

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021059.D
 Acq On : 03 Dec 2021 12:08
 Operator : SY/VA
 Sample : VSTD00526
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 18:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105717	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55071	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	7231	5.006	ug/L	0.00
7) Chloroethane-d5	2.879	69	4586	4.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	11909	5.154	ug/L	0.00
21) 2-Butanone-d5	7.080	46	3484	10.479	ug/L	0.00
24) Chloroform-d	7.653	84	14043	5.379	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	7773	5.559	ug/L	0.00
32) Benzene-d6	8.275	84	27630	5.656	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	7570	5.592	ug/L	0.00
41) Toluene-d8	10.323	98	28055	5.641	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	3100	4.981	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2717	10.487	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6325	5.072	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	10511	5.441	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	1878	3.547	ug/L	98
3) Chloromethane	2.215	50	5501	4.836	ug/L	89
5) Vinyl chloride	2.355	62	9716	4.930	ug/L	99
6) Bromomethane	2.776	94	6946	5.174	ug/L	99
8) Chloroethane	2.916	64	3816	4.537	ug/L	91
9) Trichlorofluoromethane	3.257	101	4937	5.117	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	7831	5.308	ug/L	92
12) 1,1-Dichloroethene	4.038	96	7068	5.141	ug/L	74
13) Acetone	4.129	43	3290	10.769	ug/L	97
14) Carbon disulfide	4.379	76	17058	4.580	ug/L	98
15) Methyl Acetate	4.672	43	2782	5.167	ug/L	92
16) Methylene chloride	4.916	84	9443	5.836	ug/L	80
17) trans-1,2-Dichloroethene	5.428	96	7340	5.075	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	11577	5.350	ug/L	# 75
19) 1,1-Dichloroethane	6.220	63	11798	5.157	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	7885	5.180	ug/L	78
22) 2-Butanone	7.177	43	4260	10.041	ug/L	95
23) Bromochloromethane	7.513	128	3679	5.180	ug/L	# 58
25) Chloroform	7.677	83	13146	5.162	ug/L	93
27) 1,2-Dichloroethane	8.397	62	8705	5.194	ug/L	# 94
29) Cyclohexane	7.958	56	11035	5.162	ug/L	# 69
30) 1,1,1-Trichloroethane	7.872	97	11925	5.239	ug/L	94
31) Carbon tetrachloride	8.067	117	10636	5.089	ug/L	98
33) Benzene	8.323	78	29201	5.299	ug/L	100
34) Trichloroethene	9.092	95	7931	5.200	ug/L	88
35) Methylcyclohexane	9.335	83	13375	5.204	ug/L	86
37) 1,2-Dichloropropane	9.366	63	6385	5.148	ug/L	98
38) Bromodichloromethane	9.640	83	8695	4.989	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	9877	4.930	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	8331	9.978	ug/L	# 92
42) Toluene	10.390	91	32131	5.154	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	8460	4.702	ug/L	98

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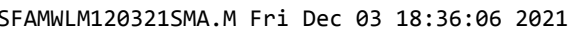
Quant Time: Dec 03 18:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
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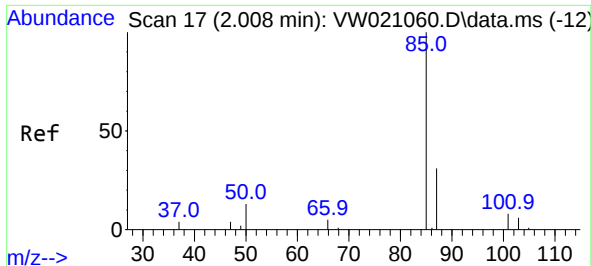
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	5293	5.039	ug/L	92
46) Tetrachloroethene	10.860	164	7524	5.347	ug/L	94
48) 2-Hexanone	10.969	43	5631	9.359	ug/L #	92
49) Dibromochloromethane	11.128	129	6228	4.857	ug/L	95
50) 1,2-Dibromoethane	11.238	107	5452	5.175	ug/L #	93
51) Chlorobenzene	11.658	112	21574	5.140	ug/L	90
52) Ethylbenzene	11.731	91	35521	5.030	ug/L	98
53) m,p-Xylene	11.835	106	14455	4.927	ug/L	89
54) o-Xylene	12.164	106	13242	4.855	ug/L	87
55) Styrene	12.176	104	21952	4.682	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	6081	4.890	ug/L #	95
59) Bromoform	12.347	173	3343	4.314	ug/L #	97
60) Isopropylbenzene	12.463	105	36403	4.814	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	4384	4.832	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.938	105	30977	4.887	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	30853	4.830	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	18201	5.101	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	18095	5.082	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	16163	5.100	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.621	75	2279	11.474	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.621	180	13678	5.255	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	10577	4.976	ug/L	99
71) Naphthalene	15.365	128	18857	4.722	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	9139	4.871	ug/L	97

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

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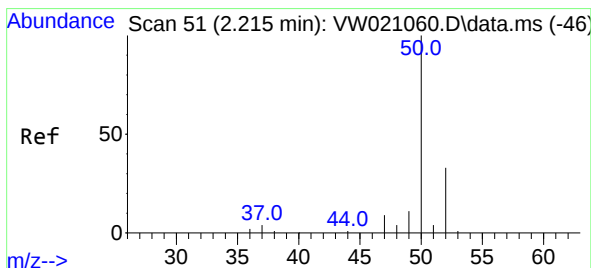
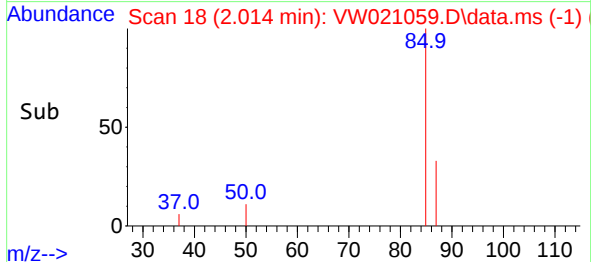
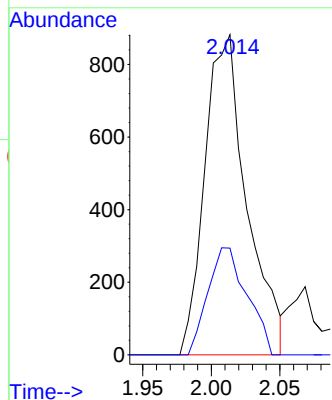
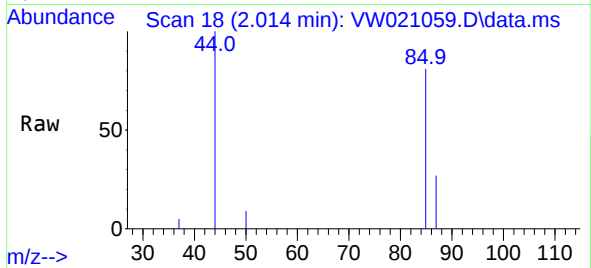




#2
 Dichlorodifluoromethane
 Concen: 3.547 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021059.D
 Acq: 03 Dec 2021 12:08

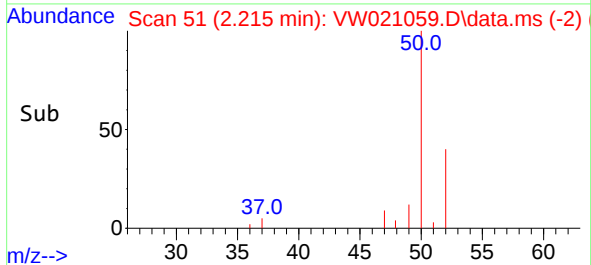
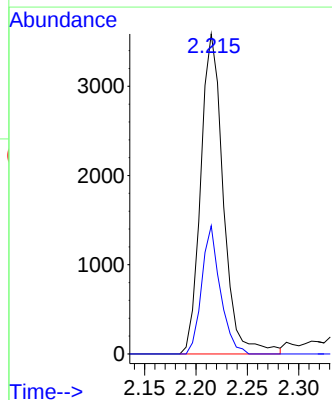
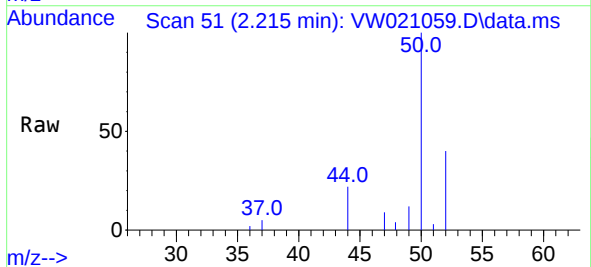
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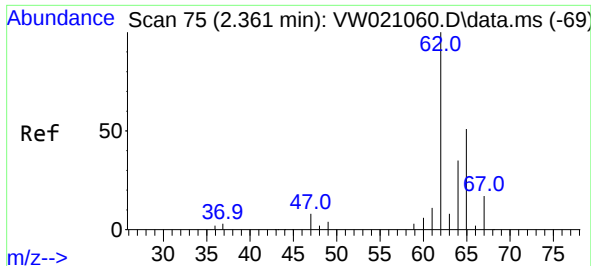
Tgt Ion: 85 Resp: 1878
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.8 38.6



#3
 Chloromethane
 Concen: 4.836 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021059.D
 Acq: 03 Dec 2021 12:08

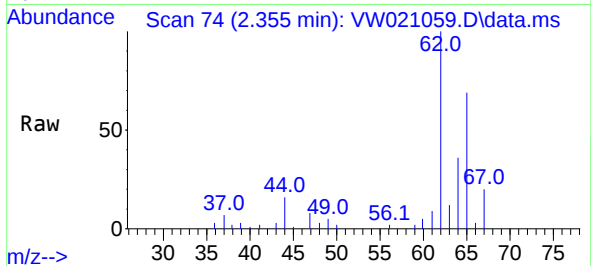
Tgt Ion: 50 Resp: 5501
 Ion Ratio Lower Upper
 50 100
 52 40.0 23.4 43.6



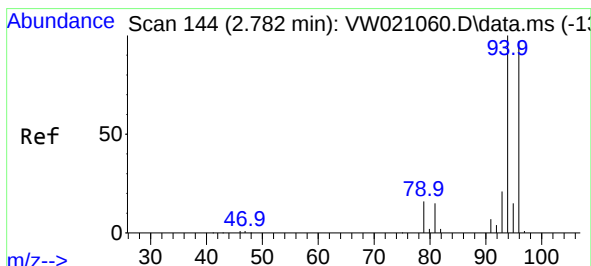
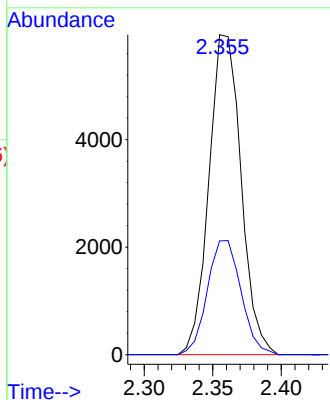
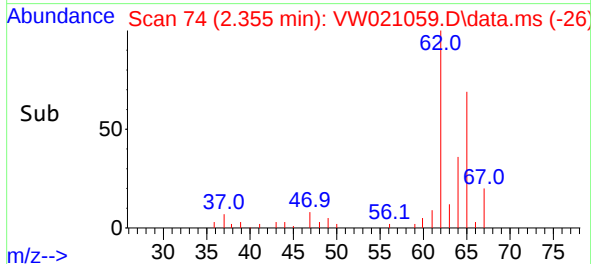


#5
 Vinyl chloride
 Concen: 4.930 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021059.D
 Acq: 03 Dec 2021 12:08

Instrument :
 MSVOA_W
 ClientSampleId :

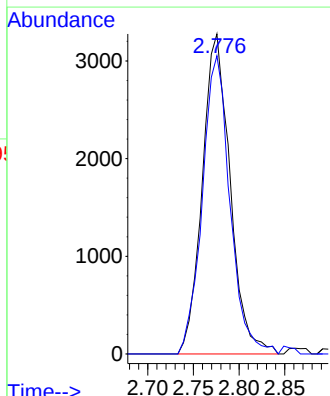
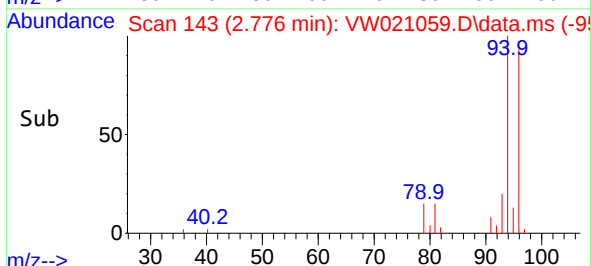
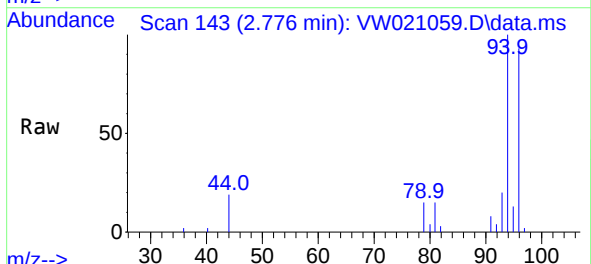


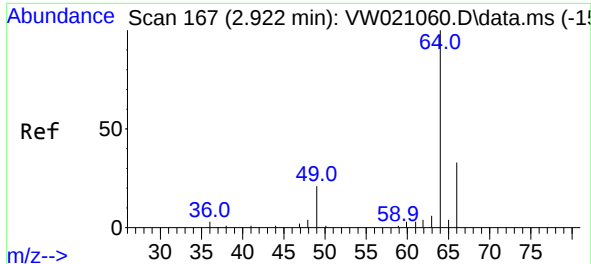
Tgt Ion: 62 Resp: 9716
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 5.174 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021059.D
 Acq: 03 Dec 2021 12:08

Tgt Ion: 94 Resp: 6946
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

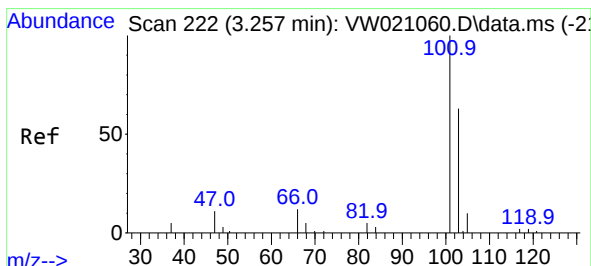
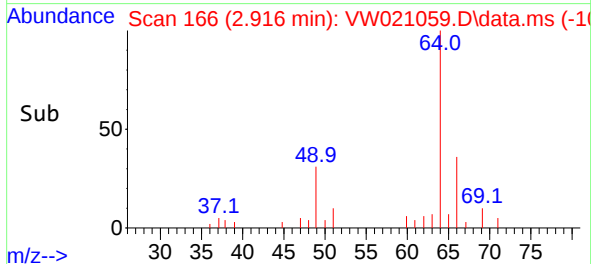
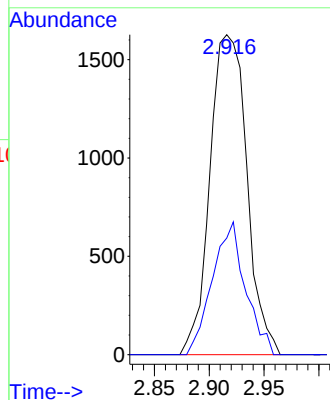
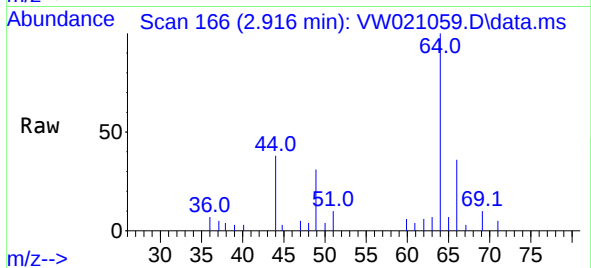




#8
Chloroethane
Concen: 4.537 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

