

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020858.D
 Acq On : 12 Nov 2021 17:05
 Operator : SY/VA
 Sample : VW1112SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:09:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

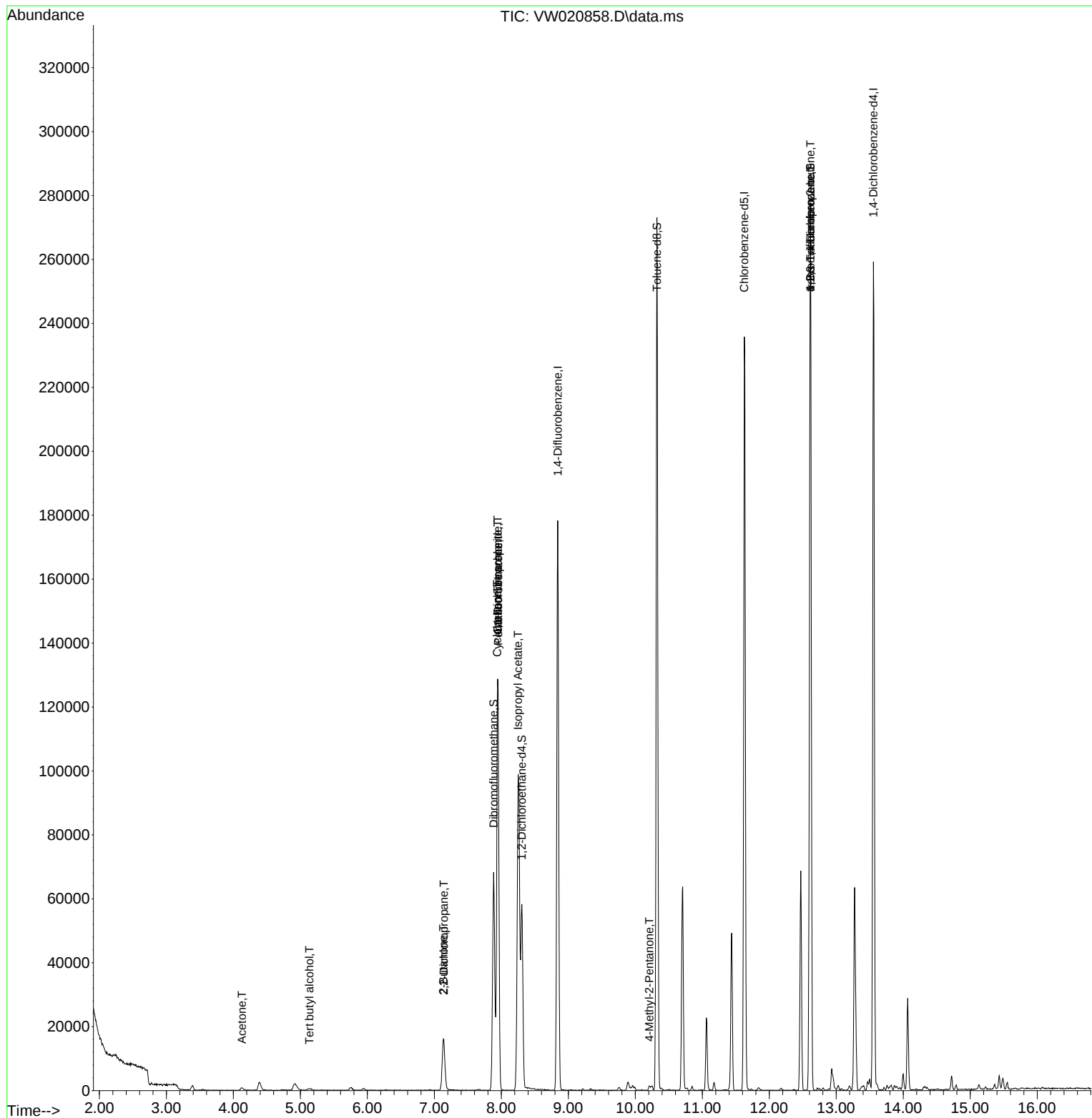
Internal Standards						
1) Pentafluorobenzene	7.952	168	103492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	150342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	132490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	69417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	44984	52.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.884	113	45530	54.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.323	98	174791	53.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.615	95	62354	52.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.770	94	210	Below Cal		96
11) Tert butyl alcohol	5.135	59	423	7.188 ug/l	#	84
16) Acetone	4.129	43	1828	12.160 ug/l		97
20) Methylene Chloride	4.915	84	1676	Below Cal		95
25) 2-Butanone	7.135	43	1176	4.113 ug/l	#	48
26) 2,2-Dichloropropane	7.141	77	1226	1.283 ug/l	#	53
31) Cyclohexane	7.939	56	2184	1.423 ug/l	#	37
36) 1,1-Dichloropropene	7.945	75	7108	5.720 ug/l	#	50
38) Carbon Tetrachloride	7.945	117	9466	7.272 ug/l	#	17
43) Isopropyl Acetate	8.250	43	2354	2.064 ug/l	#	28
51) 4-Methyl-2-Pentanone	10.207	43	1279	2.111 ug/l	#	77
76) 1,2,3-Trichloropropane	12.615	75	33834	63.391 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.615	75	33834	124.780 ug/l	#	8

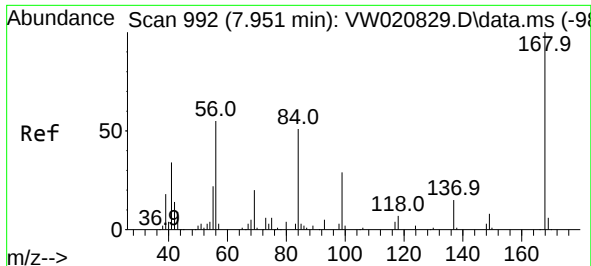
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

