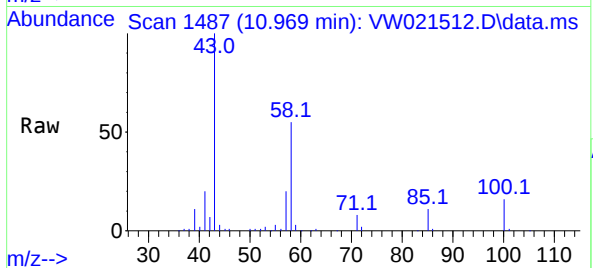
166 144.2 88.7 164.7



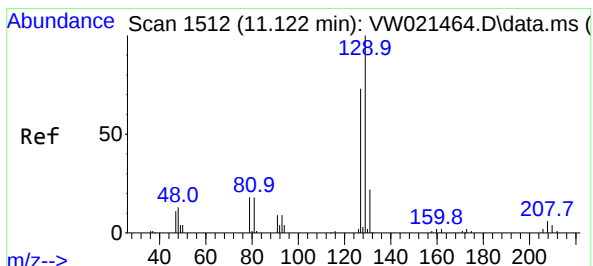
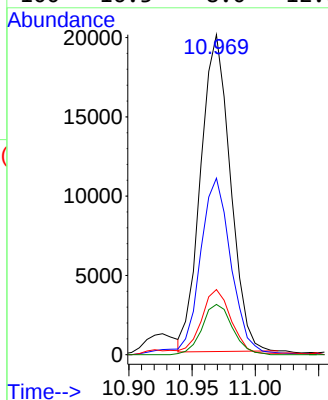
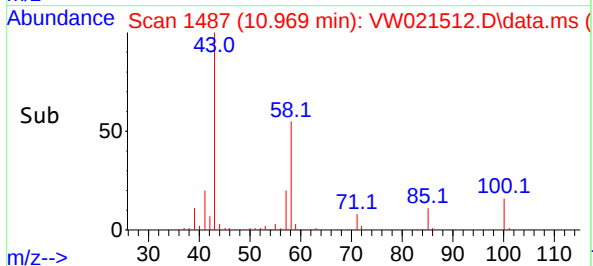


#48
2-Hexanone
Concen: 46.727 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

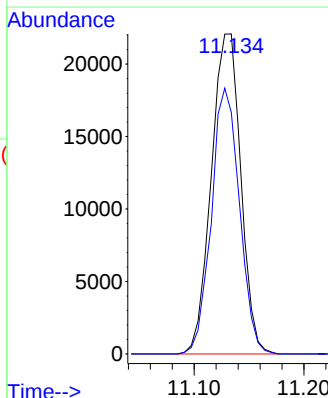
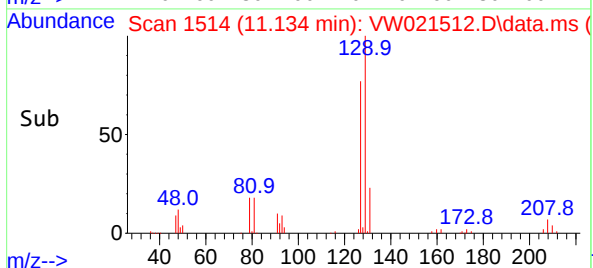
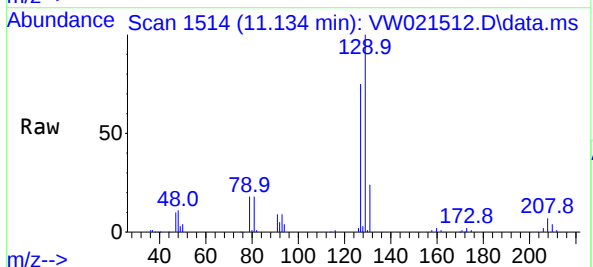


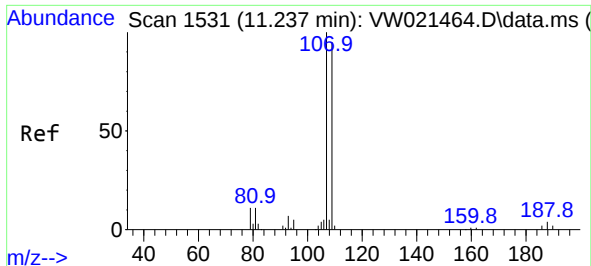
Tgt Ion: 43 Resp: 32705
Ion Ratio Lower Upper
43 100
58 56.4 40.2 60.2
57 20.9 14.3 21.5
100 16.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.113 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion: 129 Resp: 41309
Ion Ratio Lower Upper
129 100
127 75.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.142 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

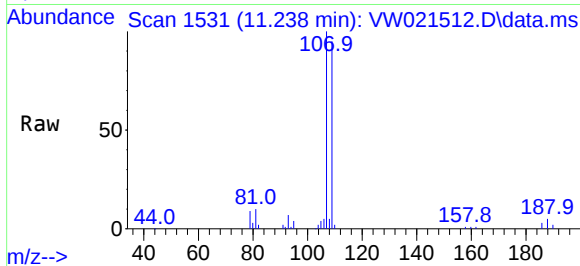
Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

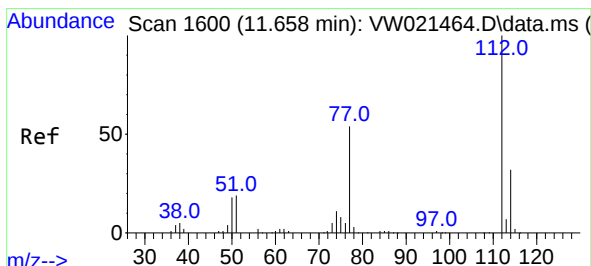
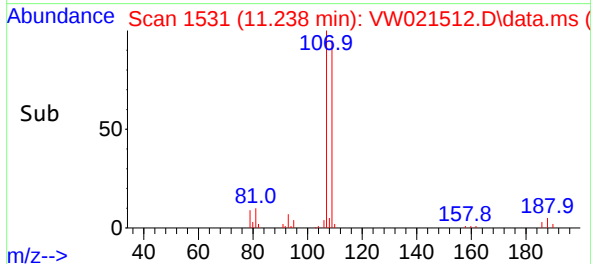
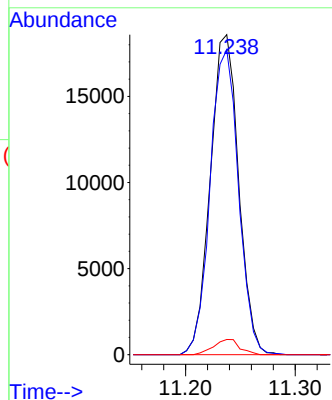
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	33390
Ion	Ratio	Lower	Upper
107	100		
109	95.3	64.1	119.1
188	4.8	2.6	3.8#