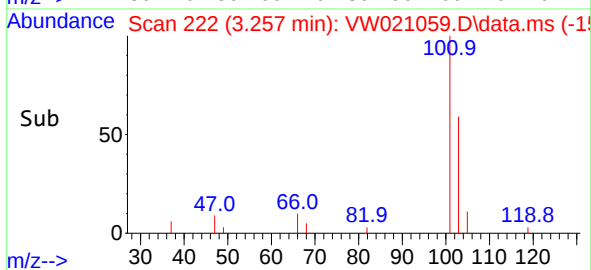
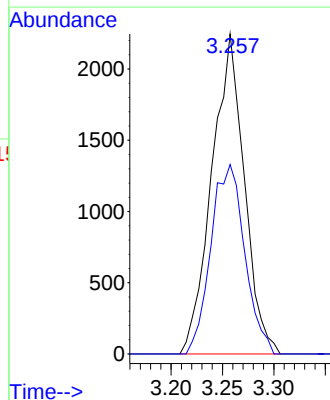
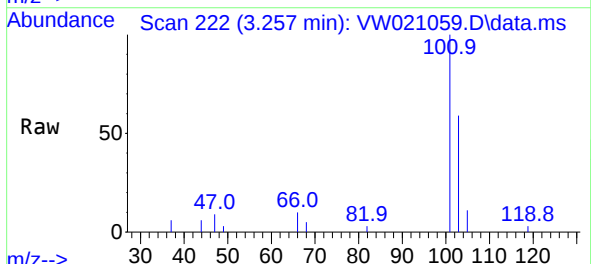
Instrument :
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ClientSampleId :

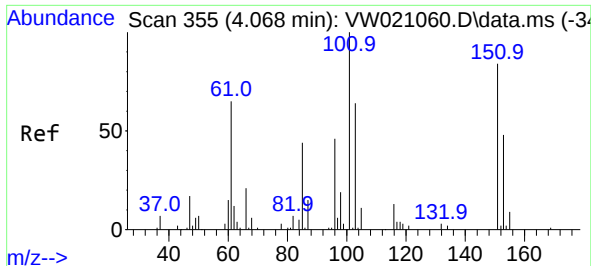
Tgt Ion: 64 Resp: 3816
Ion Ratio Lower Upper
64 100
66 36.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.117 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion:101 Resp: 4937
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.2

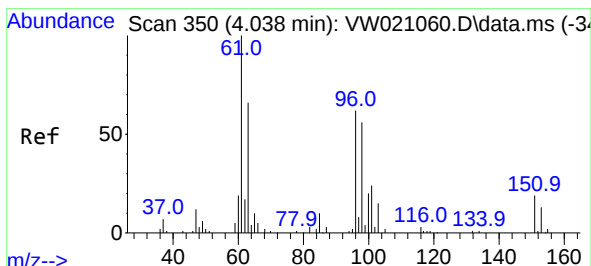
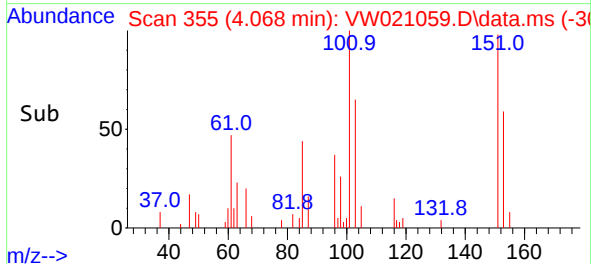
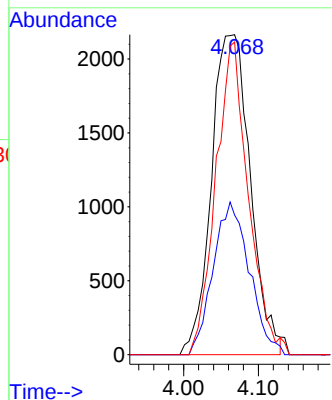
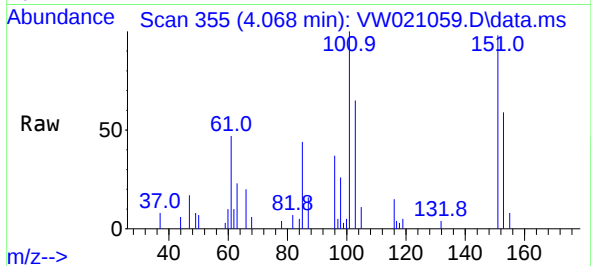




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.308 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

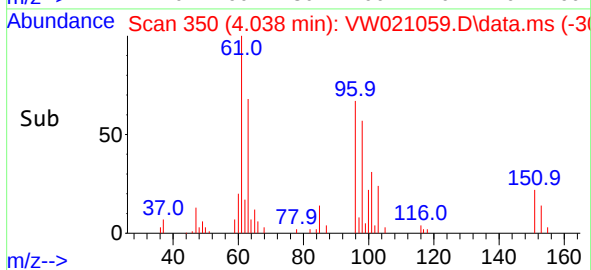
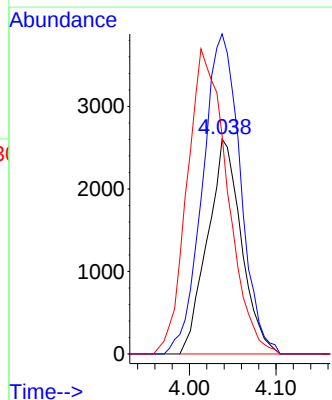
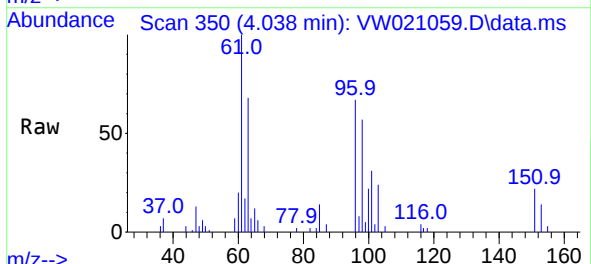
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ClientSampleId :

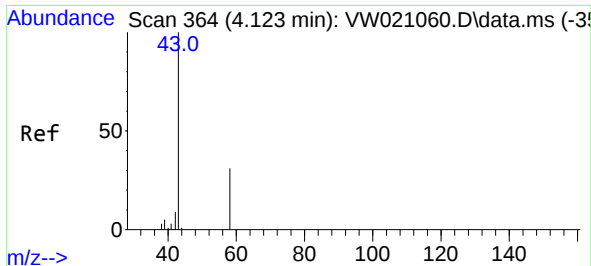
Tgt Ion:101 Resp: 7831
Ion Ratio Lower Upper
101 100
85 44.5 36.6 54.8
151 81.4 57.4 86.0



#12
1,1-Dichloroethene
Concen: 5.141 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 96 Resp: 7068
Ion Ratio Lower Upper
96 100
61 148.9 138.3 256.9
63 101.5 82.6 153.4

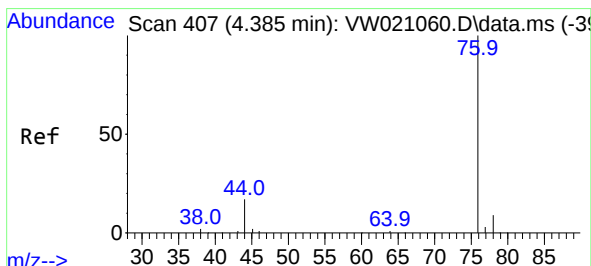
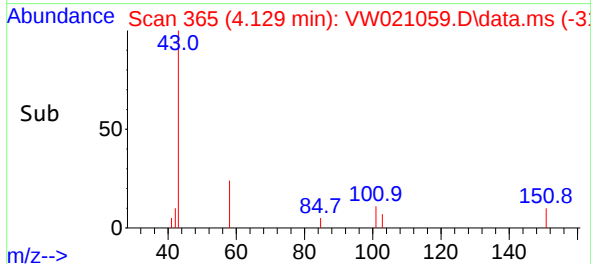
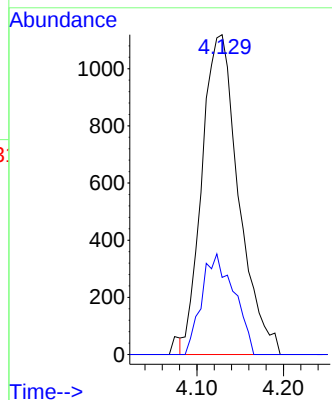
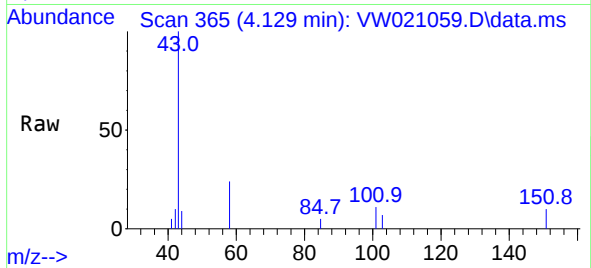




#13
Acetone
Concen: 10.769 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

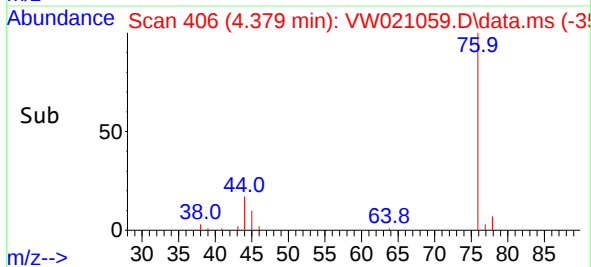
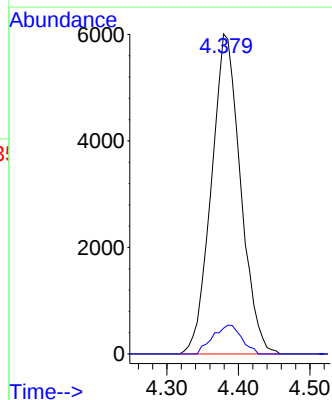
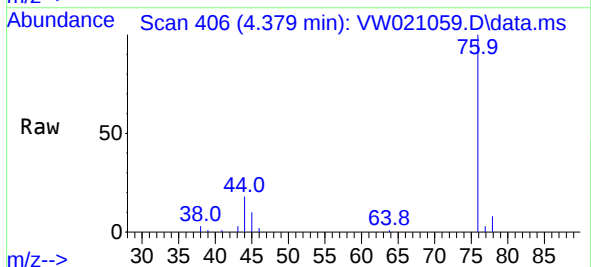
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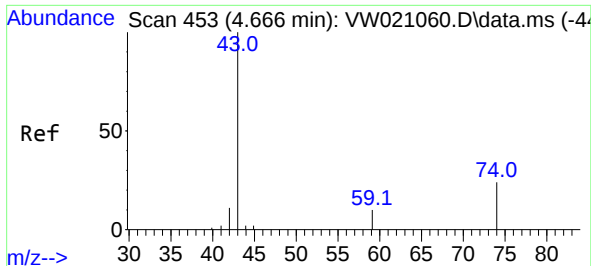
Tgt Ion: 43 Resp: 3290
Ion Ratio Lower Upper
43 100
58 27.8 0.0 52.8



#14
Carbon disulfide
Concen: 4.580 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 76 Resp: 17058
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7

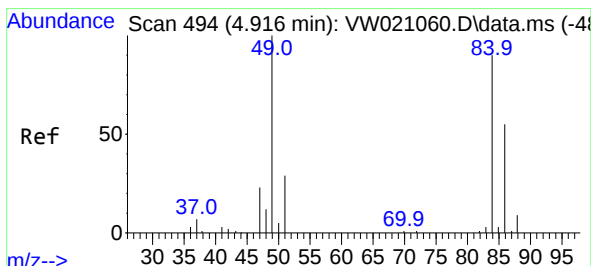
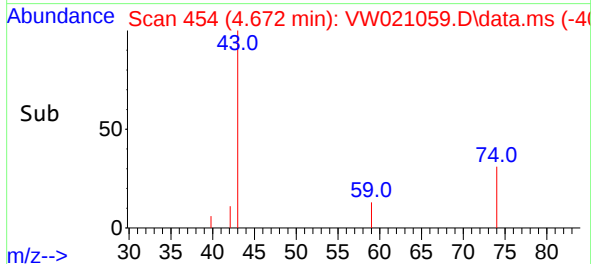
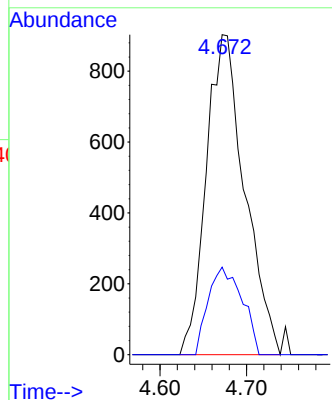
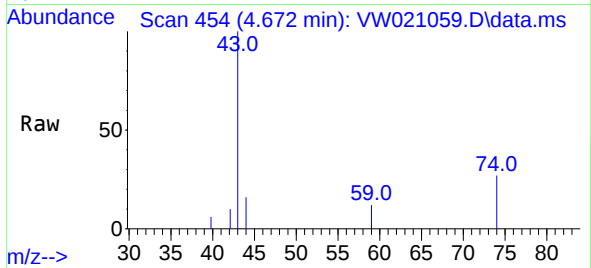




#15
Methyl Acetate
Concen: 5.167 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

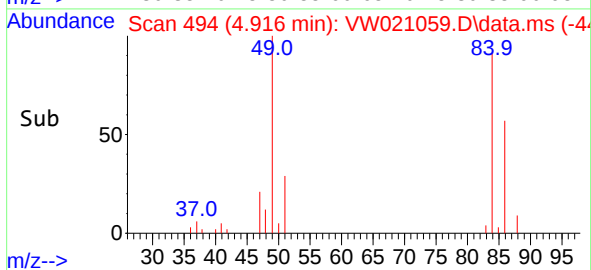
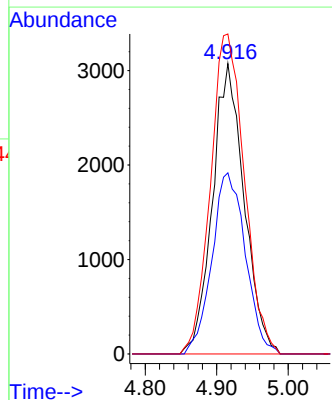
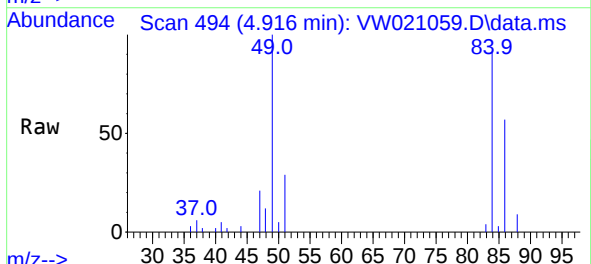
Instrument :
MSVOA_W
ClientSampleId :

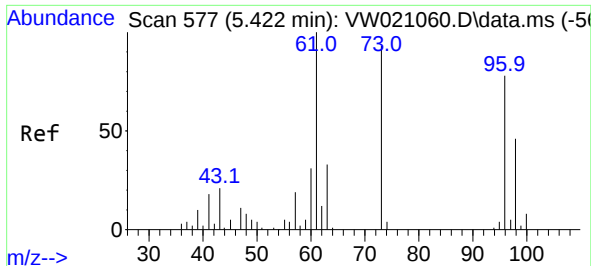
Tgt Ion: 43 Resp: 2782
Ion Ratio Lower Upper
43 100
74 24.1 16.4 24.6



#16
Methylene chloride
Concen: 5.836 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 84 Resp: 9443
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 110.2 100.5 186.7