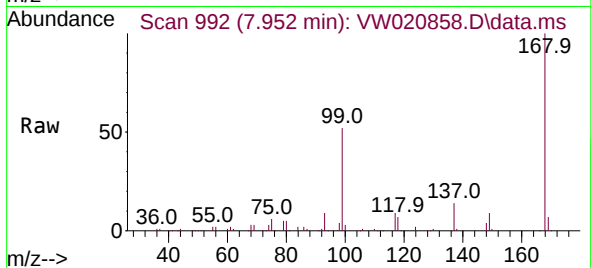
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



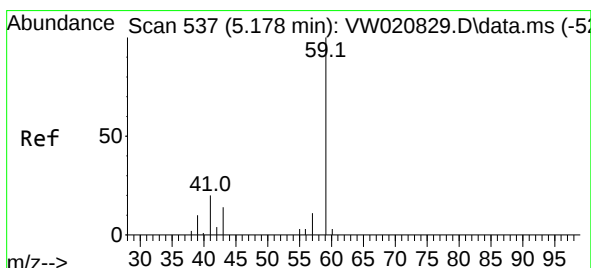
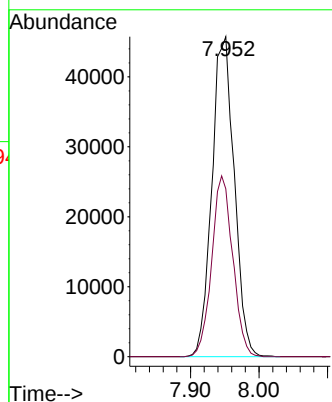
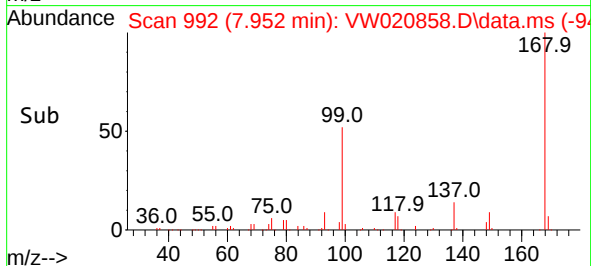


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

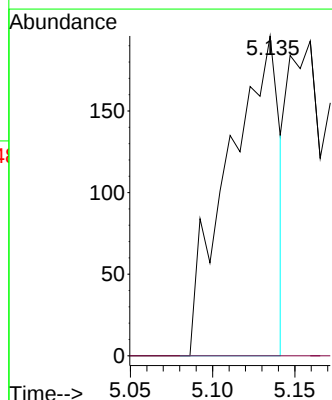
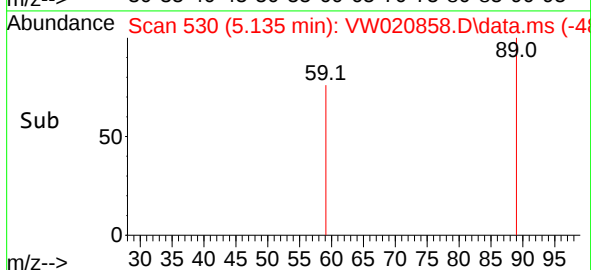
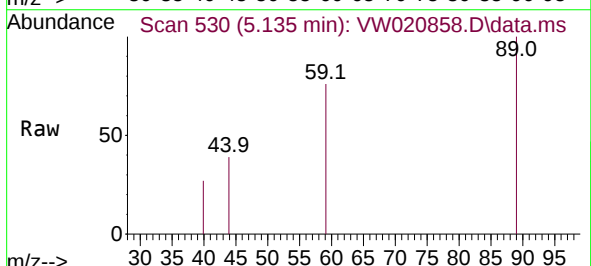


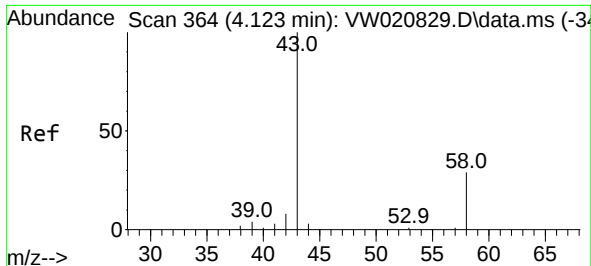
Tgt Ion:168 Resp: 103492
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.0



#11
Tert butyl alcohol
Concen: 7.188 ug/l
RT: 5.135 min Scan# 530
Delta R.T. -0.043 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Tgt Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

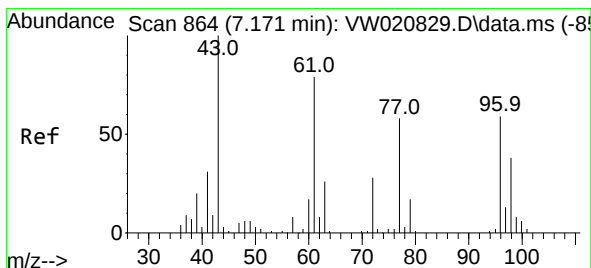
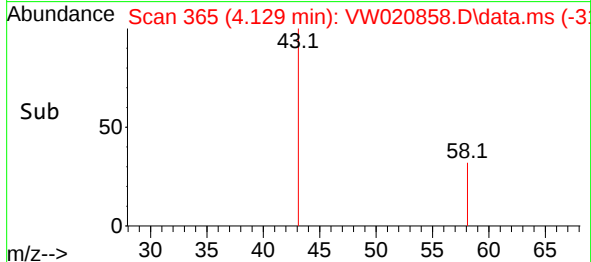
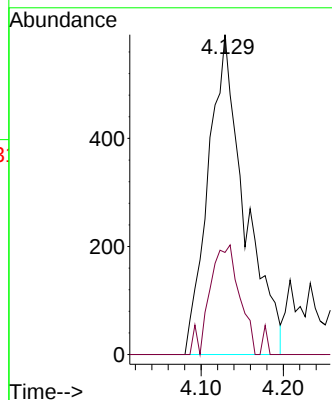
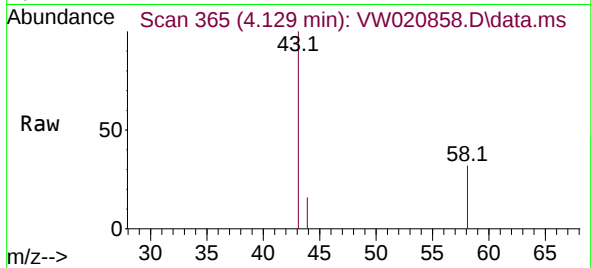