#51

Chlorobenzene

Concen: 22.226 ug/L

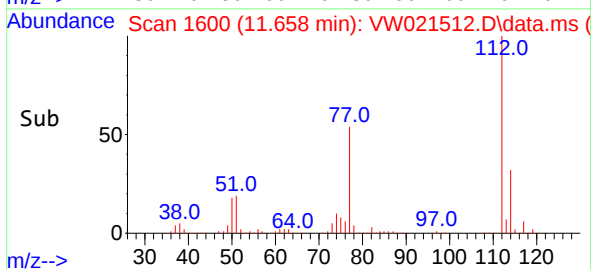
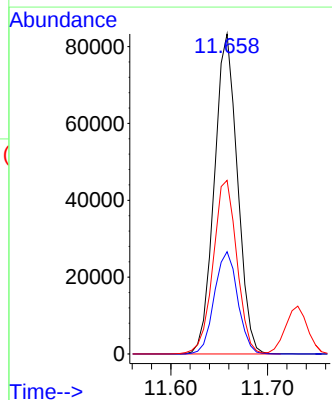
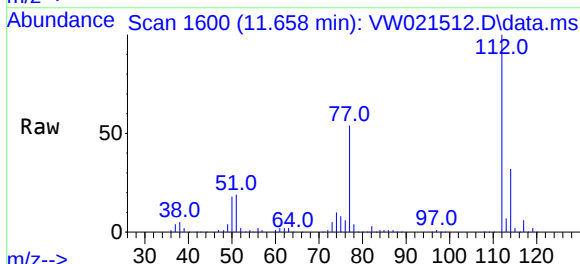
RT: 11.658 min Scan# 1600

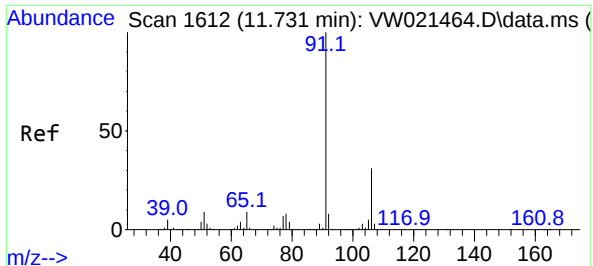
Delta R.T. 0.006 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Tgt Ion:	112	Resp:	138202
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	54.2	50.2	75.4





#52

Ethylbenzene

Concen: 21.931 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

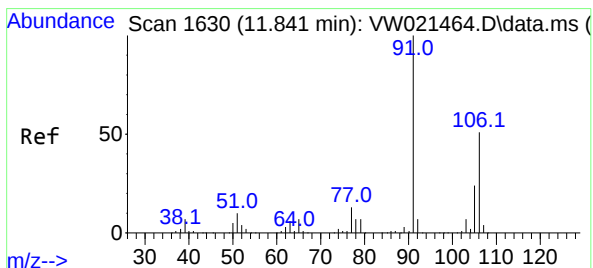
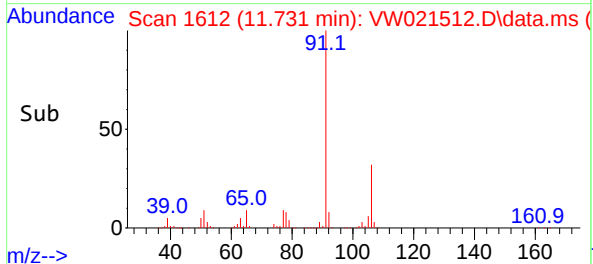
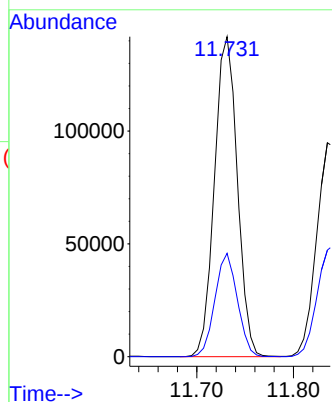
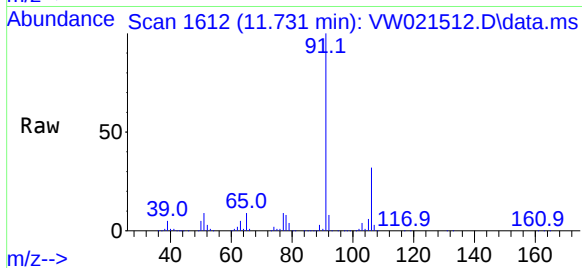
ClientSampleId :