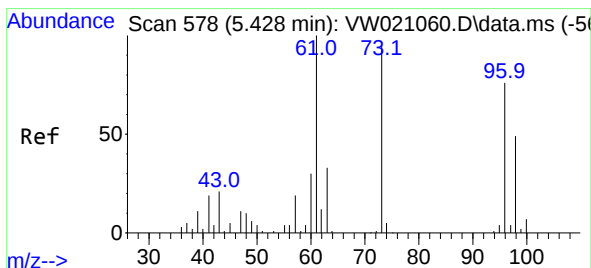
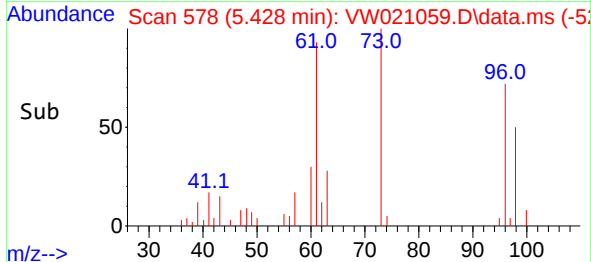
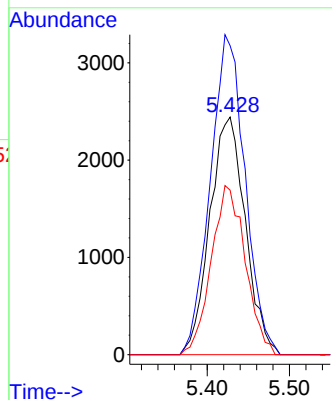
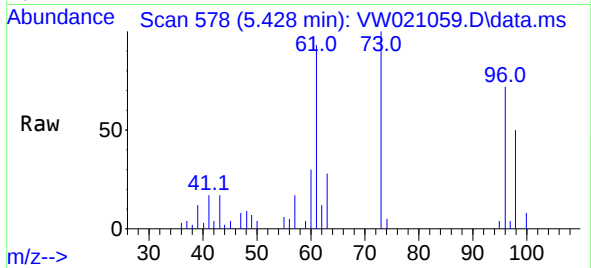




#17
trans-1,2-Dichloroethene
Concen: 5.075 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

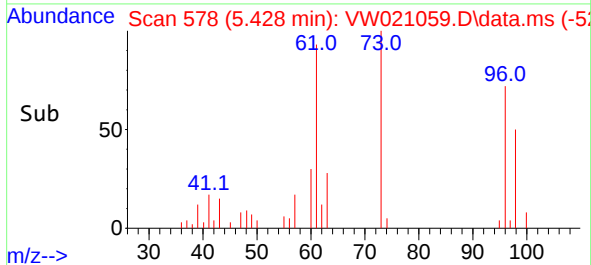
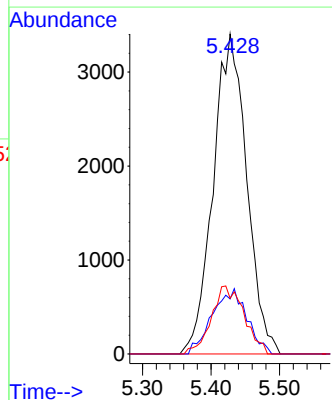
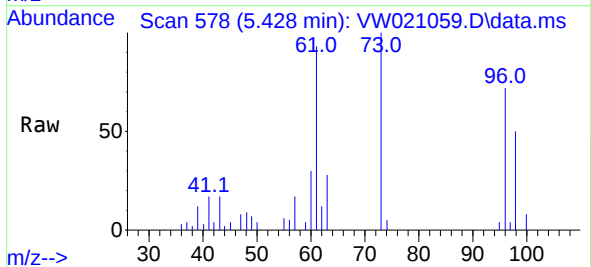
Instrument :
MSVOA_W
ClientSampleId :

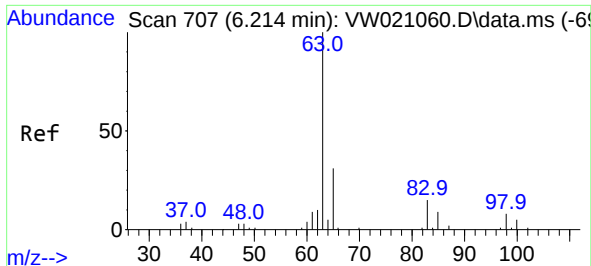
Tgt Ion: 96 Resp: 7340
Ion Ratio Lower Upper
96 100
61 130.1 107.4 199.4
98 69.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 5.350 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 73 Resp: 11577
Ion Ratio Lower Upper
73 100
43 11.7 19.5 29.3#
57 12.2 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 5.157 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :

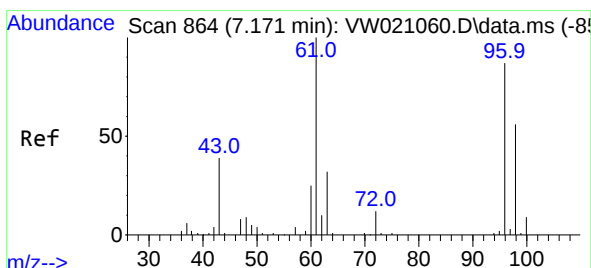
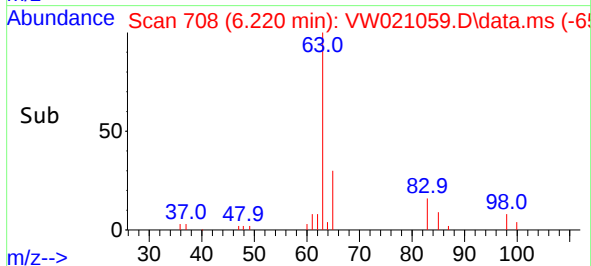
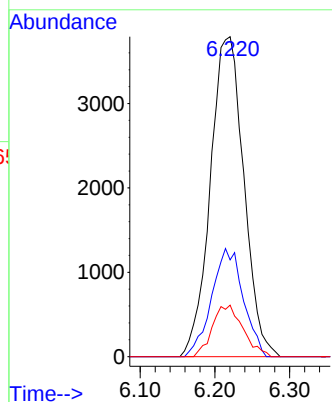
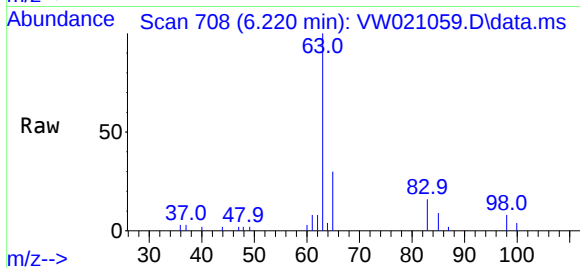
Tgt Ion: 63 Resp: 11798

Ion Ratio Lower Upper

63 100

65 30.2 22.1 41.1

83 16.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 5.180 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

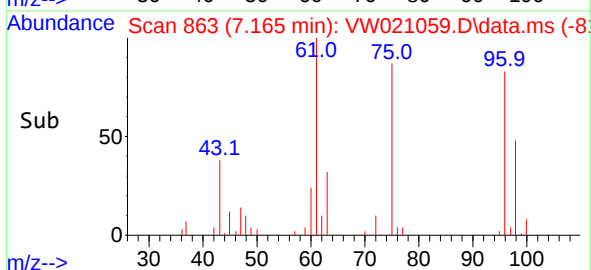
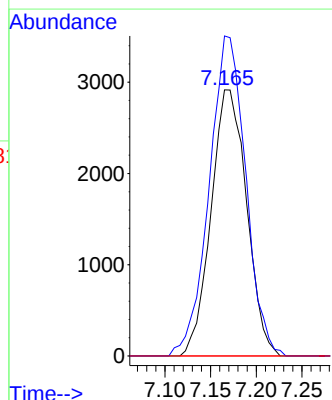
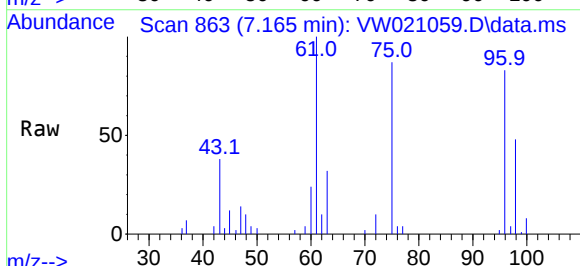
Tgt Ion: 96 Resp: 7885

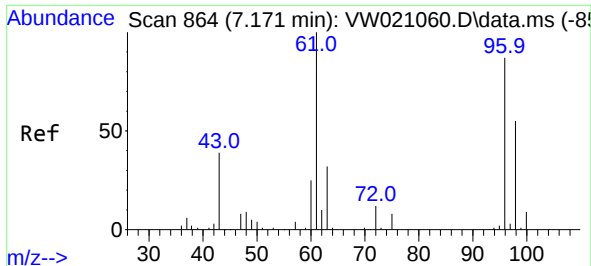
Ion Ratio Lower Upper

96 100

61 120.2 103.7 192.7

68 0.0 0.0 0.0

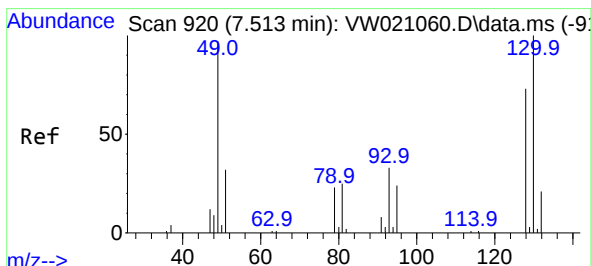
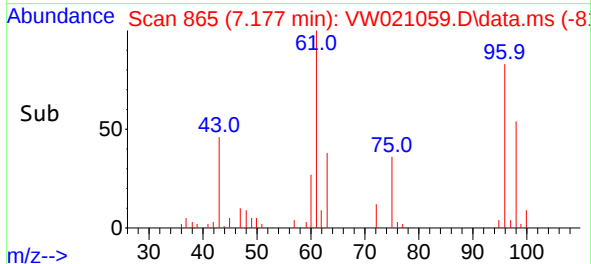
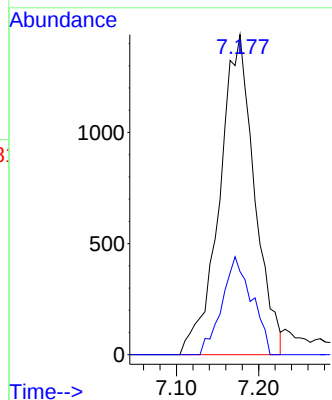
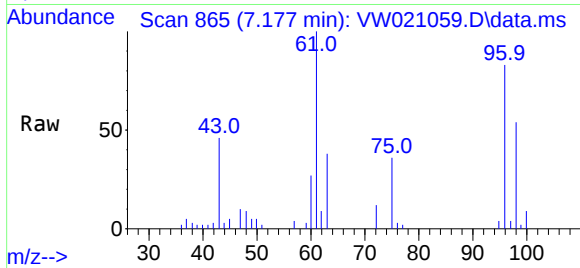




#22
2-Butanone
Concen: 10.041 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

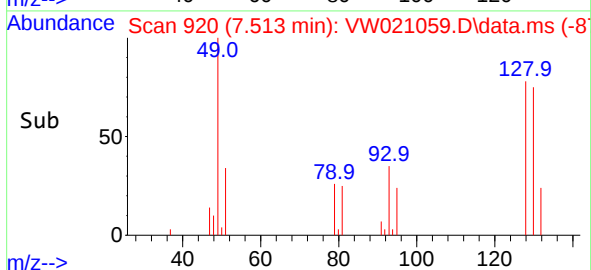
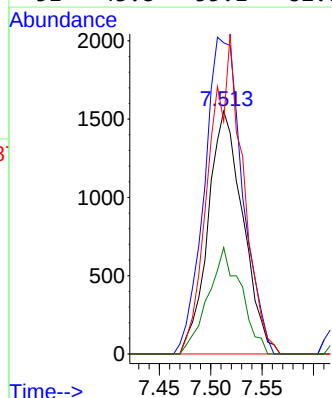
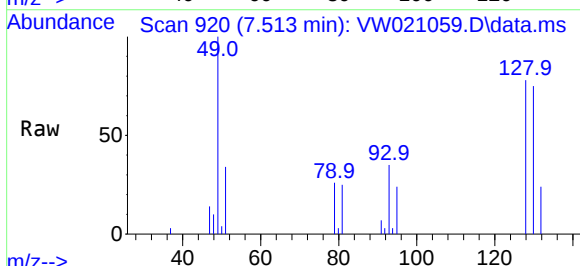
Instrument :
MSVOA_W
ClientSampleId :

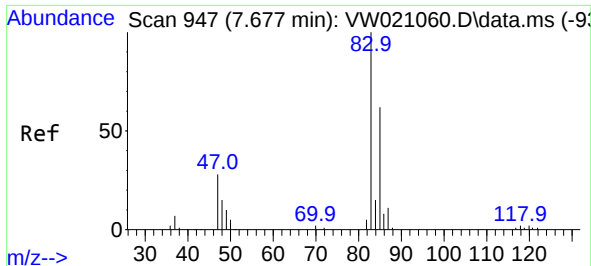
Tgt Ion: 43 Resp: 4260
Ion Ratio Lower Upper
43 100
72 26.2 11.8 35.4



#23
Bromochloromethane
Concen: 5.180 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 128 Resp: 3679
Ion Ratio Lower Upper
128 100
49 128.2 150.3 279.1#
130 95.8 88.3 163.9
51 43.8 55.1 82.7#





#25

Chloroform

Concen: 5.162 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

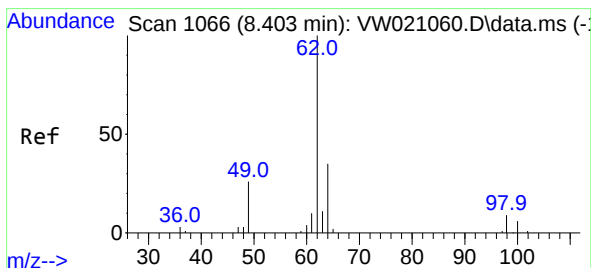
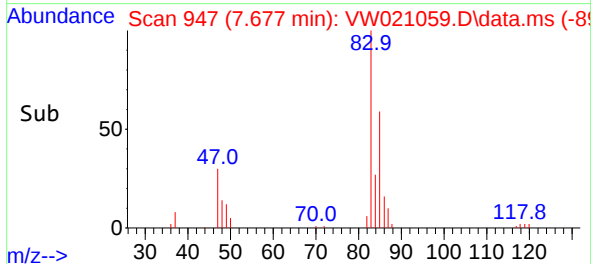
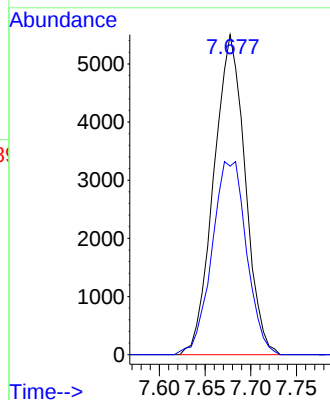
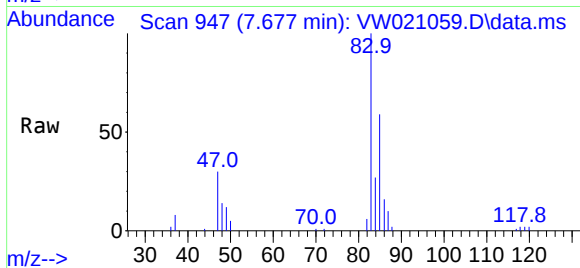
ClientSampleId :

Tgt Ion: 83 Resp: 13146

Ion Ratio Lower Upper

83 100

85 58.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.194 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021059.D