#16
Acetone
Concen: 12.160 ug/l
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

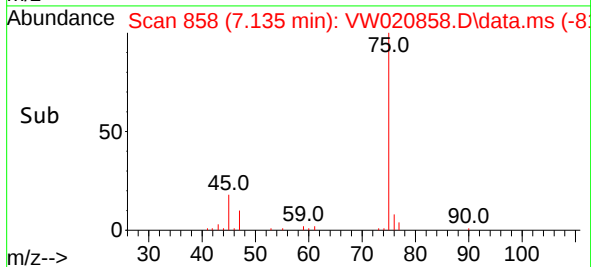
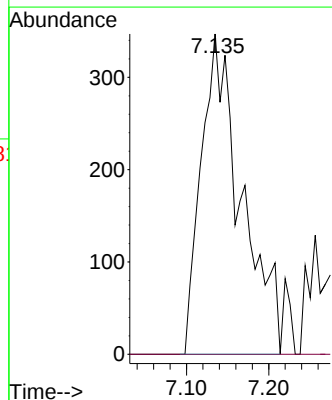
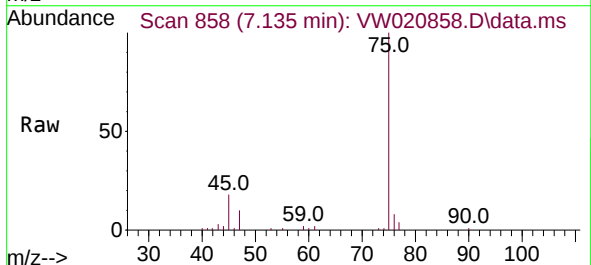
Instrument :
MSVOA_W
ClientSampleId :

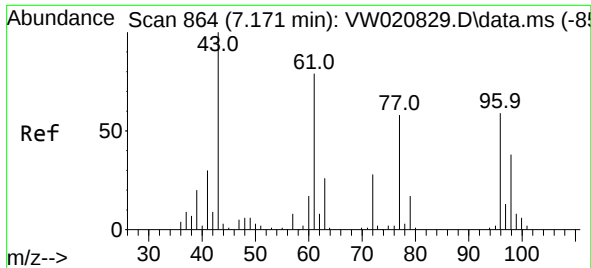
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.2



#25
2-Butanone
Concen: 4.113 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.037 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#

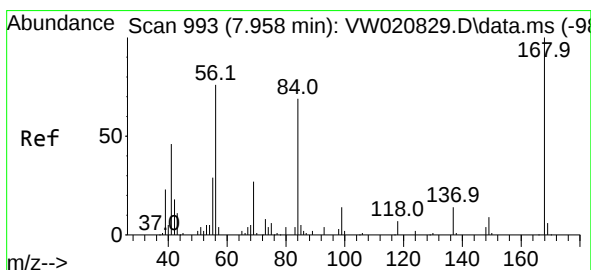
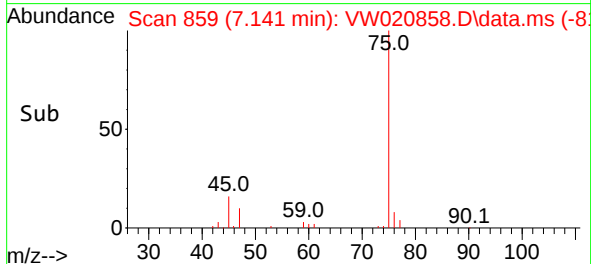
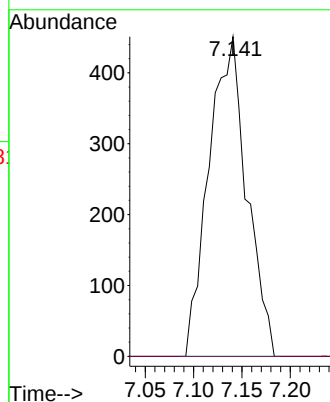
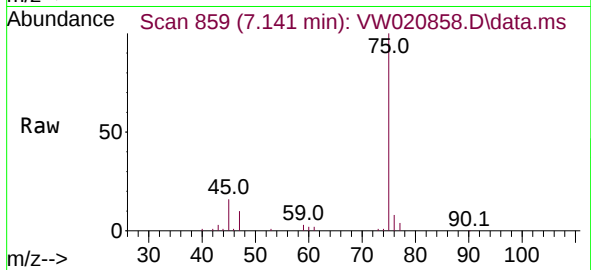




#26
2,2-Dichloropropane
Concen: 1.283 ug/l
RT: 7.141 min Scan# 81
Delta R.T. -0.030 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