Tgt Ion: 91 Resp: 232763

Ion Ratio Lower Upper

91 100

106 32.3 21.5 39.9



#53

m,p-Xylene

Concen: 22.212 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021512.D

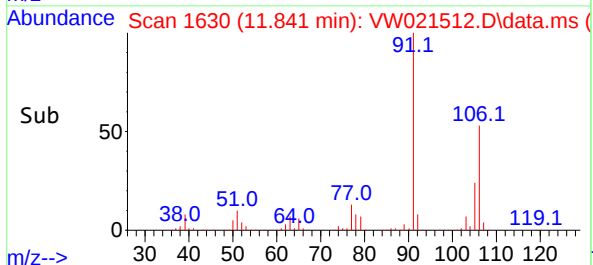
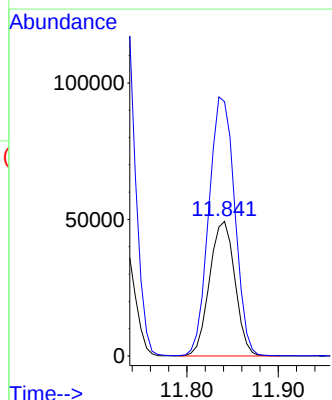
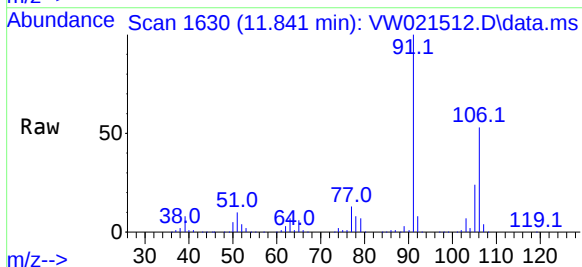
Acq: 20 Dec 2021 20:52

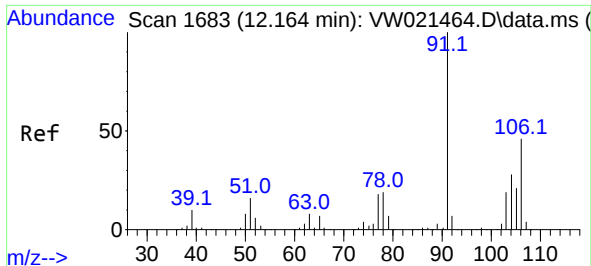
Tgt Ion:106 Resp: 95103

Ion Ratio Lower Upper

106 100

91 188.8 149.9 278.3

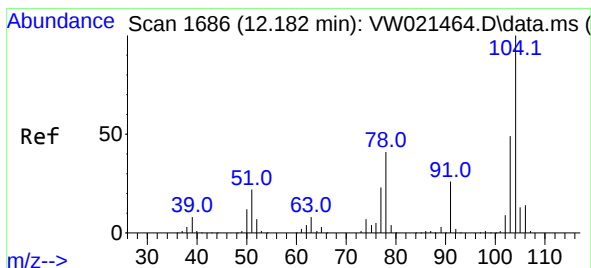
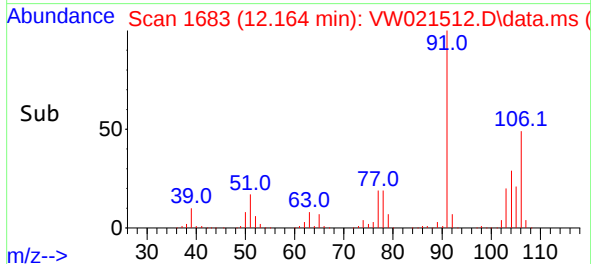
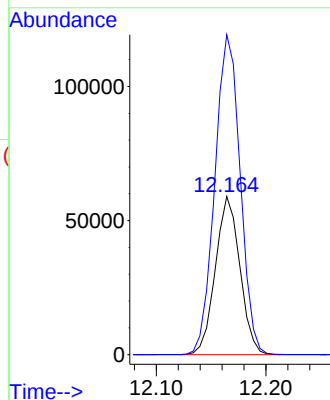
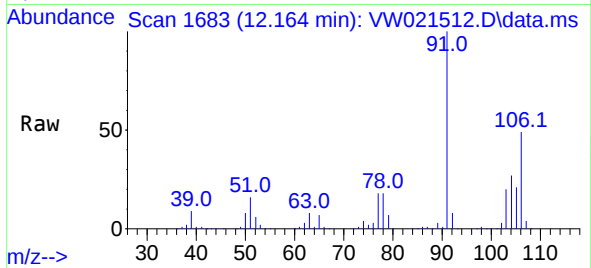




#54
o-Xylene
Concen: 22.535 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

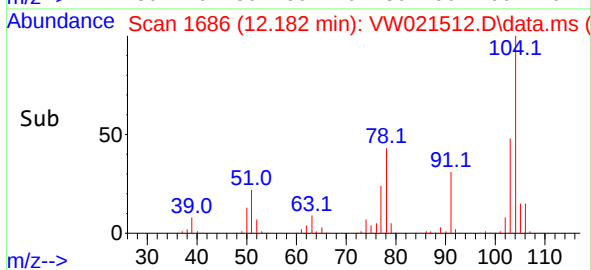
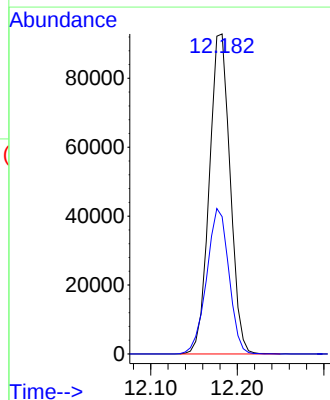
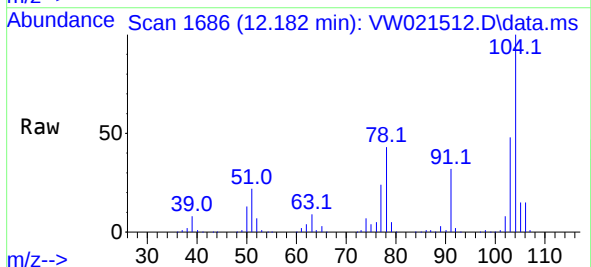
Instrument :
MSVOA_W
ClientSampleId :

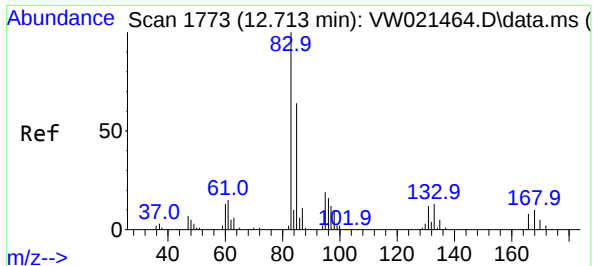
Tgt Ion:106 Resp: 91569
Ion Ratio Lower Upper
106 100
91 202.2 153.6 285.3