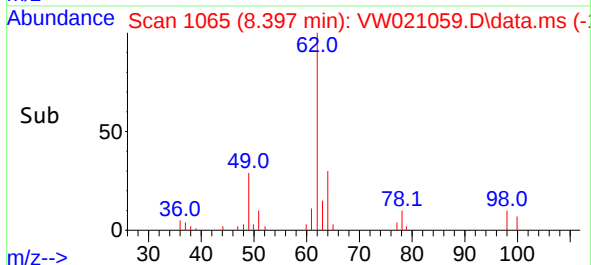
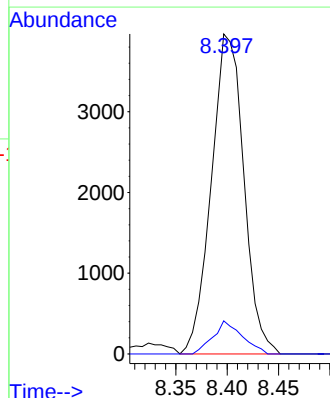
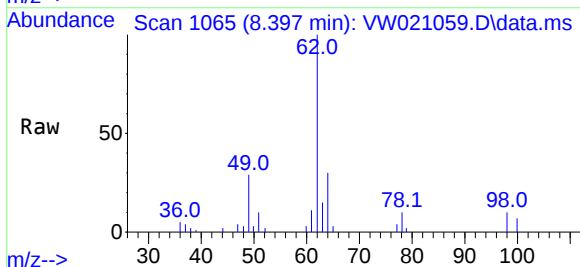
Acq: 03 Dec 2021 12:08

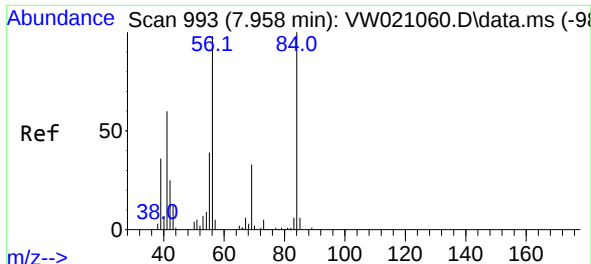
Tgt Ion: 62 Resp: 8705

Ion Ratio Lower Upper

62 100

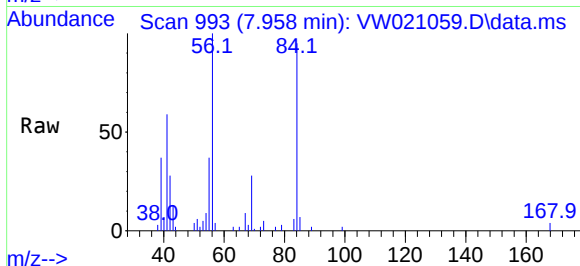
98 10.4 6.5 9.7#



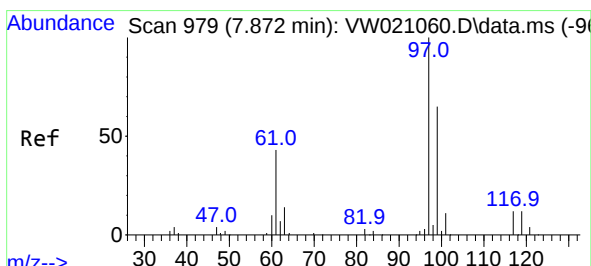
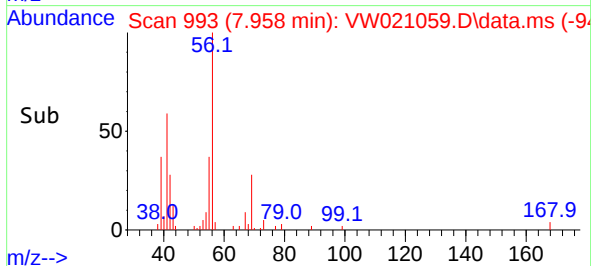
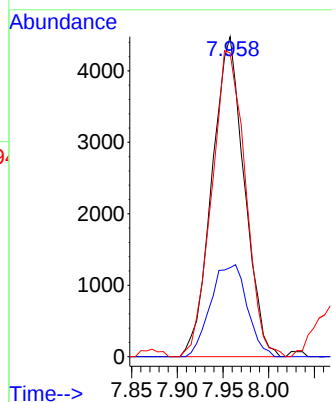


#29
Cyclohexane
Concen: 5.162 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :

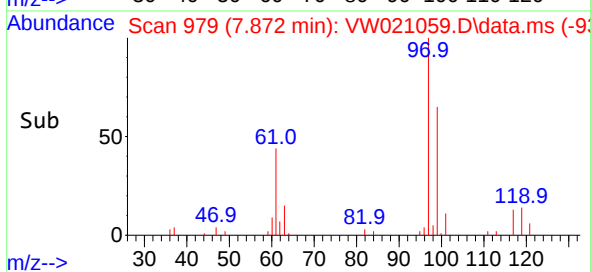
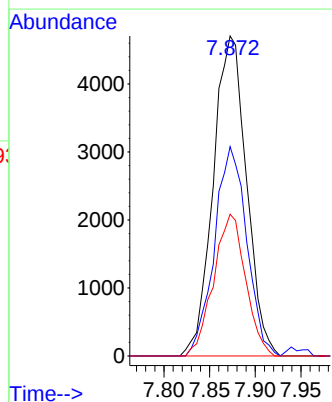
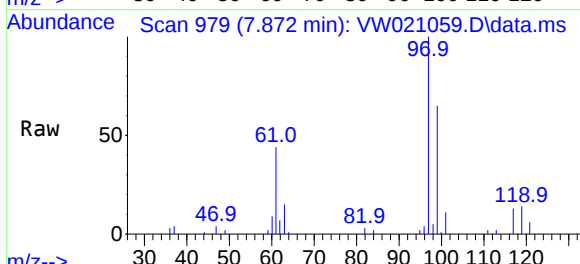


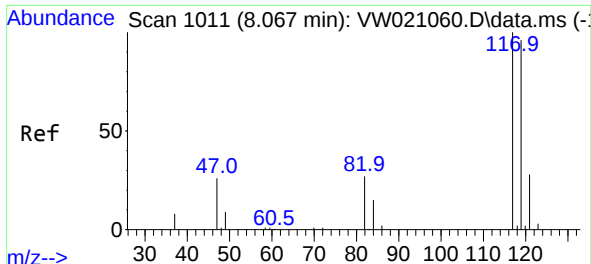
Tgt Ion: 56 Resp: 11035
Ion Ratio Lower Upper
56 100
69 0.0 23.5 35.3#
84 99.2 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 97 Resp: 11925
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 42.6 40.9 61.3

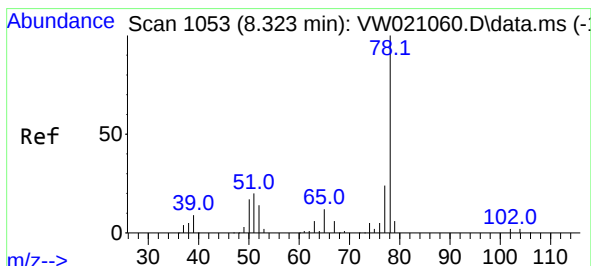
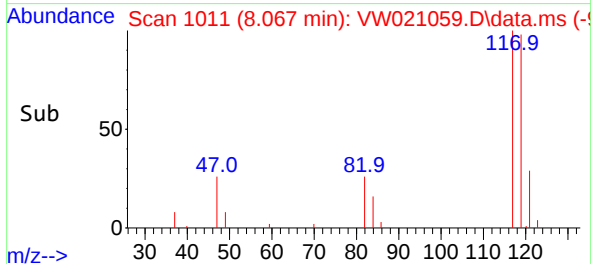
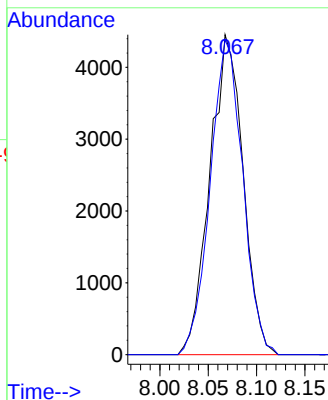
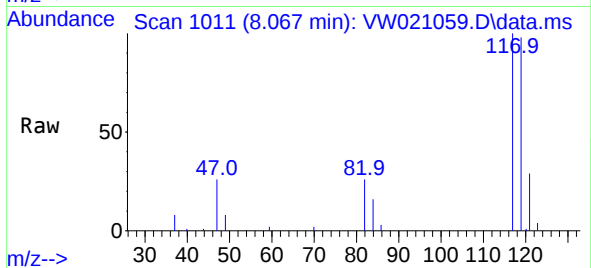




#31
Carbon tetrachloride
Concen: 5.089 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

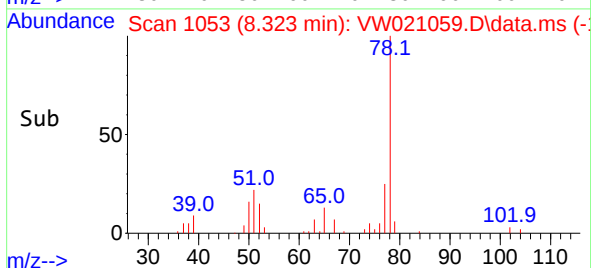
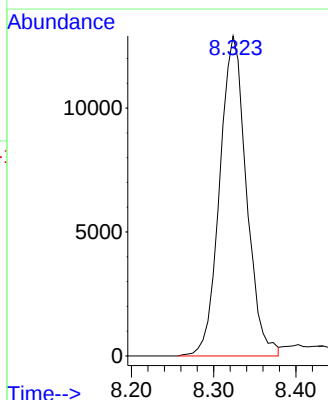
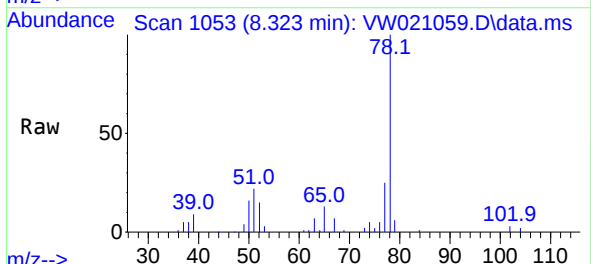
Instrument :
MSVOA_W
ClientSampleId :

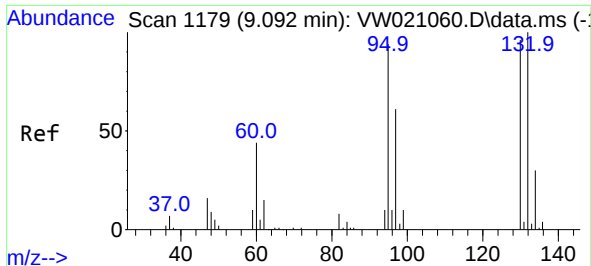
Tgt Ion:117 Resp: 10636
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5



#33
Benzene
Concen: 5.299 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

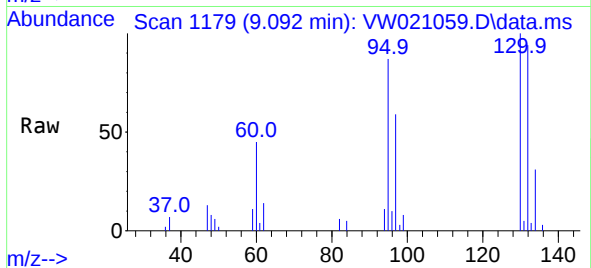
Tgt Ion: 78 Resp: 29201





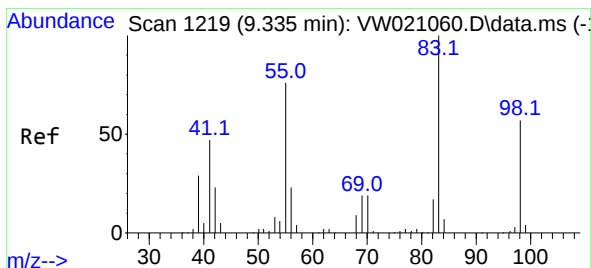
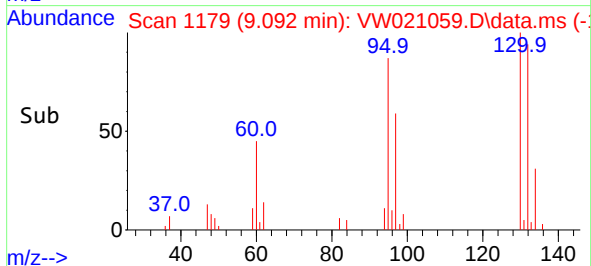
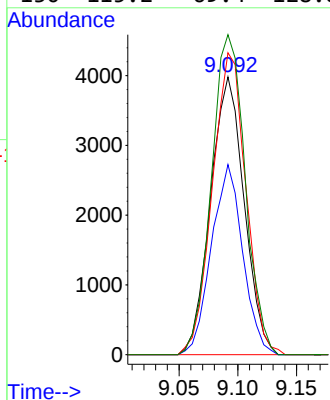
#34
Trichloroethene
Concen: 5.200 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 7931

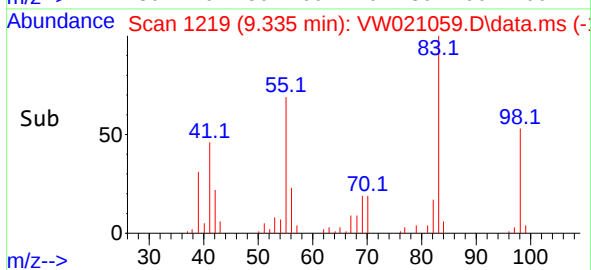
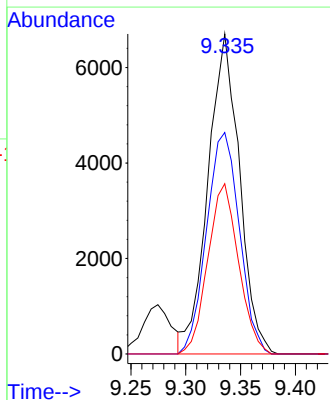
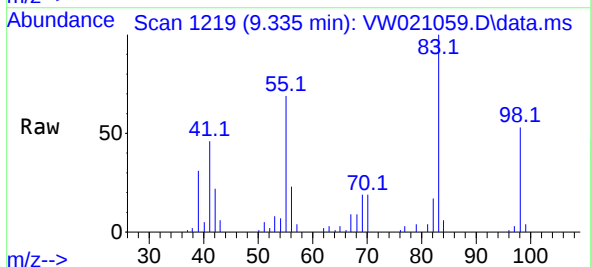
Ion	Ratio	Lower	Upper
95	100		
97	68.4	47.0	87.2
132	108.7	65.5	121.6
130	115.2	69.4	128.8

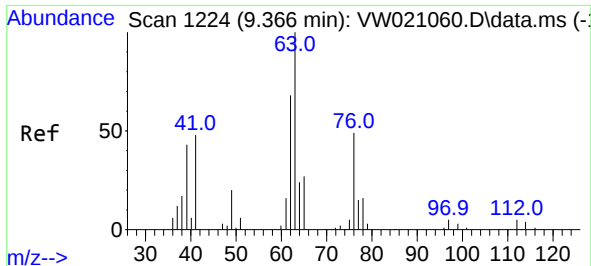


#35
Methylcyclohexane
Concen: 5.204 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 83 Resp: 13375

Ion	Ratio	Lower	Upper
83	100		
55	72.3	70.8	106.2
98	52.0	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.148 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

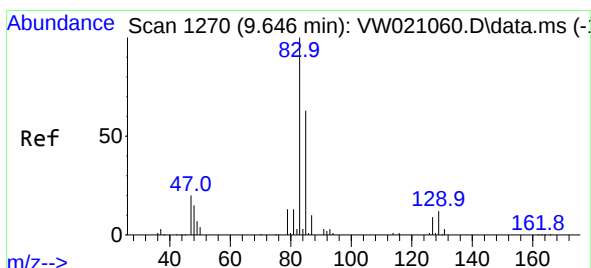
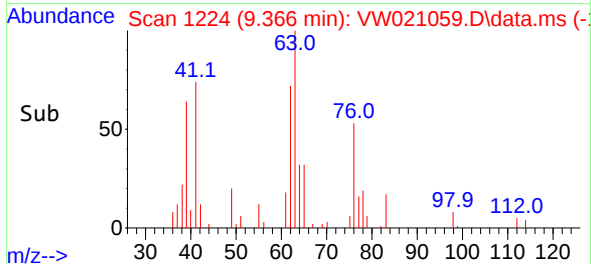
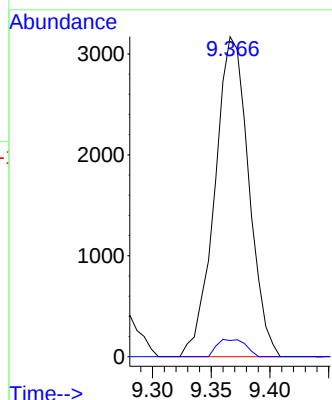
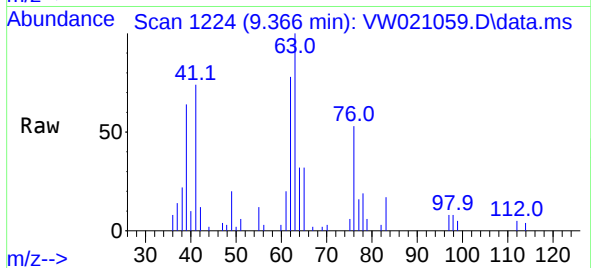
ClientSampleId :