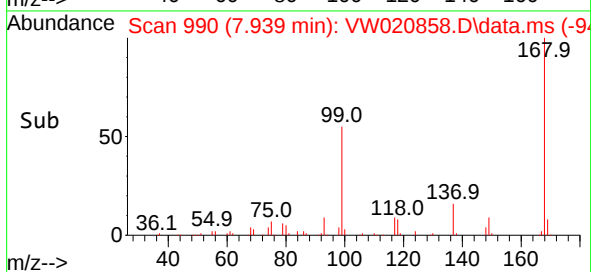
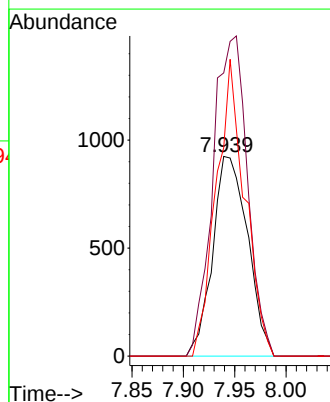
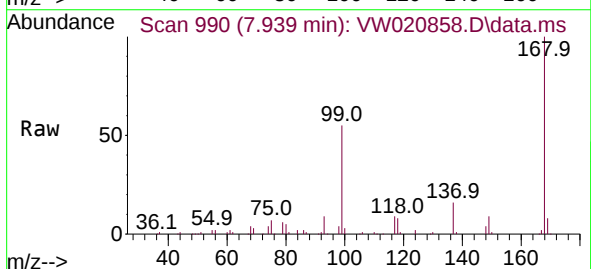
Instrument :
MSVOA_W
ClientSampleId :

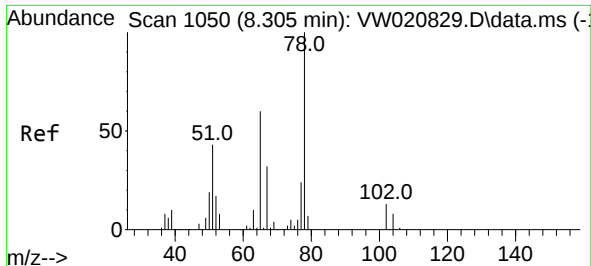
Tgt Ion: 77 Resp: 1226
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.018 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Tgt Ion: 56 Resp: 2184
Ion Ratio Lower Upper
56 100
69 141.9 27.2 40.8#
84 104.3 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 52.561 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW020858.D

Acq: 12 Nov 2021 17:05

Instrument :

MSVOA_W

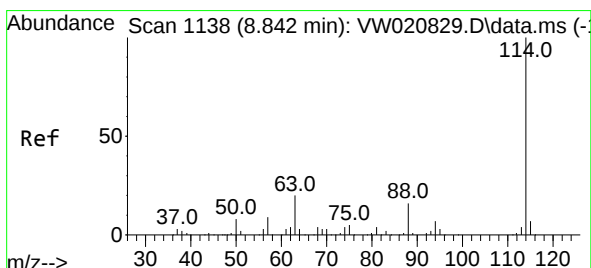
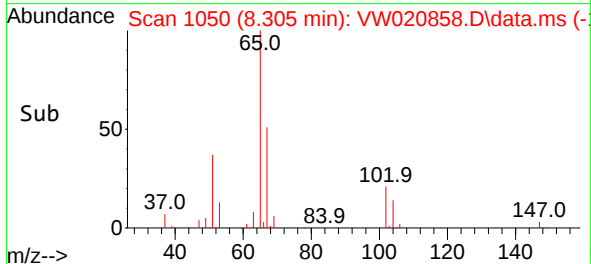
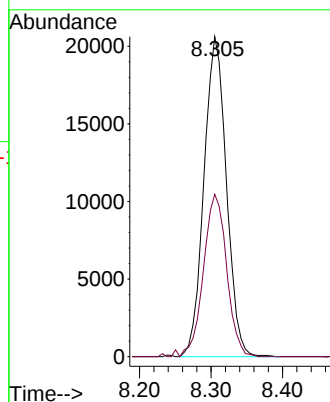
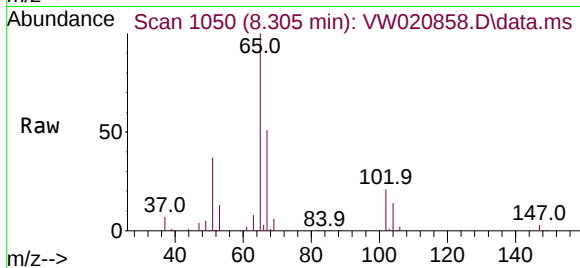
ClientSampleId :

Tgt Ion: 65 Resp: 44984

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020858.D

Acq: 12 Nov 2021 17:05

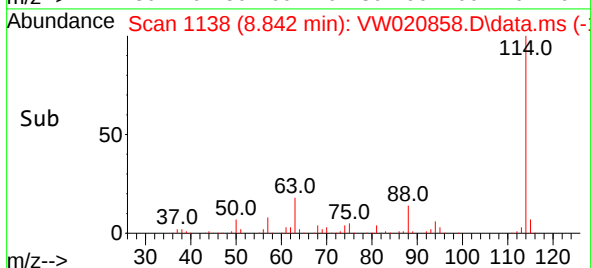
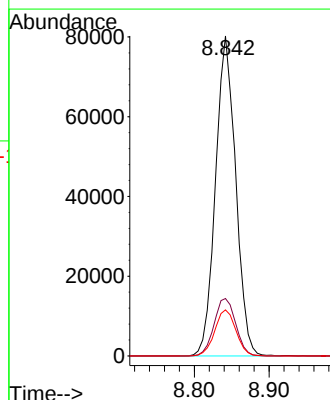
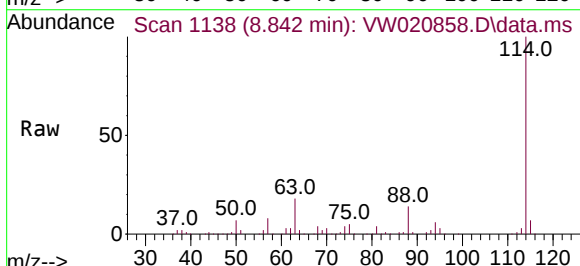
Tgt Ion: 114 Resp: 150342