#55
Styrene
Concen: 22.404 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

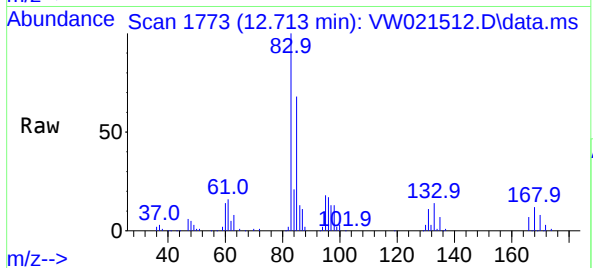
Tgt Ion:104 Resp: 154937
Ion Ratio Lower Upper
104 100
78 42.9 34.4 64.0



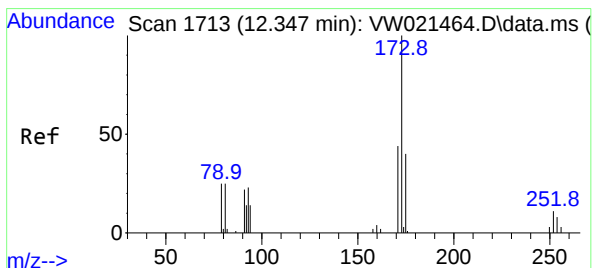
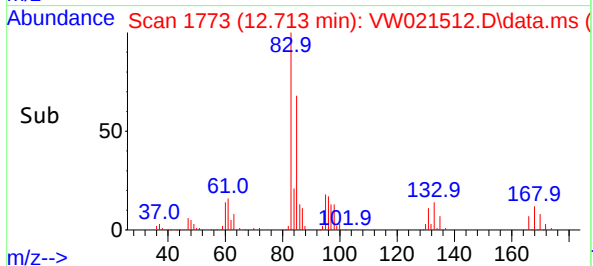
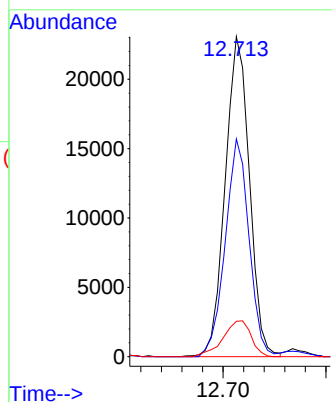


#57
1,1,2,2-Tetrachloroethane
Concen: 22.749 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

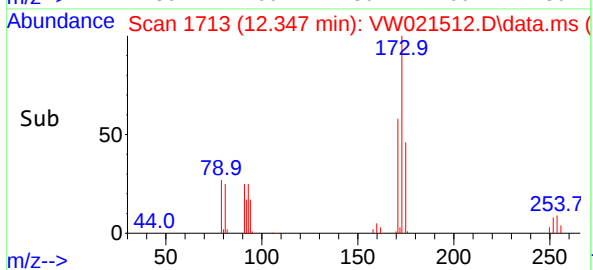
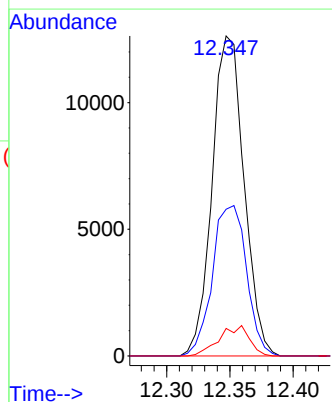
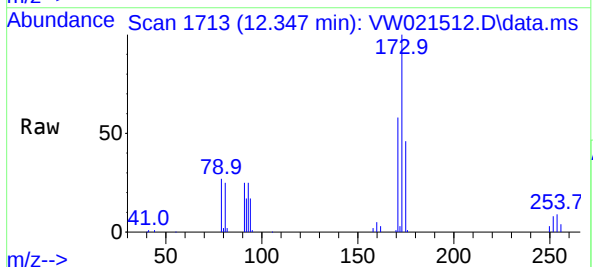


Tgt Ion: 83 Resp: 37807
Ion Ratio Lower Upper
83 100
85 68.0 44.0 81.6
131 11.0 6.9 10.3#

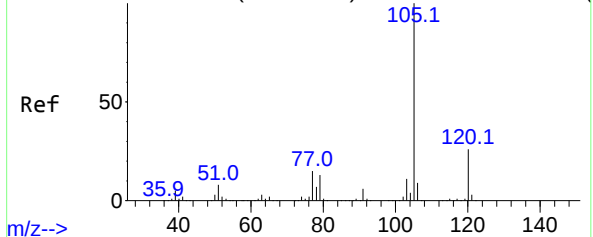


#59
Bromoform
Concen: 21.279 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

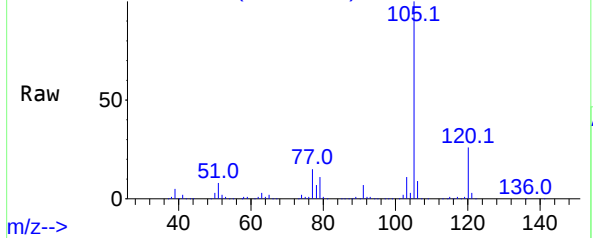
Tgt Ion:173 Resp: 22164
Ion Ratio Lower Upper
173 100
175 50.3 39.6 59.4
254 9.0 7.4 11.0



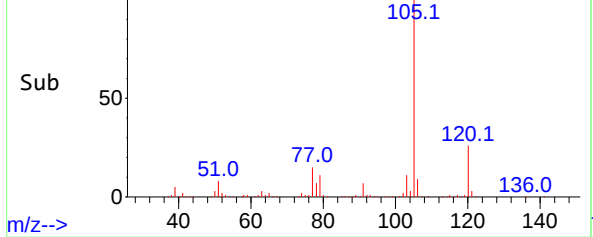
Abundance Scan 1732 (12.463 min): VW021464.D\data.ms (