Tgt Ion: 63 Resp: 6385

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 4.989 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

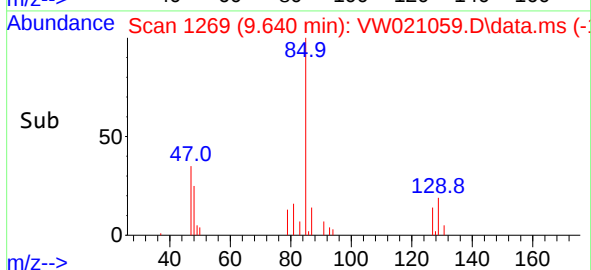
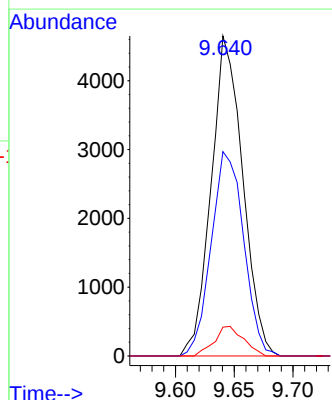
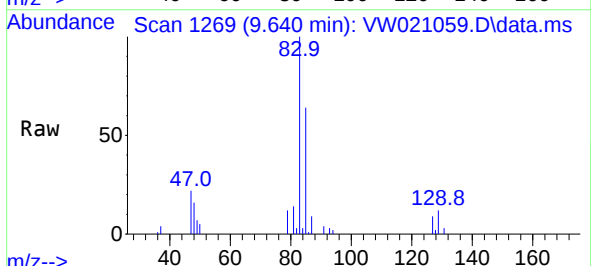
Tgt Ion: 83 Resp: 8695

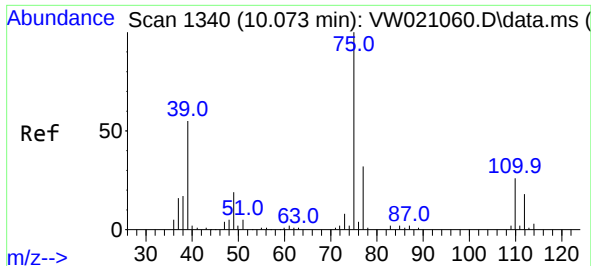
Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.930 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

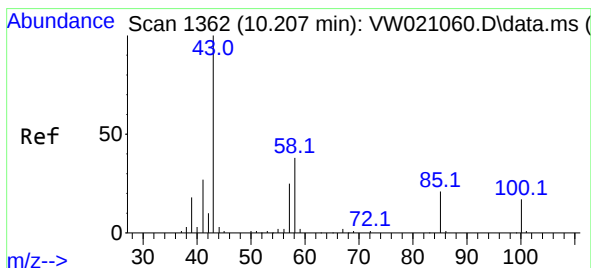
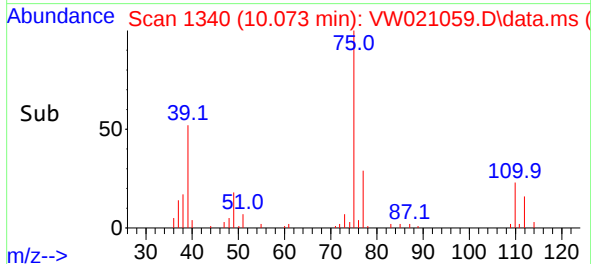
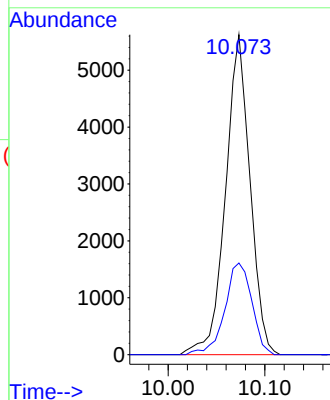
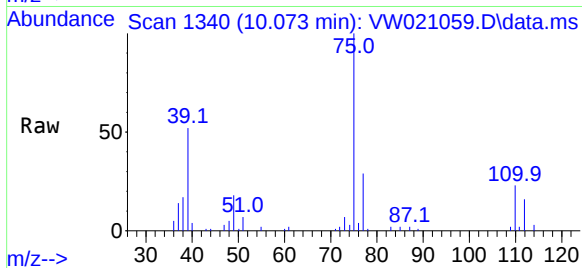
ClientSampleId :

Tgt Ion: 75 Resp: 9877

Ion Ratio Lower Upper

75 100

77 28.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 9.978 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

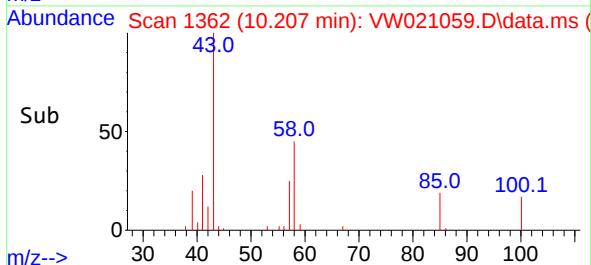
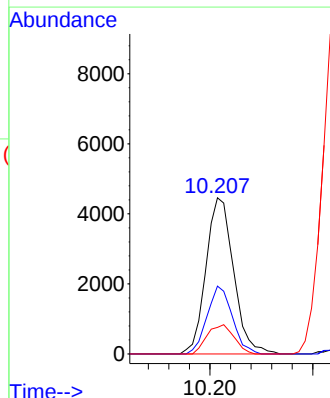
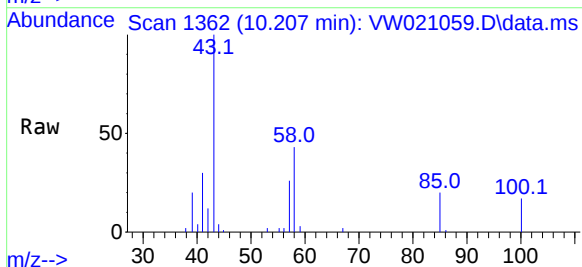
Tgt Ion: 43 Resp: 8331

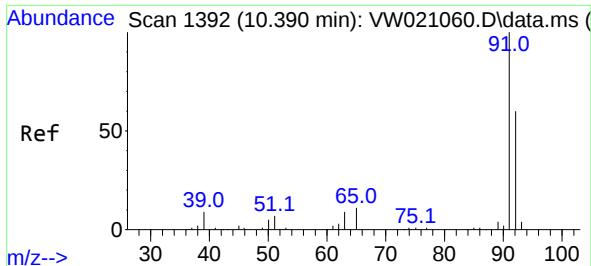
Ion Ratio Lower Upper

43 100

58 39.6 28.8 43.2

100 18.3 10.0 15.0#





#42

Toluene

Concen: 5.154 ug/L

RT: 10.390 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

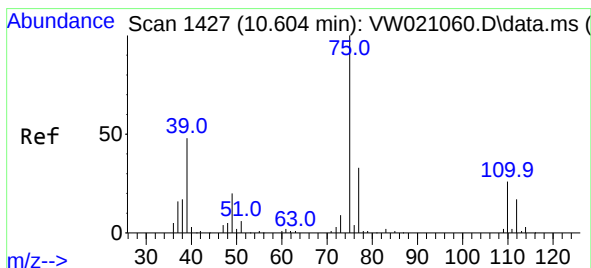
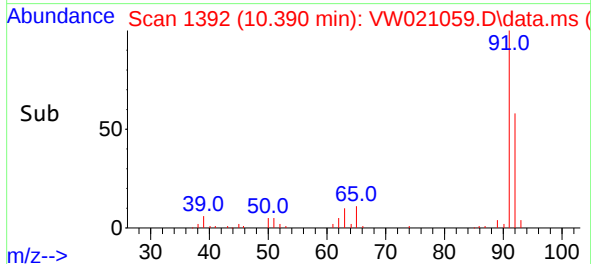
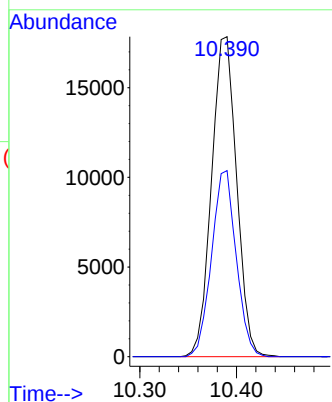
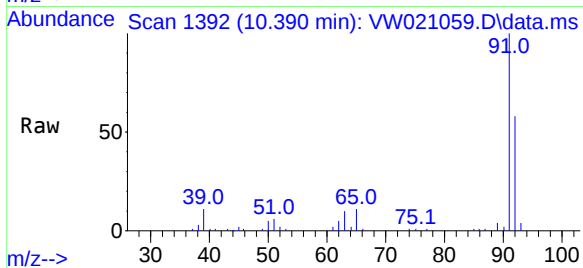
ClientSampleId :

Tgt Ion: 91 Resp: 32131

Ion Ratio Lower Upper

91 100

92 58.2 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 4.702 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021059.D

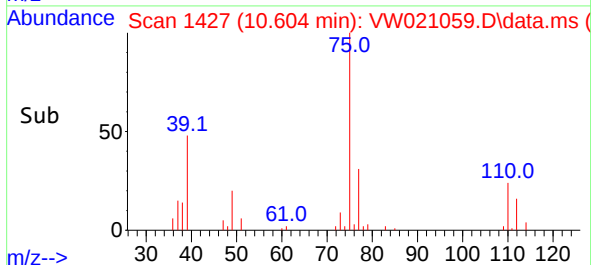
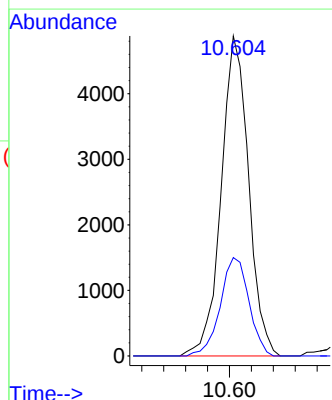
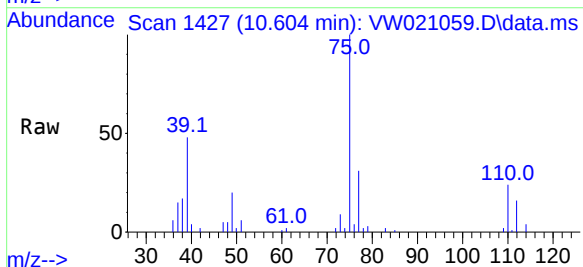
Acq: 03 Dec 2021 12:08

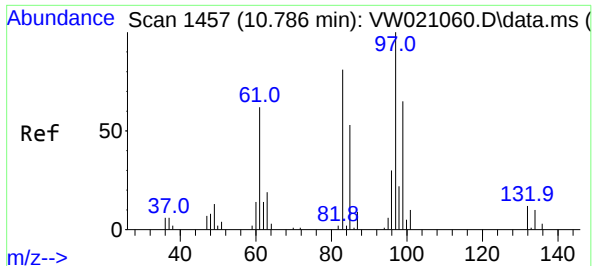
Tgt Ion: 75 Resp: 8460

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.039 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 5293

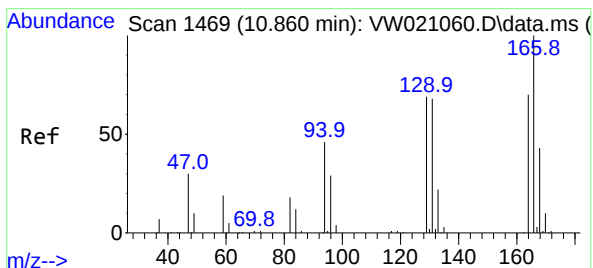
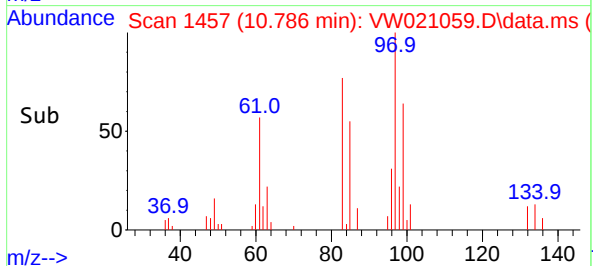
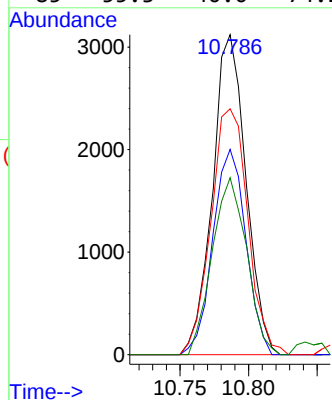
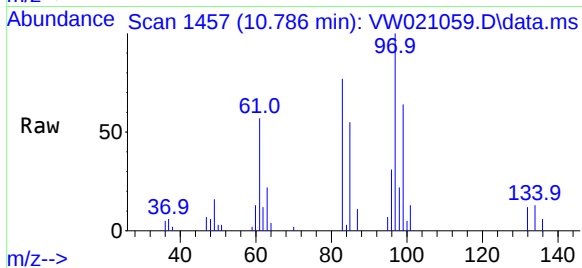
Ion Ratio Lower Upper

97 100

99 64.1 43.0 79.8

83 76.8 62.6 116.3

85 55.3 40.0 74.2



#46

Tetrachloroethene

Concen: 5.347 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Tgt Ion:164 Resp: 7524

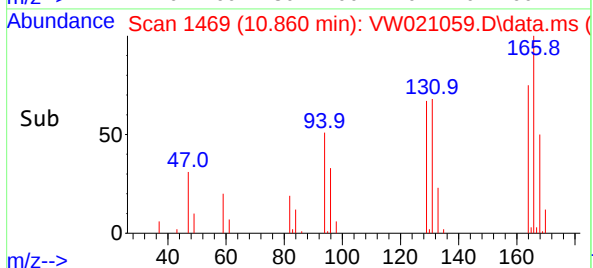
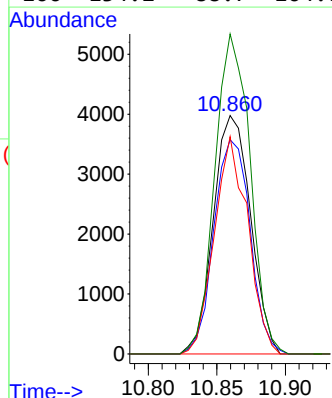
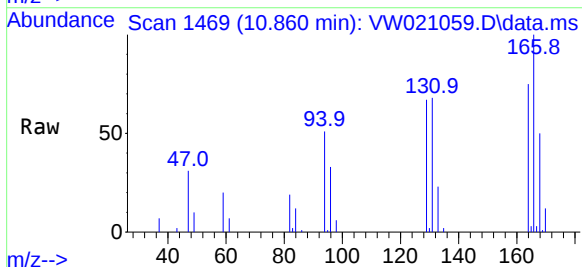
Ion Ratio Lower Upper