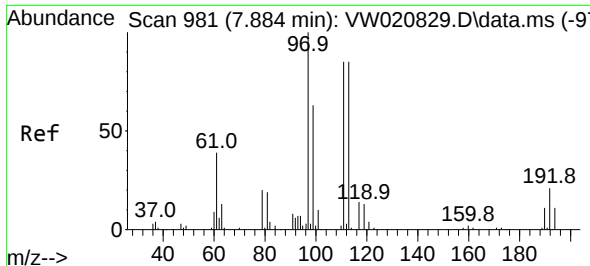
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.8

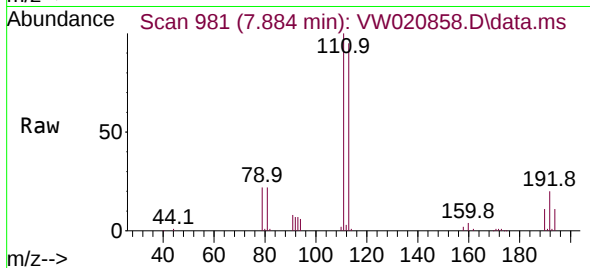
88 14.4 0.0 33.0



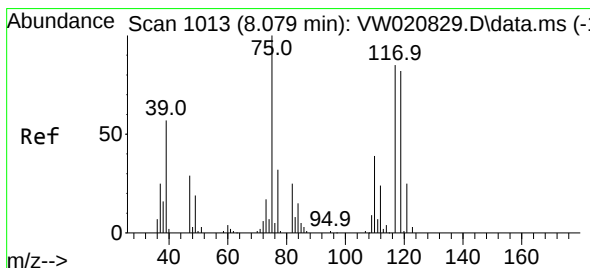
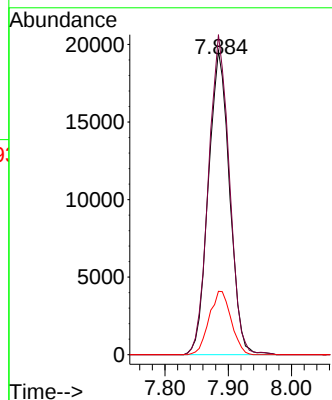
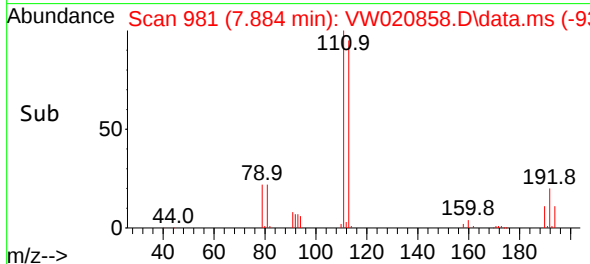


#35
Dibromofluoromethane
Concen: 54.170 ug/l
RT: 7.884 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

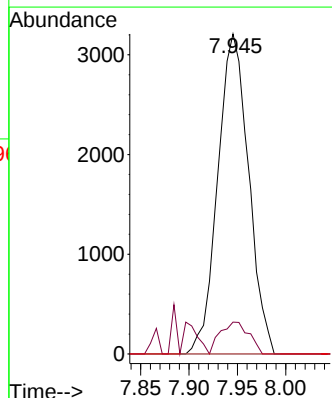
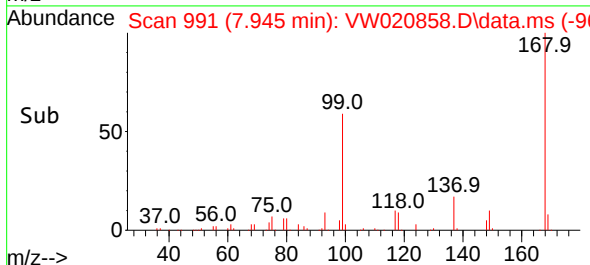
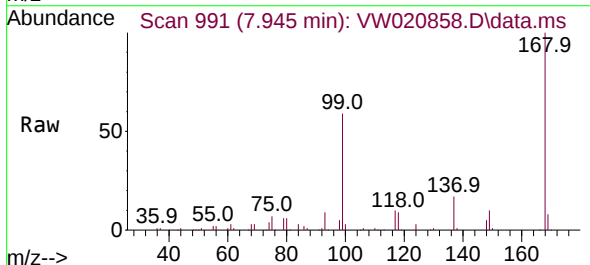


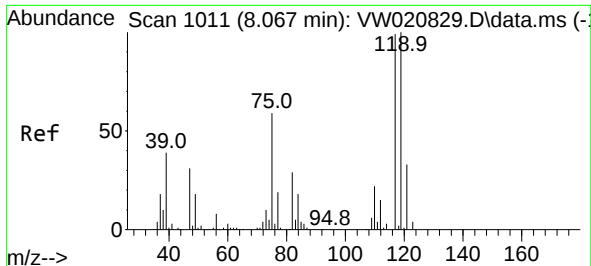
Tgt Ion:113 Resp: 45530
Ion Ratio Lower Upper
113 100
111 104.1 82.1 123.1
192 21.6 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.720 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

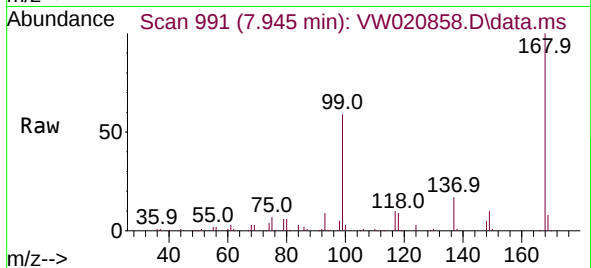
Tgt Ion: 75 Resp: 7108
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.3#
77 0.0 24.9 37.3#