Abundance Scan 1732 (12.463 min): VW021512.D\data.ms



Abundance Scan 1732 (12.463 min): VW021512.D\data.ms (



#60

Isopropylbenzene

Concen: 21.537 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

ClientSampleId :

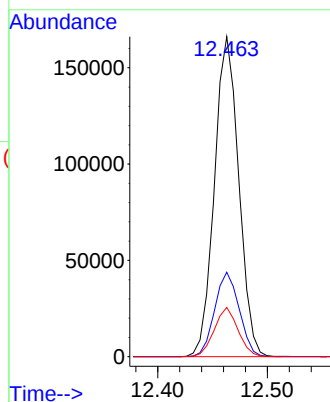
Tgt Ion:105 Resp: 256184

Ion Ratio Lower Upper

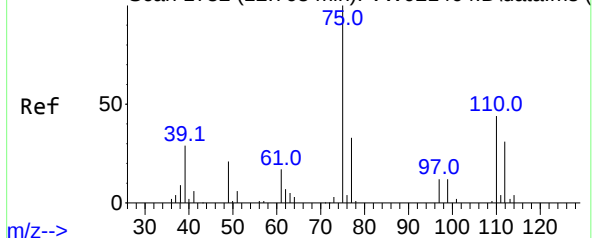
105 100

120 26.6 20.1 30.1

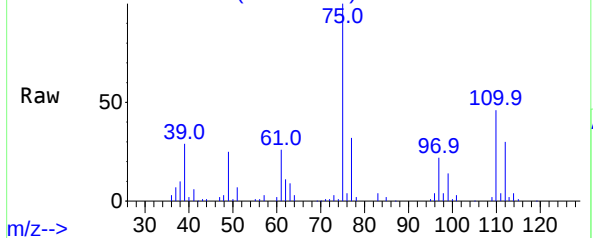
77 15.0 13.8 20.8



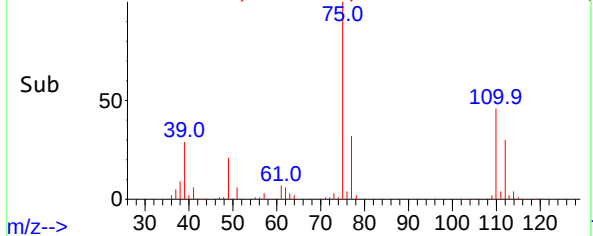
Abundance Scan 1782 (12.768 min): VW021464.D\data.ms (



Abundance Scan 1782 (12.768 min): VW021512.D\data.ms



Abundance Scan 1782 (12.768 min): VW021512.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 21.810 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

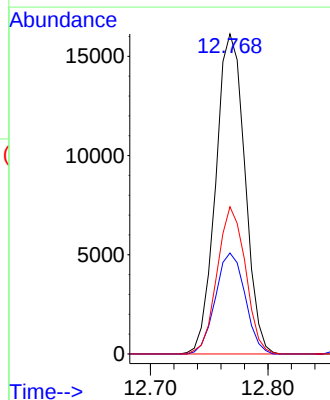
Tgt Ion: 75 Resp: 27787

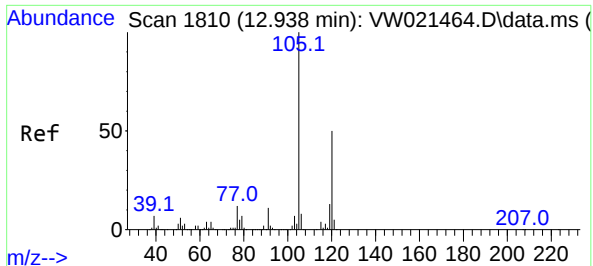
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

110 44.7 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 21.141 ug/L

RT: 12.945 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

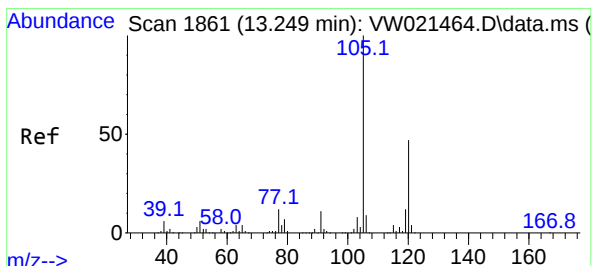
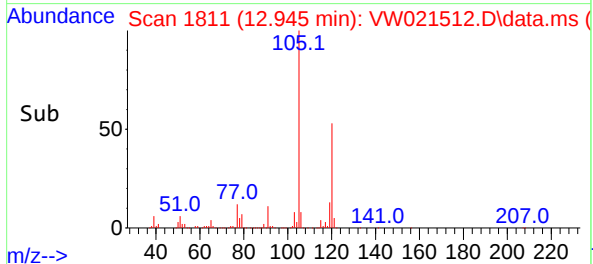
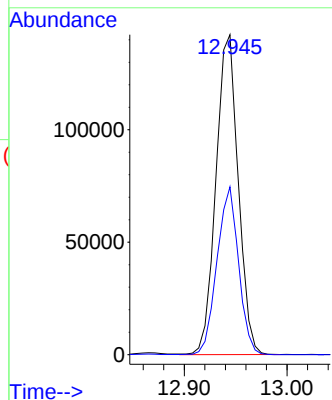
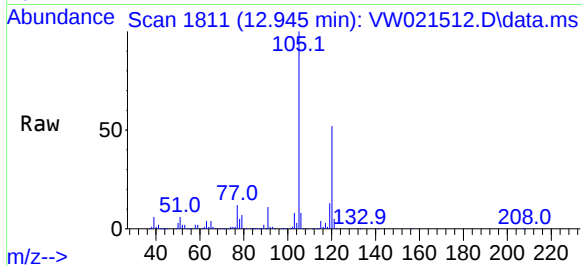
ClientSampleId :

Tgt Ion:105 Resp: 213982

Ion Ratio Lower Upper

105 100

120 50.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.025 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021512.D