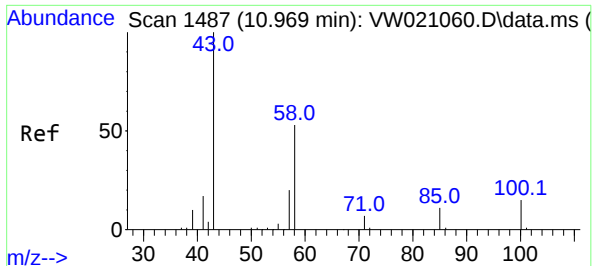
164 100

129 89.8 65.5 121.7

131 91.1 59.7 110.9

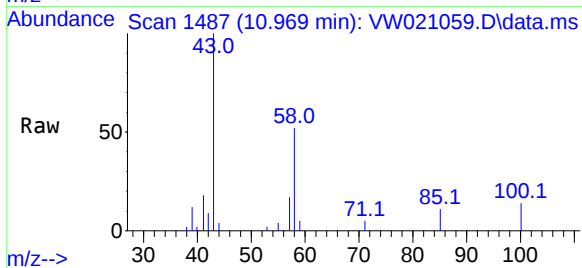
166 134.2 88.7 164.7



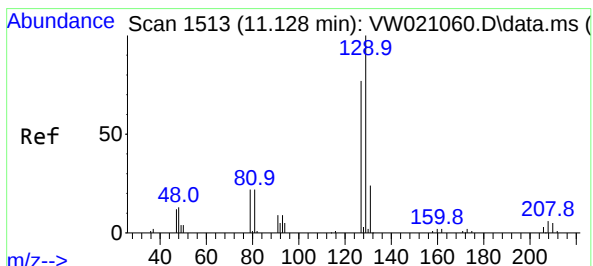
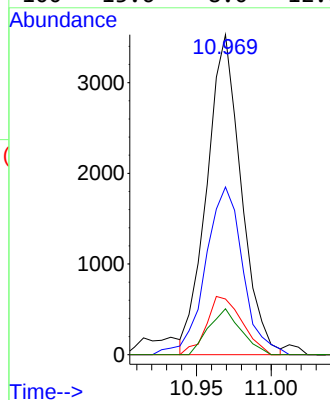
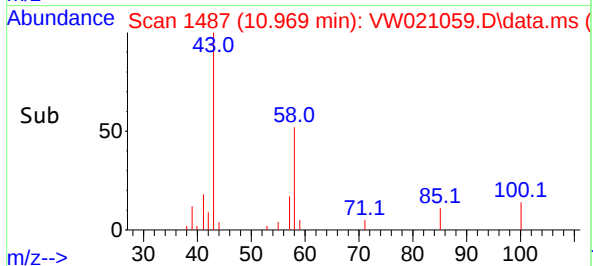


#48
2-Hexanone
Concen: 9.359 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Instrument :
MSVOA_W
ClientSampleId :

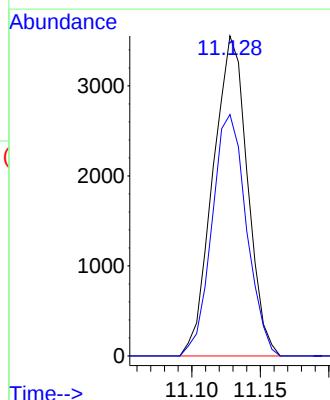
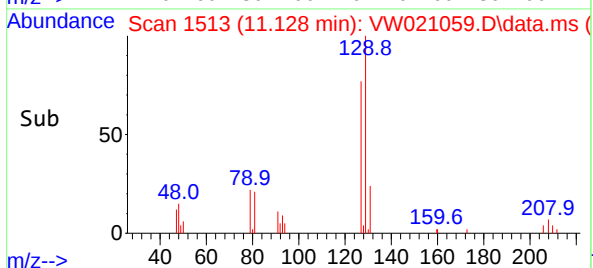
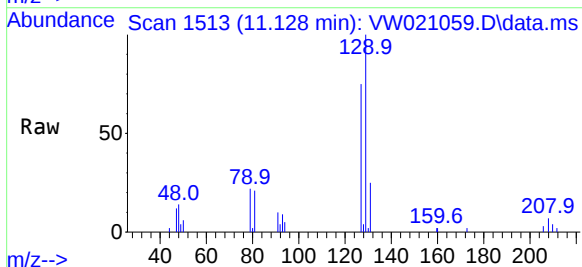


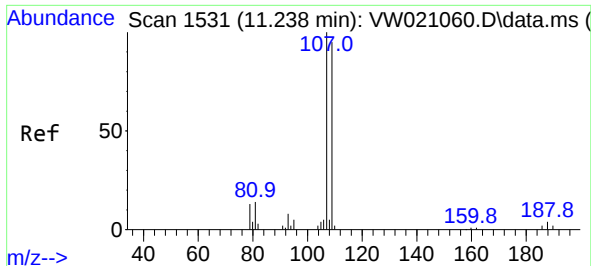
Tgt Ion: 43 Resp: 5631
Ion Ratio Lower Upper
43 100
58 57.0 40.2 60.2
57 18.8 14.3 21.5
100 13.6 8.0 12.0#



#49
Dibromochloromethane
Concen: 4.857 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 129 Resp: 6228
Ion Ratio Lower Upper
129 100
127 75.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.175 ug/L

RT: 11.238 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021059.D

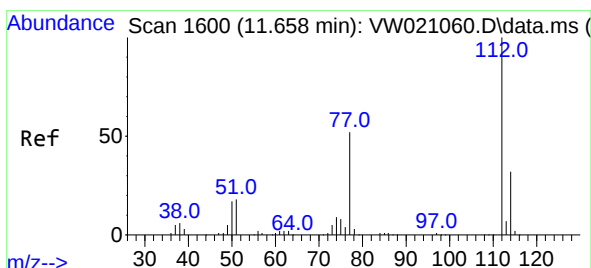
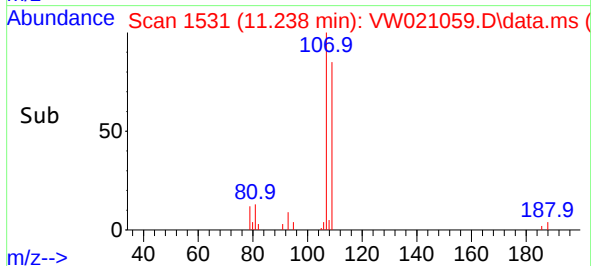
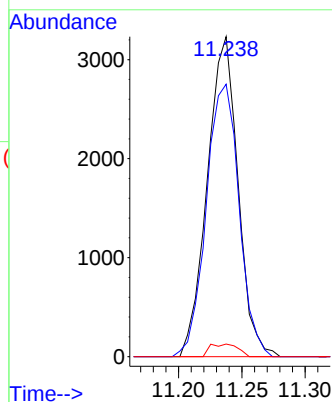
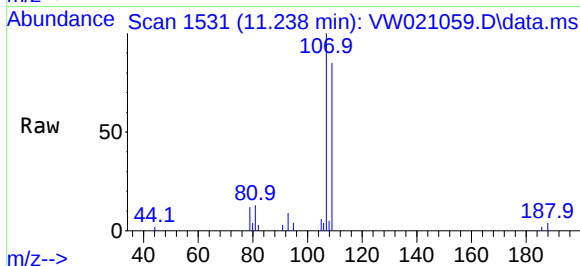
Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	5452
Ion	Ratio	Lower Upper
107	100	
109	85.1	64.1 119.1
188	4.0	2.6 3.8#



#51

Chlorobenzene

Concen: 5.140 ug/L

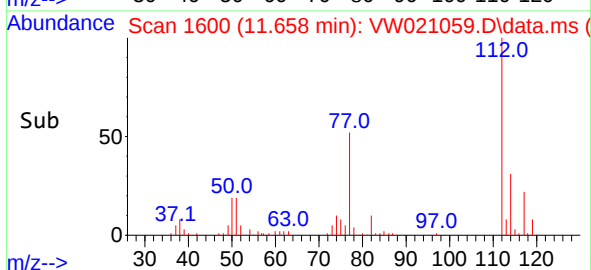
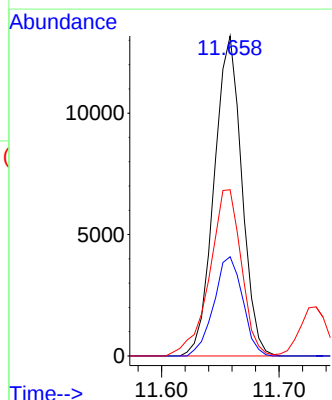
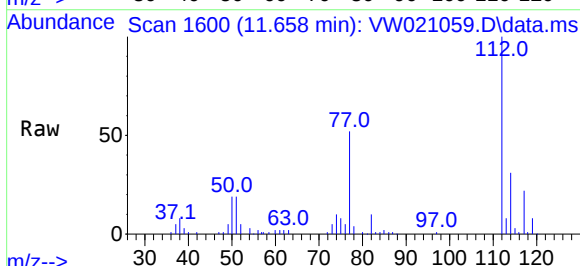
RT: 11.658 min Scan# 1600

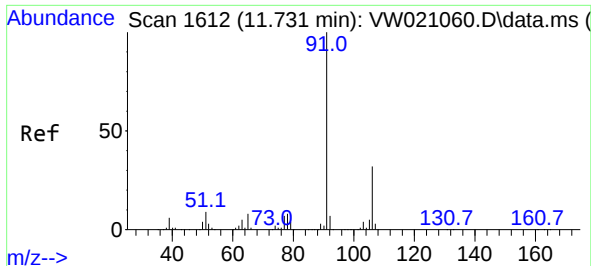
Delta R.T. 0.000 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Tgt Ion:112	Resp:	21574
Ion	Ratio	Lower Upper
112	100	
114	31.0	22.4 41.6
77	52.0	50.2 75.4

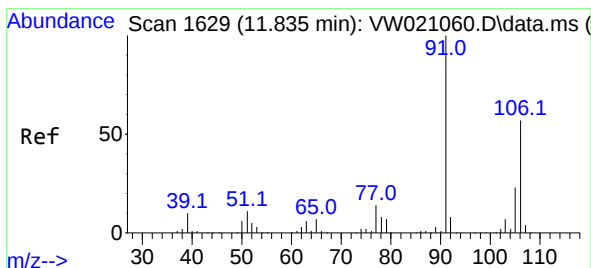
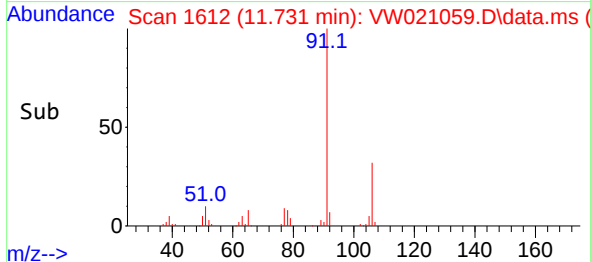
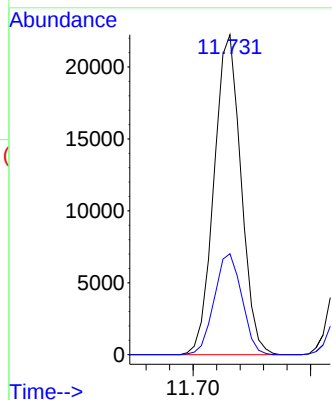
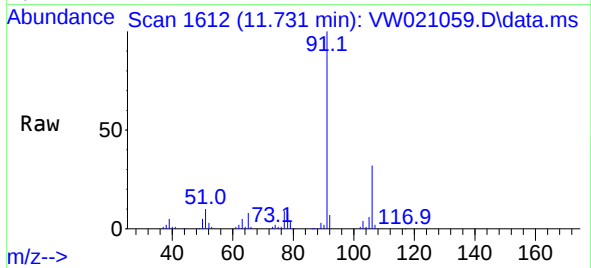




#52
Ethylbenzene
Concen: 5.030 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

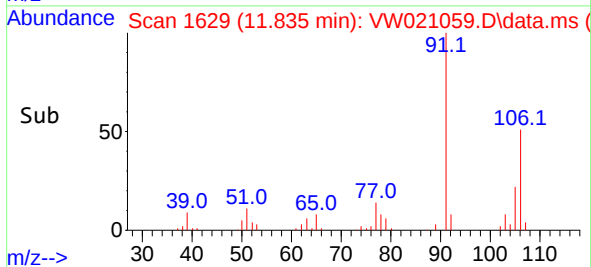
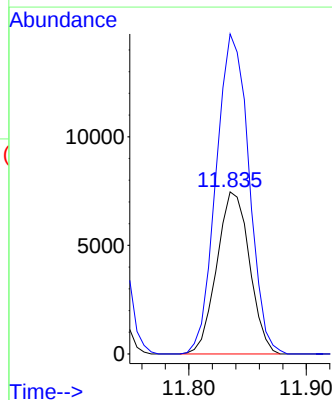
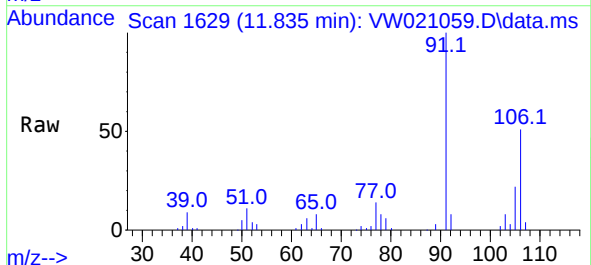
Instrument :
MSVOA_W
ClientSampleId :

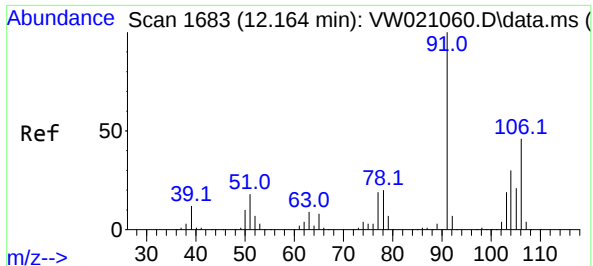
Tgt Ion: 91 Resp: 35521
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 4.927 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion:106 Resp: 14455
Ion Ratio Lower Upper
106 100
91 197.4 149.9 278.3

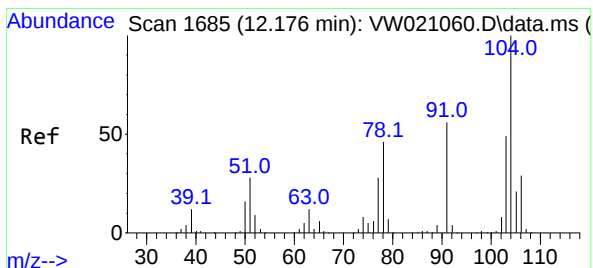
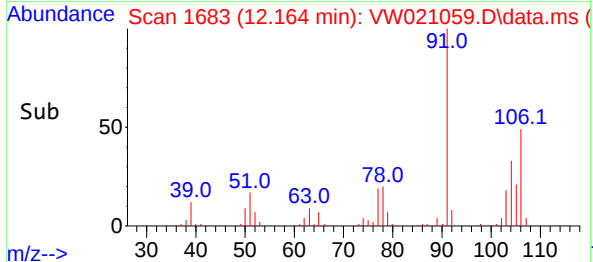
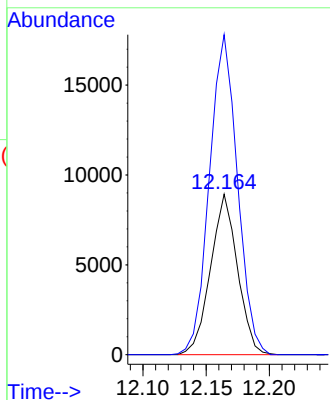
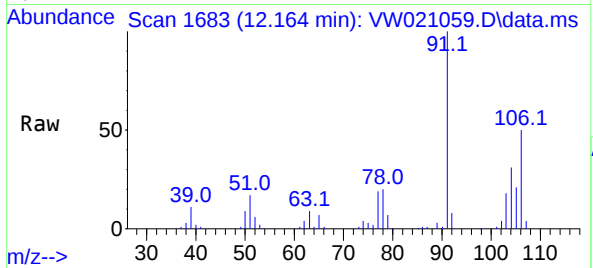