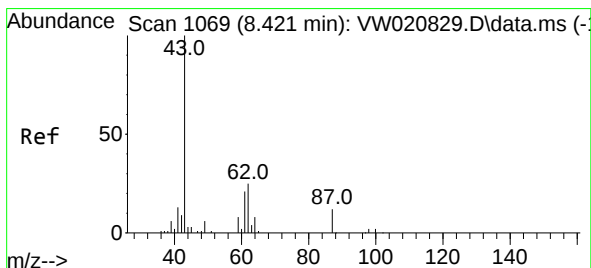
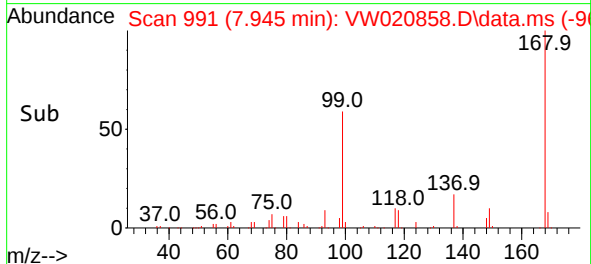
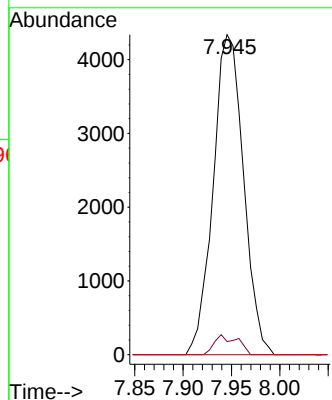


#38
Carbon Tetrachloride
Concen: 7.272 ug/l
RT: 7.945 min Scan# 91
Delta R.T. -0.122 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

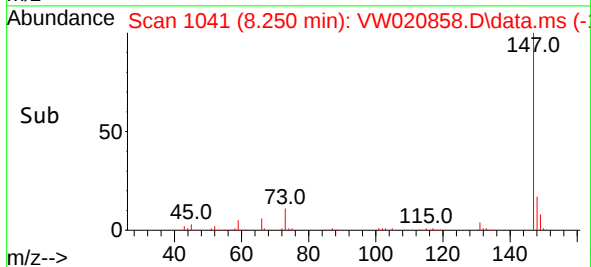
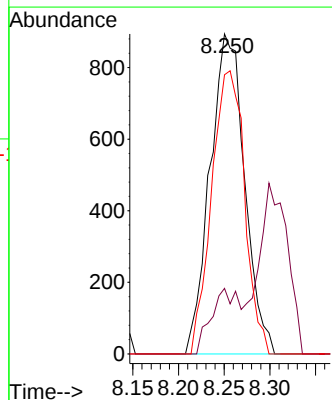
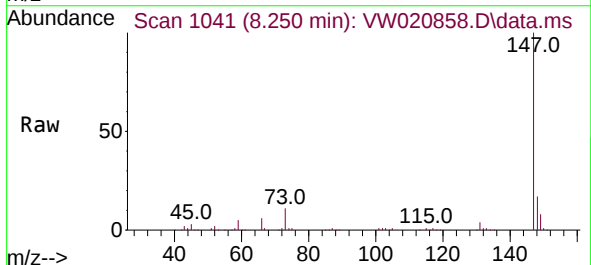


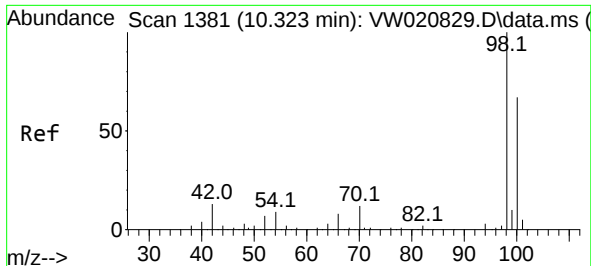
Tgt Ion:117 Resp: 9466
Ion Ratio Lower Upper
117 100
119 4.1 72.9 109.3#
121 0.0 23.4 35.0#



#43
Isopropyl Acetate
Concen: 2.064 ug/l
RT: 8.250 min Scan# 1041
Delta R.T. -0.171 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
61 16.3 23.3 34.9#
87 84.2 10.4 15.6#

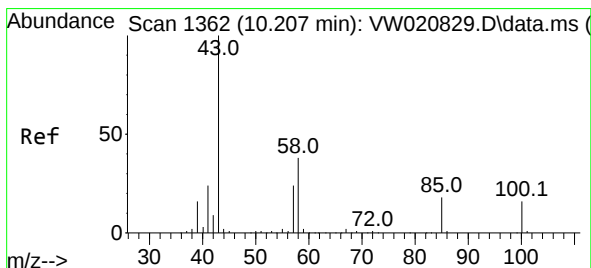
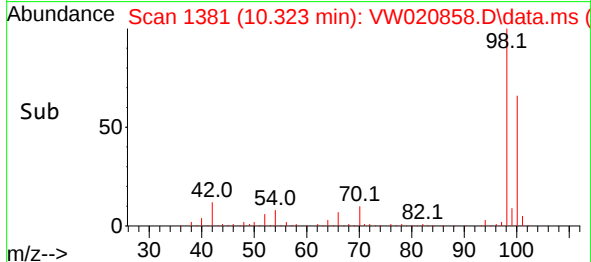
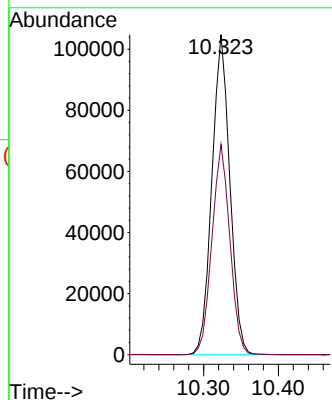
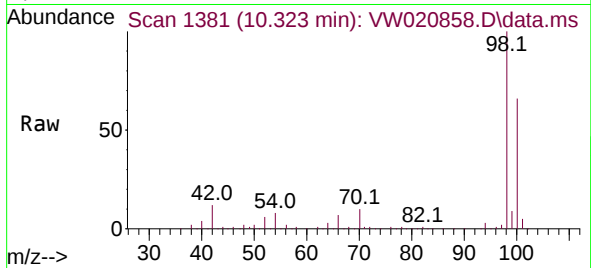