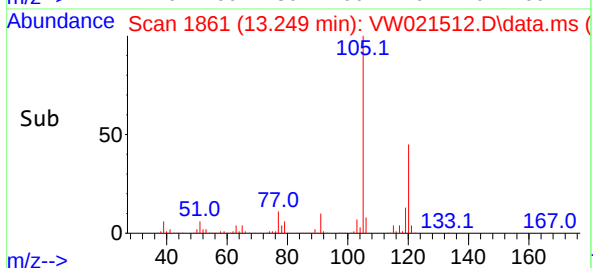
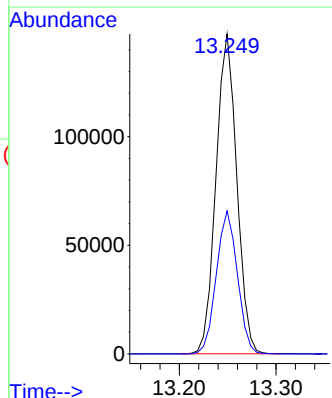
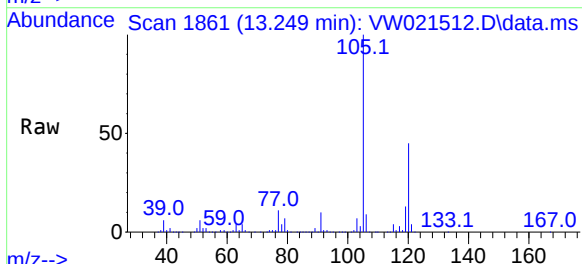
Acq: 20 Dec 2021 20:52

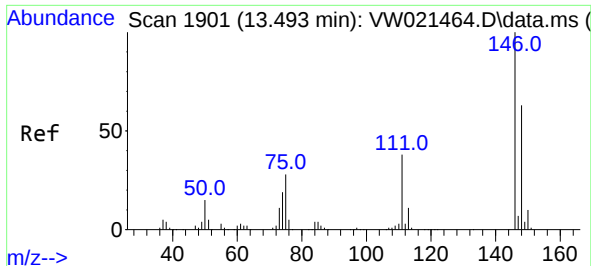
Tgt Ion:105 Resp: 219922

Ion Ratio Lower Upper

105 100

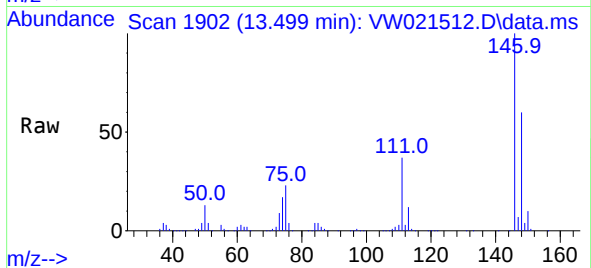
120 45.2 35.0 52.6



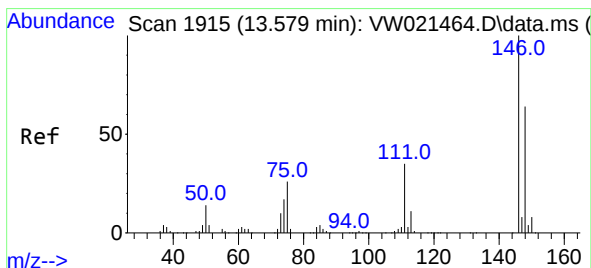
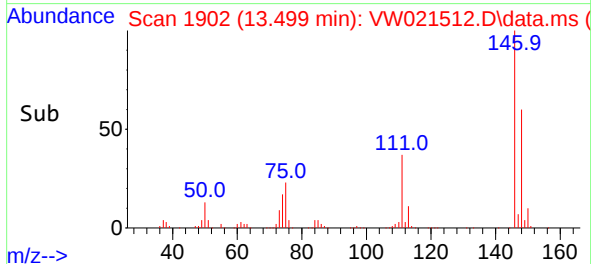
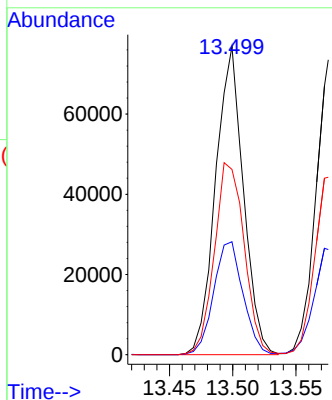


#64
1,3-Dichlorobenzene
Concen: 20.920 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

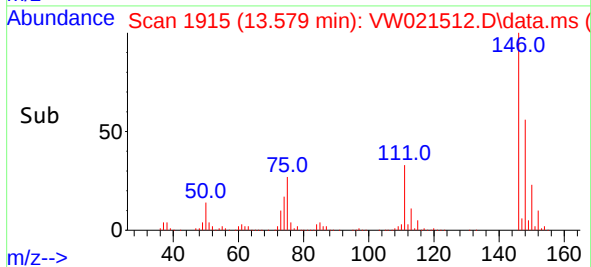
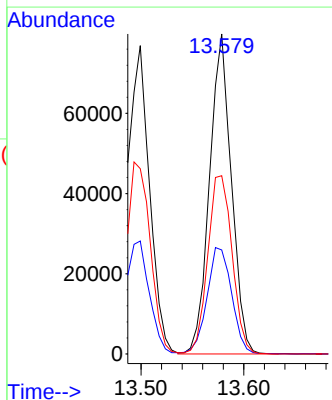
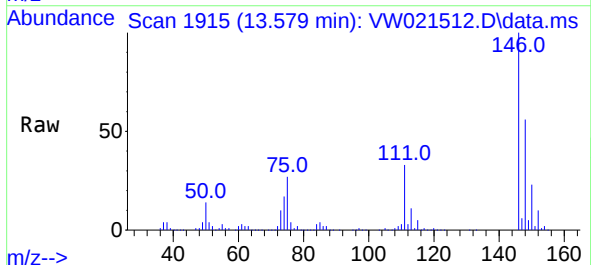