#54
o-Xylene
Concen: 4.855 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

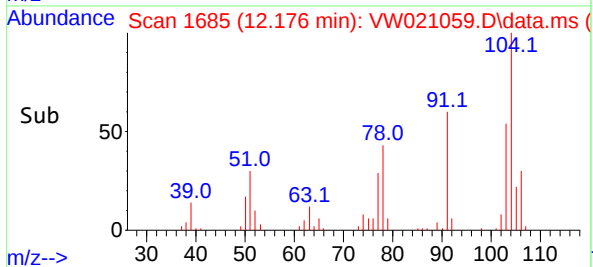
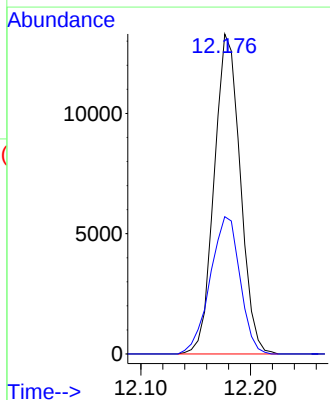
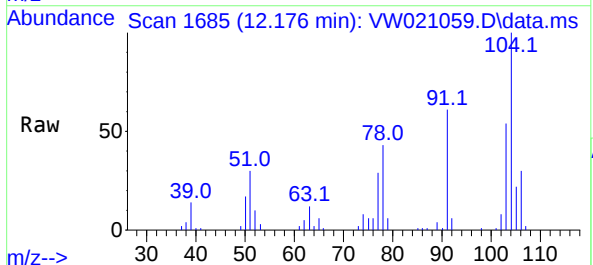
Instrument :
MSVOA_W
ClientSampleId :

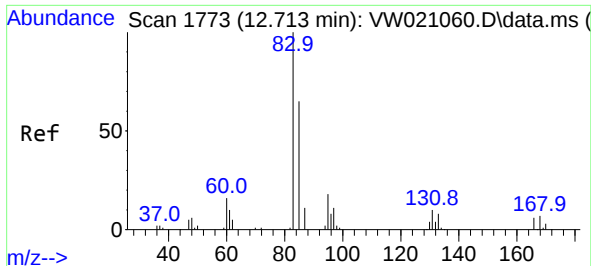
Tgt Ion:106 Resp: 13242
Ion Ratio Lower Upper
106 100
91 199.4 153.6 285.3



#55
Styrene
Concen: 4.682 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion:104 Resp: 21952
Ion Ratio Lower Upper
104 100
78 42.9 34.4 64.0

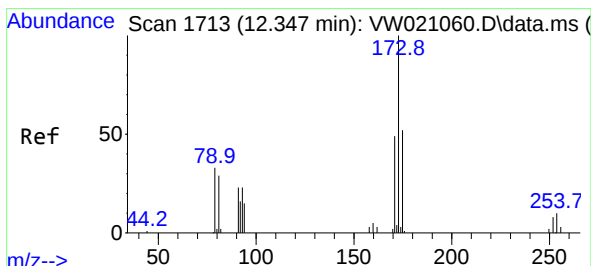
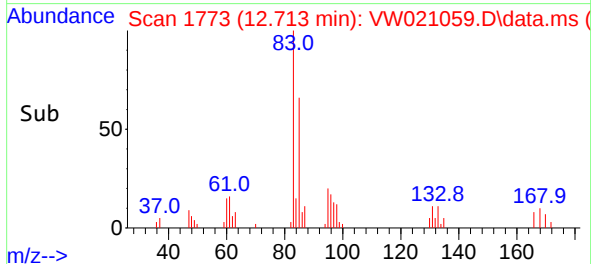
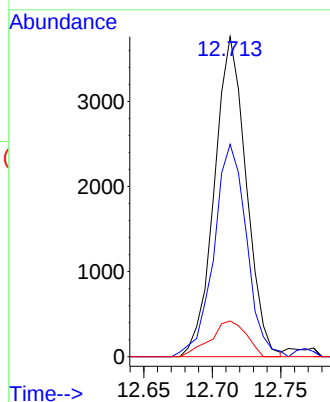
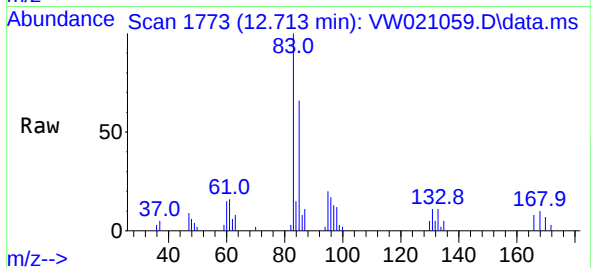




#57
1,1,2,2-Tetrachloroethane
Concen: 4.890 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

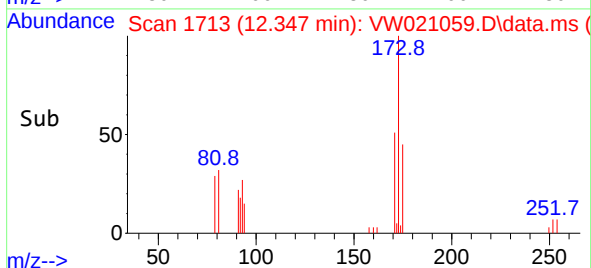
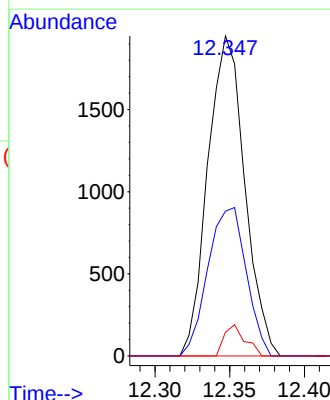
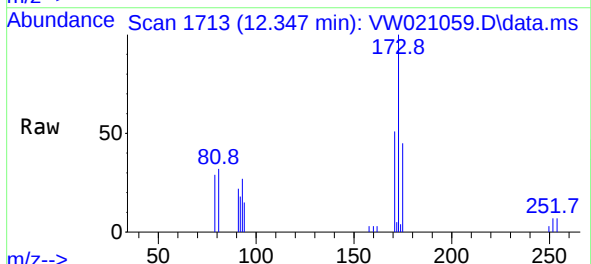
Instrument :
MSVOA_W
ClientSampleId :

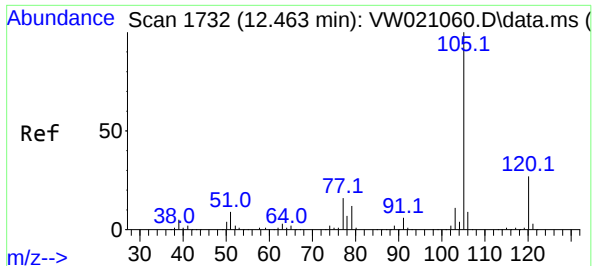
Tgt Ion: 83 Resp: 6081
Ion Ratio Lower Upper
83 100
85 66.4 44.0 81.6
131 11.1 6.9 10.3#



#59
Bromoform
Concen: 4.314 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion:173 Resp: 3343
Ion Ratio Lower Upper
173 100
175 48.2 39.6 59.4
254 5.5 7.4 11.0#

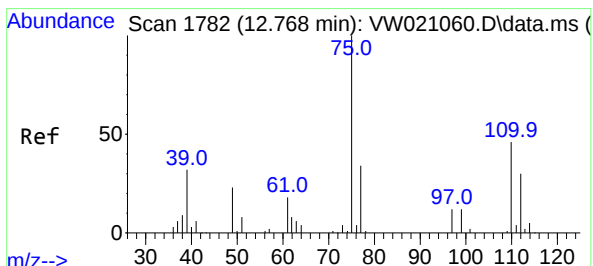
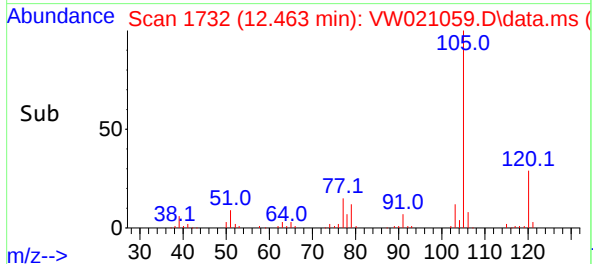
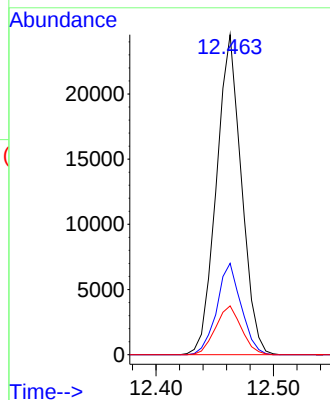
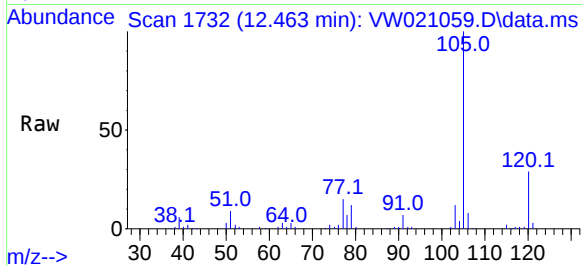




#60
Isopropylbenzene
Concen: 4.814 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

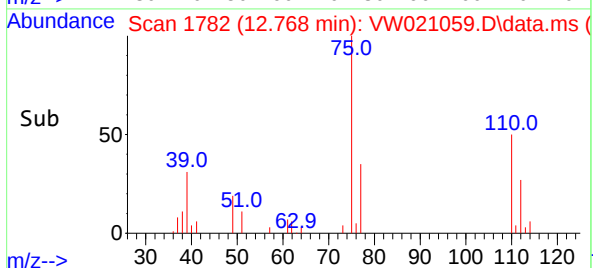
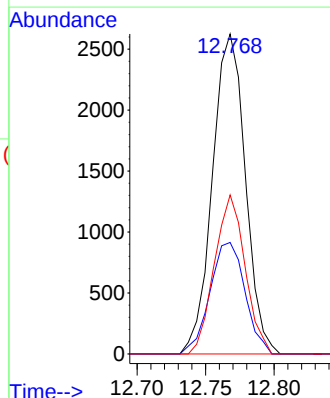
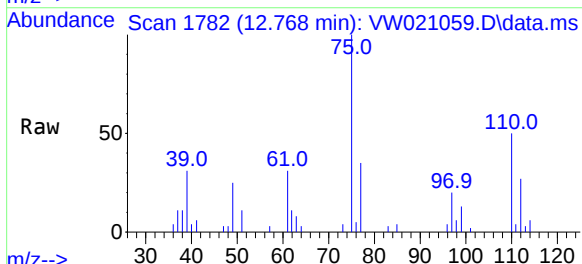
Instrument :
MSVOA_W
ClientSampleId :

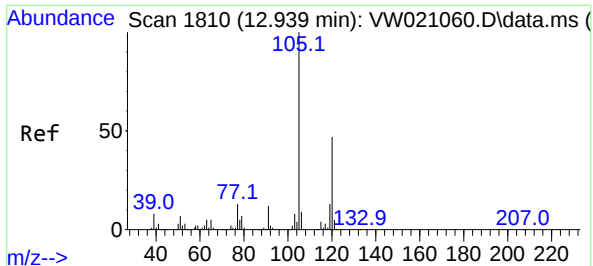
Tgt Ion:105 Resp: 36403
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 4.832 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 75 Resp: 4384
Ion Ratio Lower Upper
75 100
77 37.2 25.8 38.8
110 46.2 29.0 43.4#

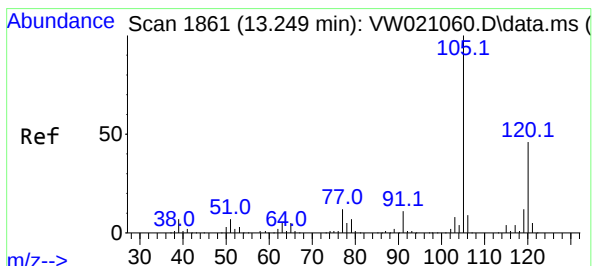
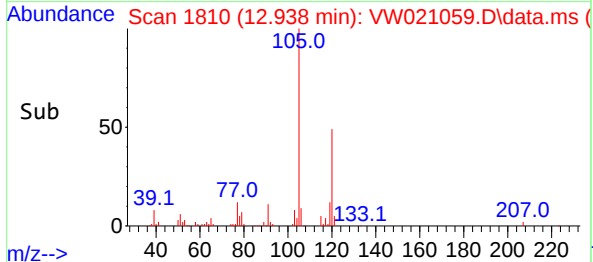
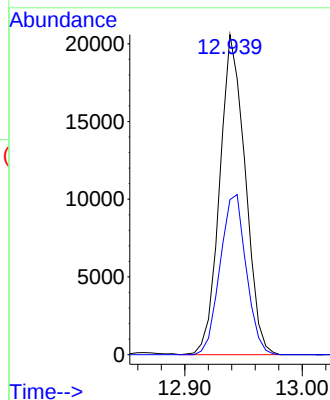
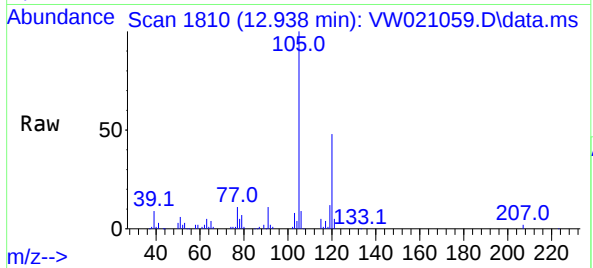




#62
1,3,5-Trimethylbenzene
Concen: 4.887 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

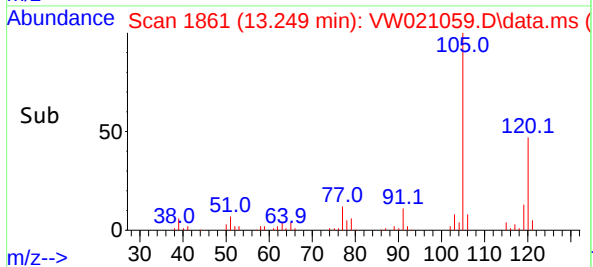
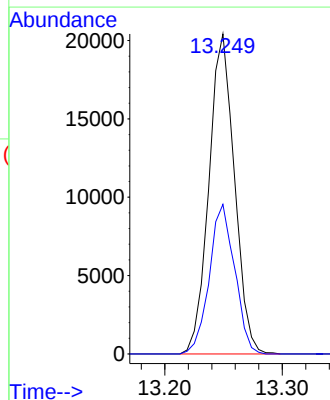
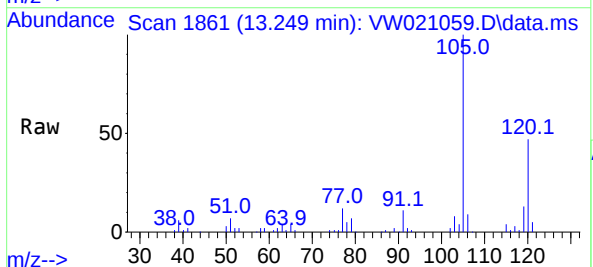
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 30977
Ion Ratio Lower Upper
105 100
120 51.3 37.4 56.2

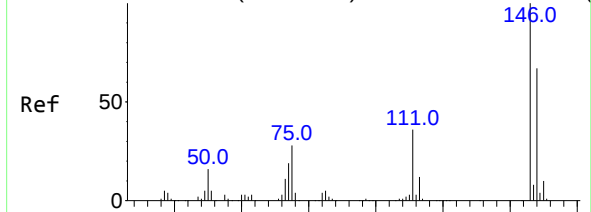


#63
1,2,4-Trimethylbenzene
Concen: 4.830 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion:105 Resp: 30853
Ion Ratio Lower Upper
105 100
120 46.4 35.0 52.6