#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

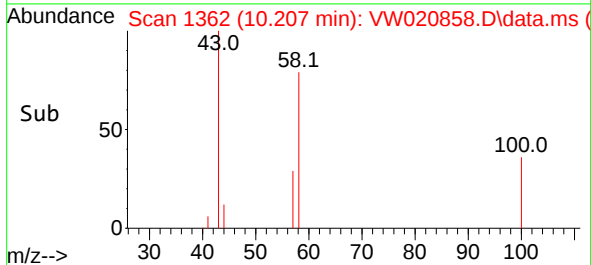
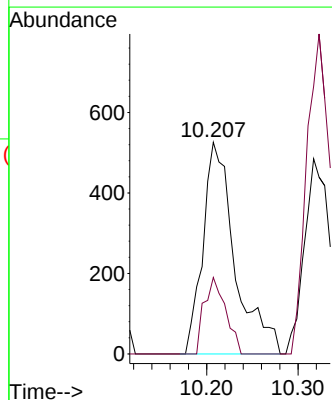
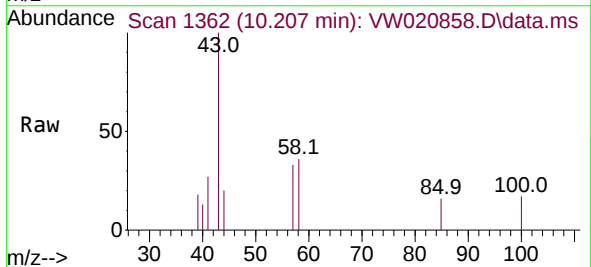
Instrument :
MSVOA_W
ClientSampleId :

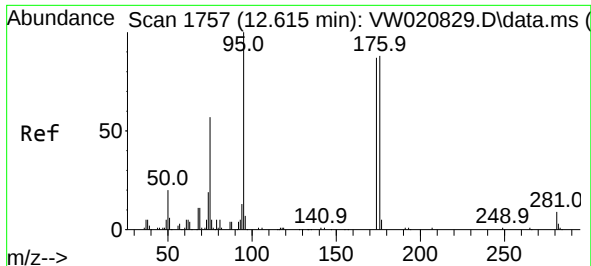
Tgt Ion: 98 Resp: 174791
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 2.111 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

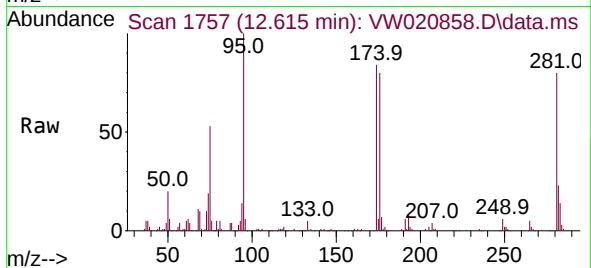
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 24.1 30.6 46.0#



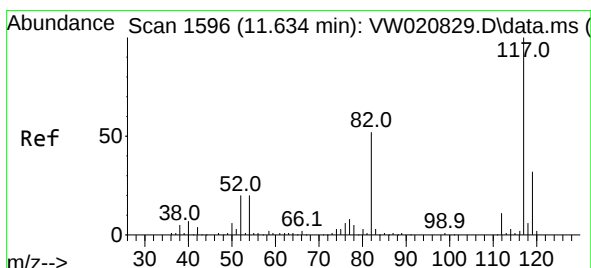
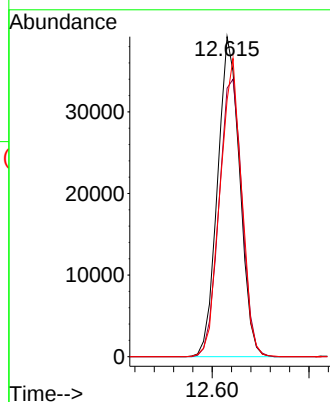
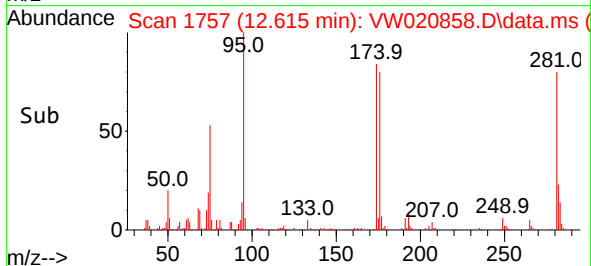


#62
4-Bromofluorobenzene
Concen: 52.557 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

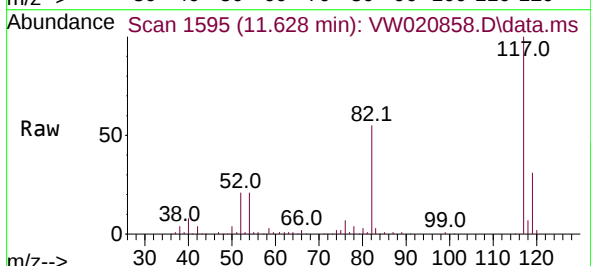
Instrument :
MSVOA_W
ClientSampleId :