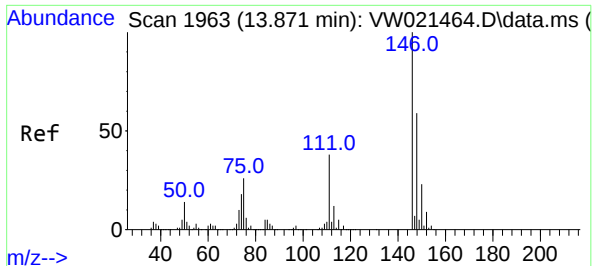
Tgt Ion:146 Resp: 117373
Ion Ratio Lower Upper
146 100
111 36.6 29.8 55.3
148 60.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.152 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion:146 Resp: 117905
Ion Ratio Lower Upper
146 100
111 32.5 29.0 53.9
148 55.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.516 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

ClientSampleId :

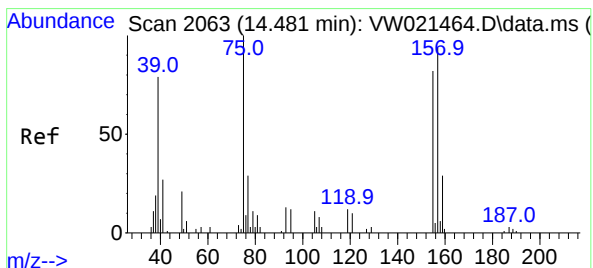
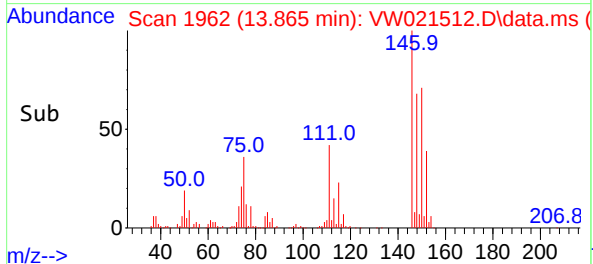
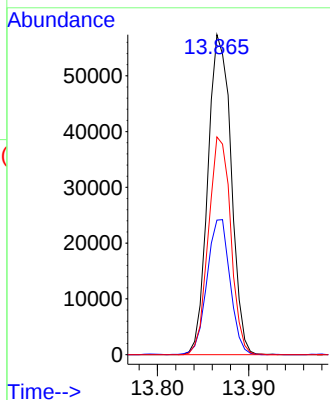
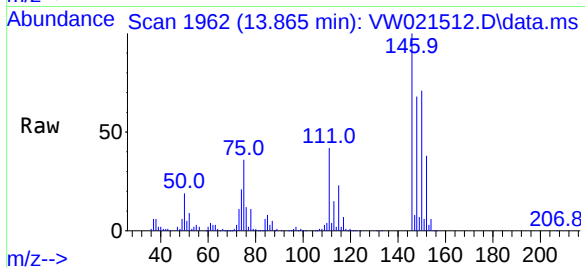
Tgt Ion:146 Resp: 101339

Ion Ratio Lower Upper

146 100

111 42.0 33.1 49.7

148 68.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.557 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

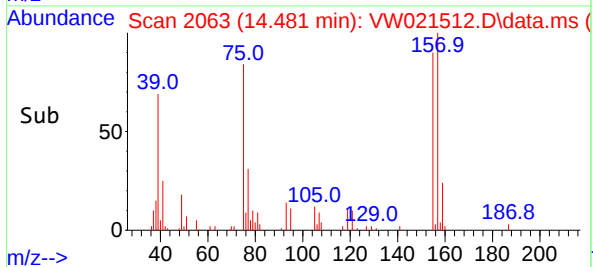
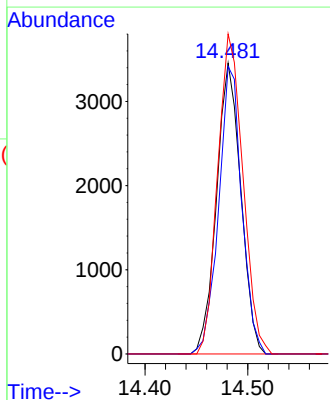
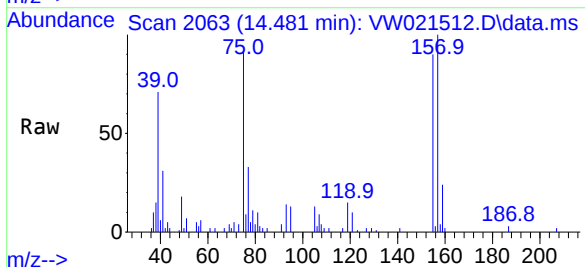
Tgt Ion: 75 Resp: 5665

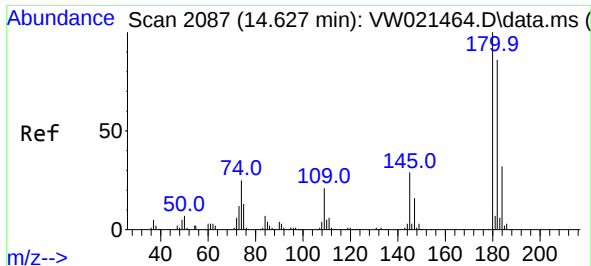
Ion Ratio Lower Upper

75 100

155 98.8 54.2 81.2#

157 110.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 20.314 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

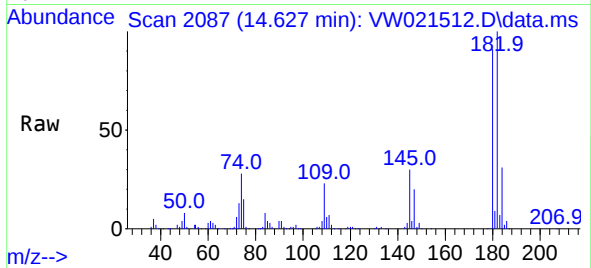
Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 85186