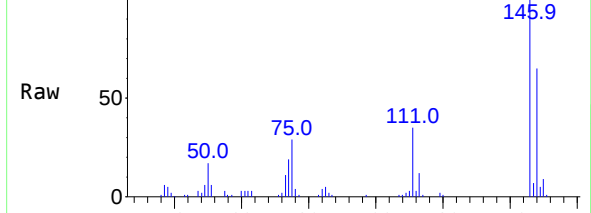


Abundance Scan 1902 (13.499 min): VW021060.D\data.ms (



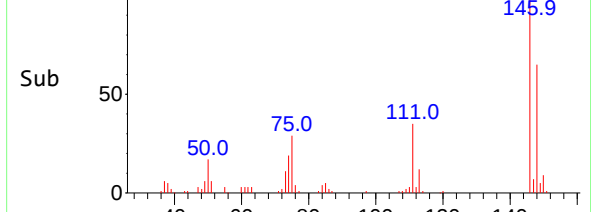
m/z-->

Abundance Scan 1901 (13.493 min): VW021059.D\data.ms



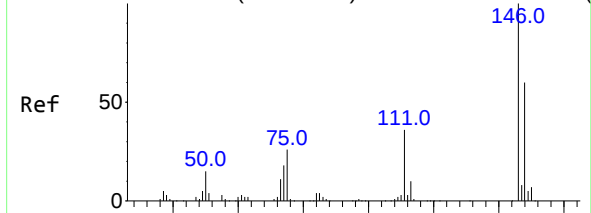
m/z-->

Abundance Scan 1901 (13.493 min): VW021059.D\data.ms (



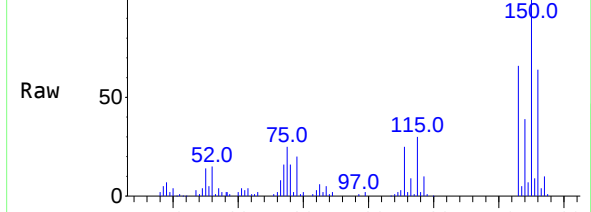
m/z-->

Abundance Scan 1915 (13.579 min): VW021060.D\data.ms (



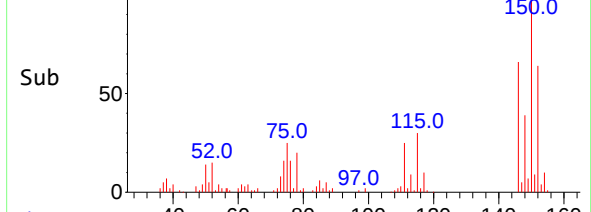
m/z-->

Abundance Scan 1914 (13.573 min): VW021059.D\data.ms



m/z-->

Abundance Scan 1914 (13.573 min): VW021059.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 5.101 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 18201

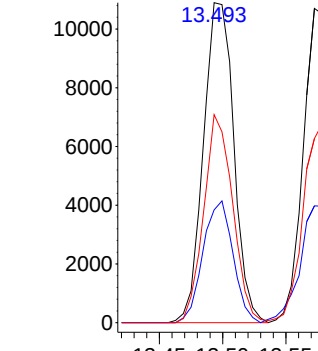
Ion Ratio Lower Upper

146 100

111 35.3 29.8 55.3

148 65.0 46.2 85.8

Abundance



Time-->

#65

1,4-Dichlorobenzene

Concen: 5.082 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Tgt Ion:146 Resp: 18095

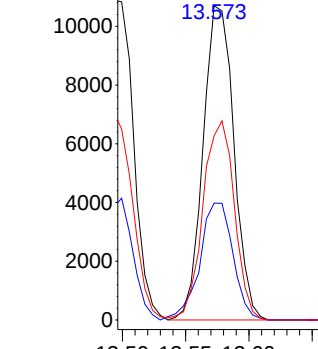
Ion Ratio Lower Upper

146 100

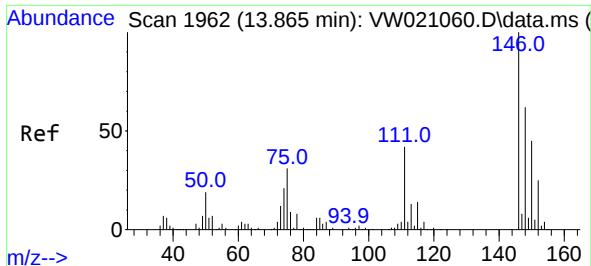
111 37.2 29.0 53.9

148 58.6 46.9 87.1

Abundance



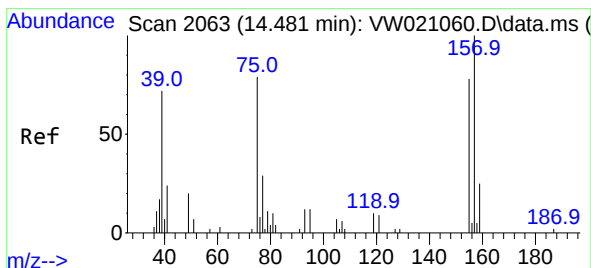
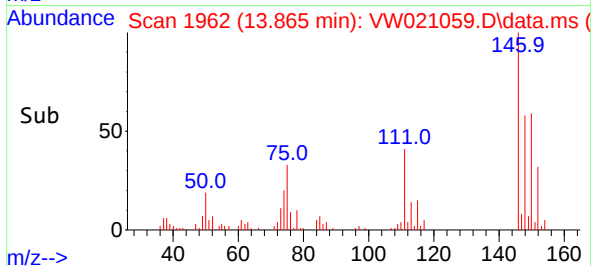
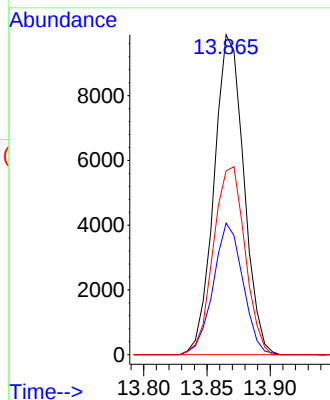
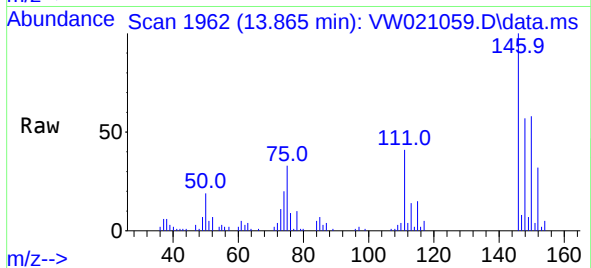
Time-->



#67
1,2-Dichlorobenzene
Concen: 5.100 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

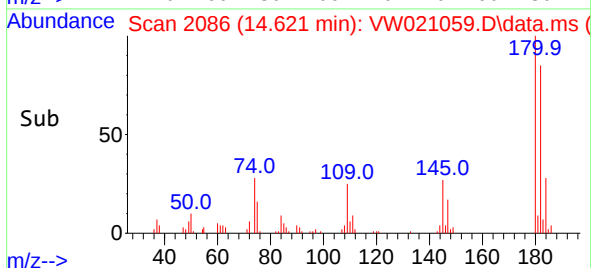
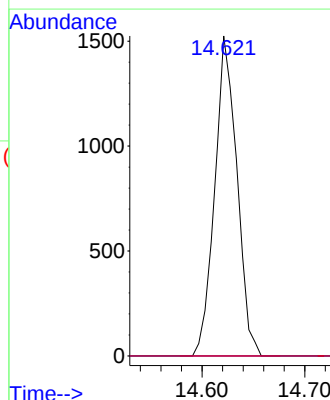
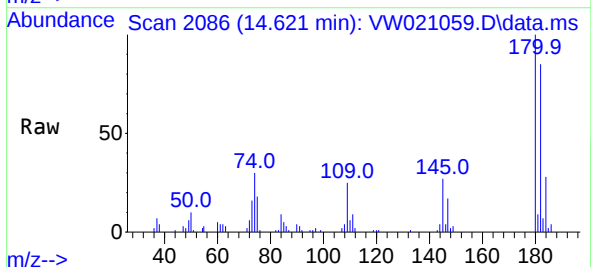
Instrument :
MSVOA_W
ClientSampleId :

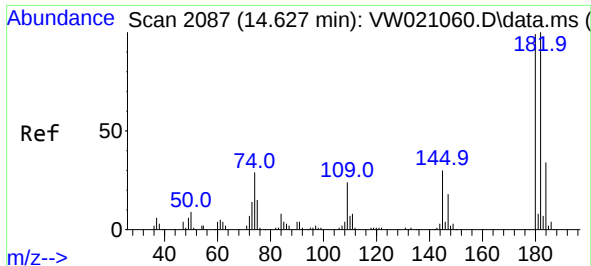
Tgt Ion:146 Resp: 16163
Ion Ratio Lower Upper
146 100
111 41.1 33.1 49.7
148 57.4 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 11.474 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

Tgt Ion: 75 Resp: 2279
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 5.255 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

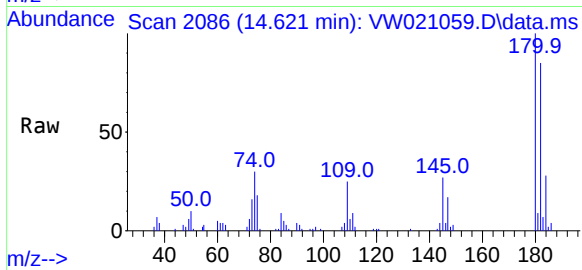
Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 13678

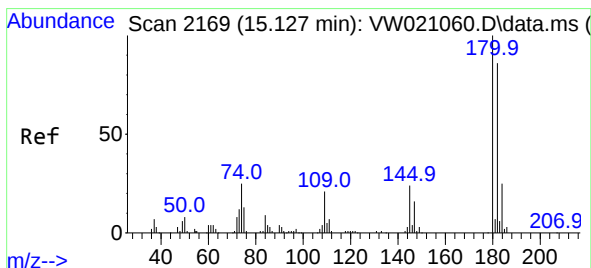
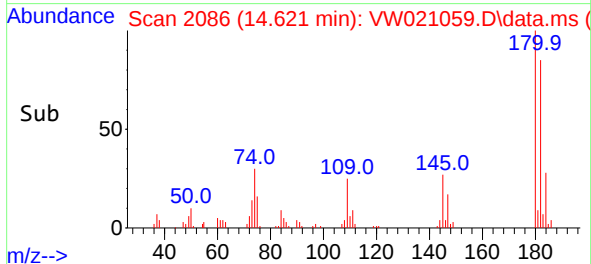
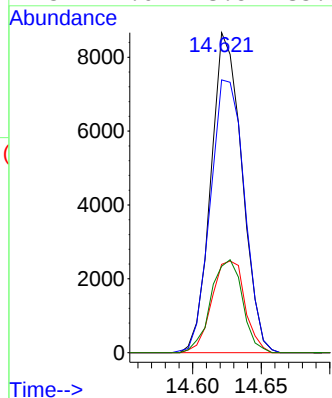
Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.0

184 30.5 23.8 35.8

145 29.6 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 4.976 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021059.D

Acq: 03 Dec 2021 12:08

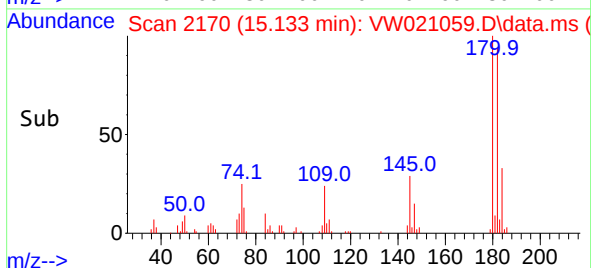
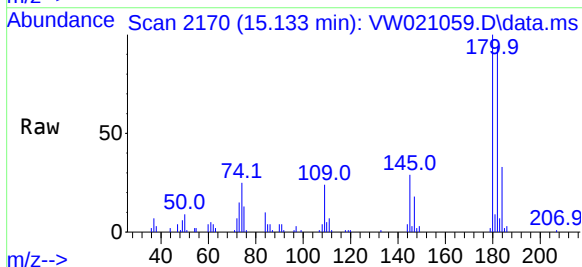
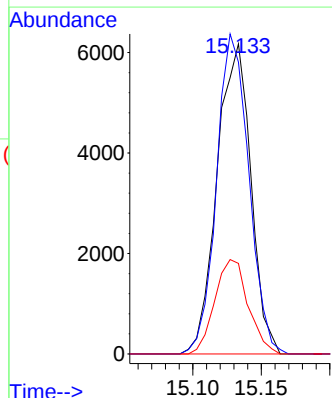
Tgt Ion:180 Resp: 10577

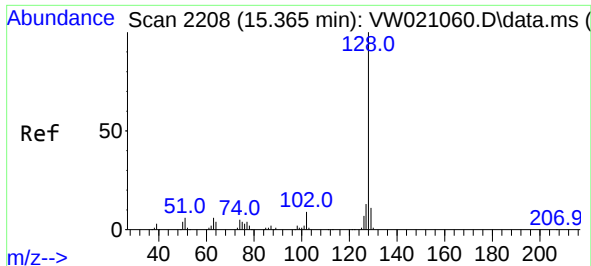
Ion Ratio Lower Upper

180 100

182 98.7 79.0 118.6

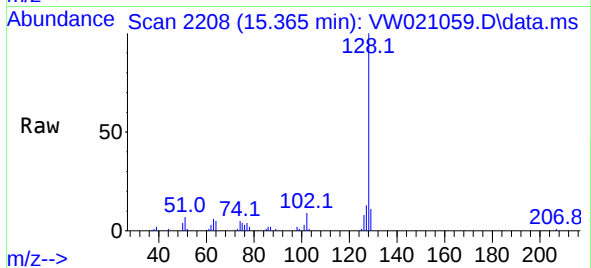
145 30.1 26.0 39.0



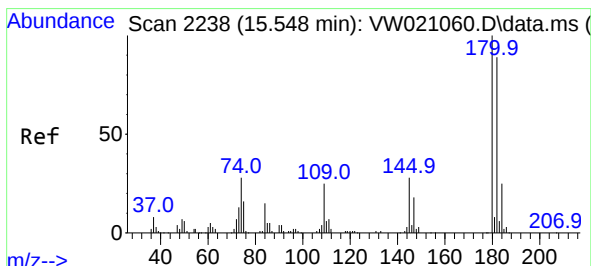
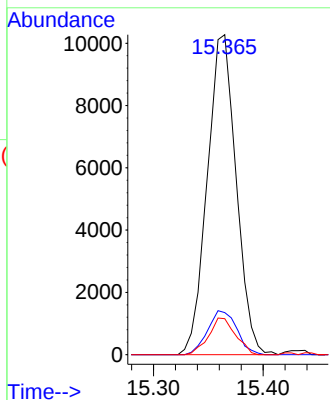
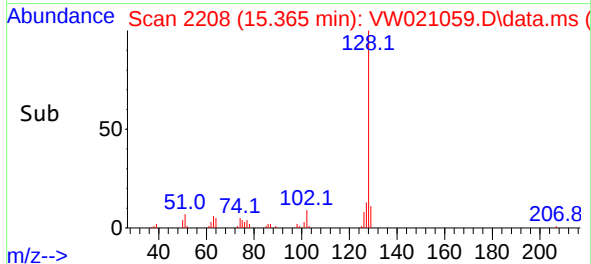


#71
Naphthalene
Concen: 4.722 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08

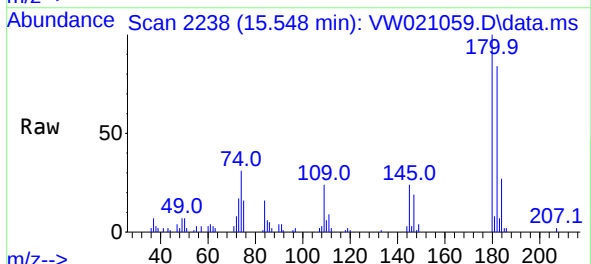
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128	Resp:	18857
Ion	Ratio	Lower Upper
128	100	
127	13.9	10.7 16.1
129	10.7	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.871 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW021059.D
Acq: 03 Dec 2021 12:08



Tgt Ion:180	Resp:	9139
Ion	Ratio	Lower Upper
180	100	
182	93.9	76.6 114.8
145	29.9	27.4 41.0