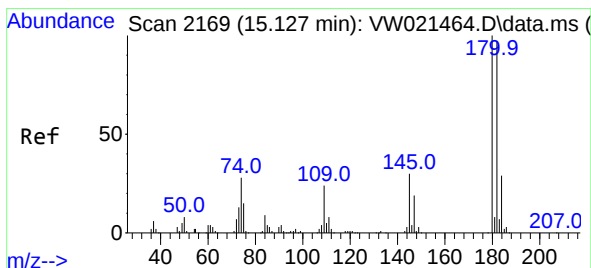
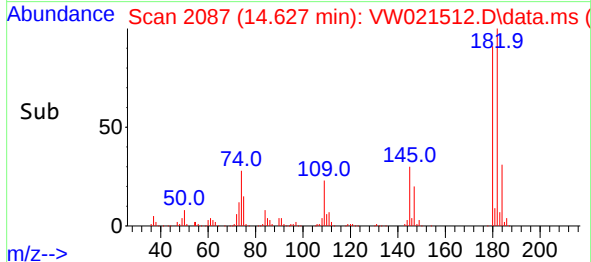
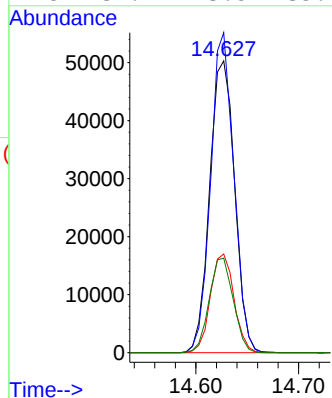
Ion Ratio Lower Upper

180 100

182 101.7 75.4 113.0

184 31.9 23.8 35.8

145 31.1 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 21.798 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021512.D

Acq: 20 Dec 2021 20:52

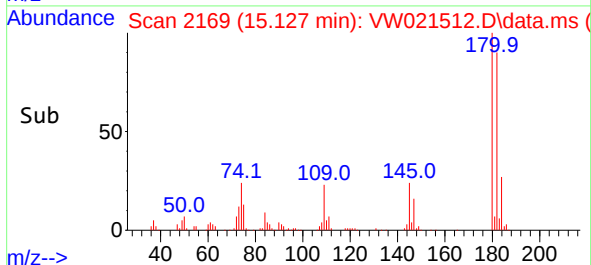
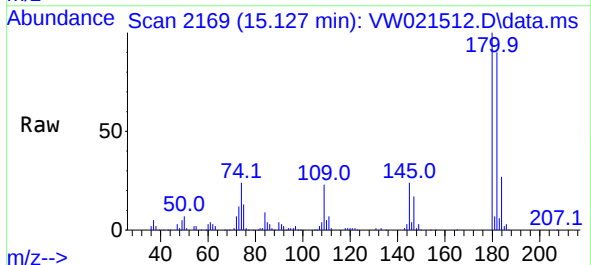
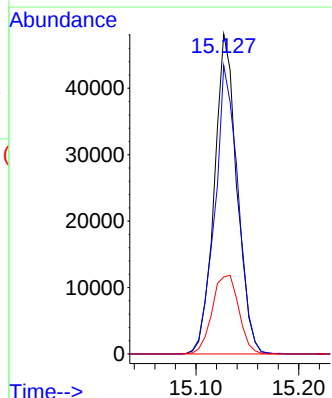
Tgt Ion:180 Resp: 73522

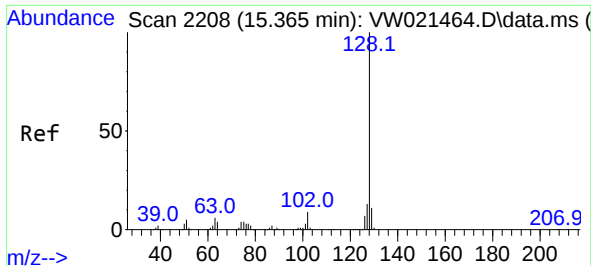
Ion Ratio Lower Upper

180 100

182 92.2 79.0 118.6

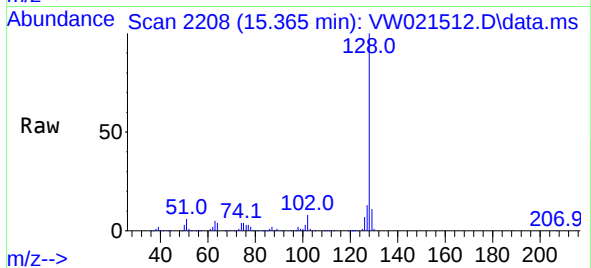
145 28.9 26.0 39.0



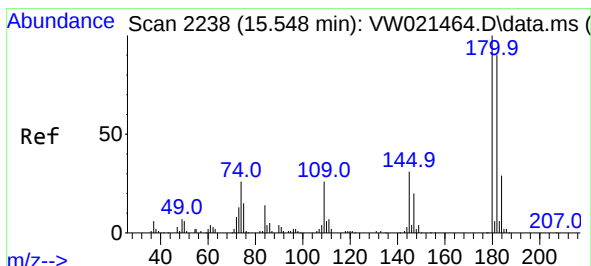
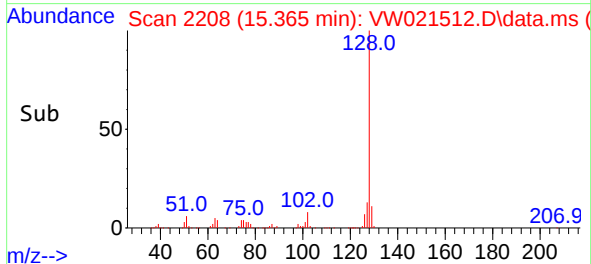
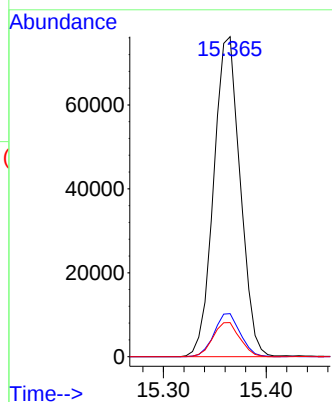


#71
Naphthalene
Concen: 24.869 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 136275
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.209 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW021512.D
Acq: 20 Dec 2021 20:52

Tgt Ion:180 Resp: 59120
Ion Ratio Lower Upper
180 100
182 98.0 76.6 114.8
145 31.9 27.4 41.0