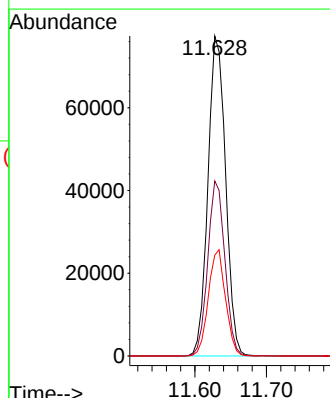
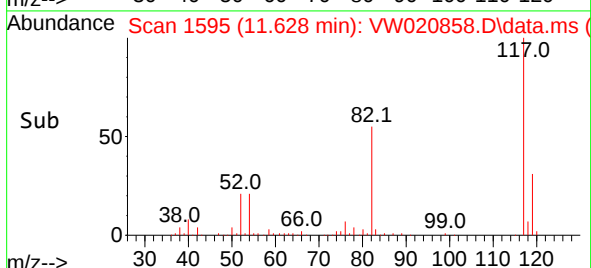
Tgt Ion: 95 Resp: 62354
Ion Ratio Lower Upper
95 100
174 89.8 0.0 166.4
176 90.4 0.0 159.8

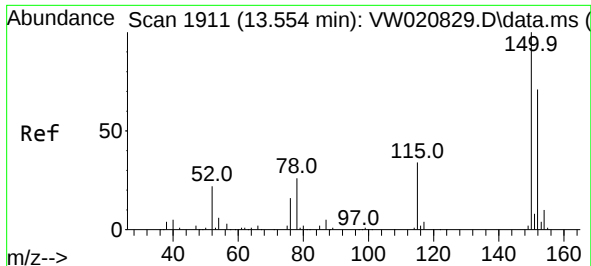


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05



Tgt Ion: 117 Resp: 132490
Ion Ratio Lower Upper
117 100
82 54.7 45.6 68.4
119 31.5 25.0 37.4

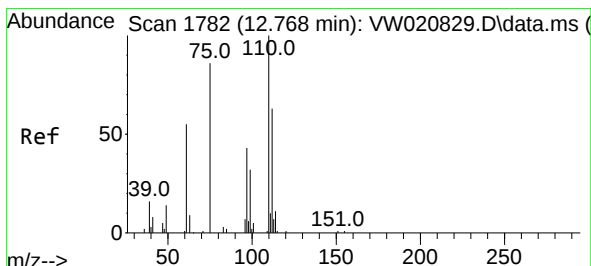
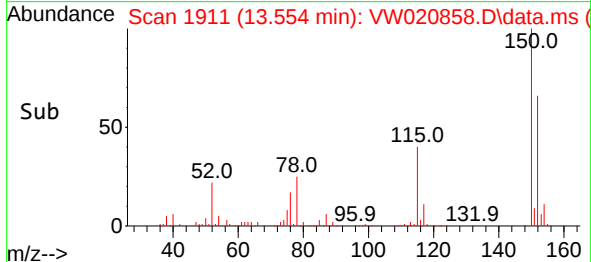
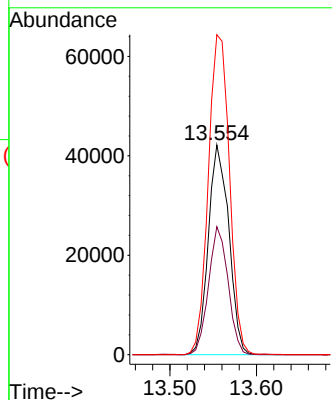
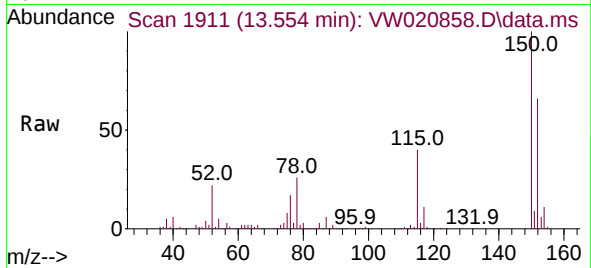




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

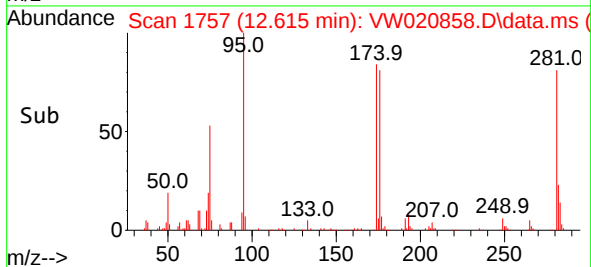
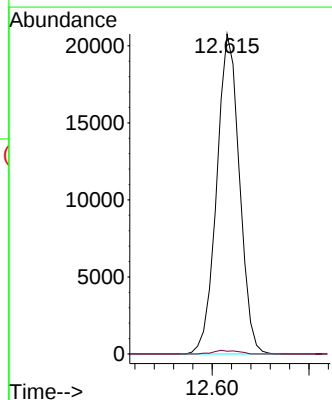
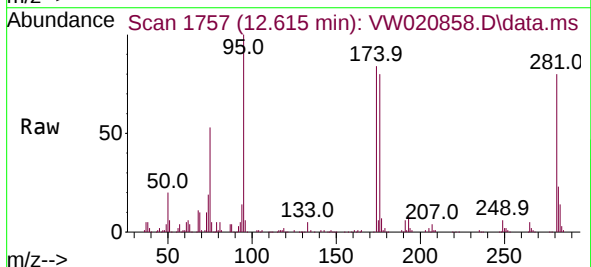
Instrument :
MSVOA_W
ClientSampleId :

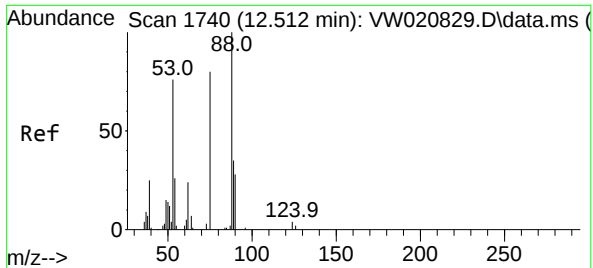
Tgt Ion:152 Resp: 69417
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.9
150 157.6 0.0 352.6



#76
1,2,3-Trichloropropane
Concen: 63.391 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020858.D
Acq: 12 Nov 2021 17:05

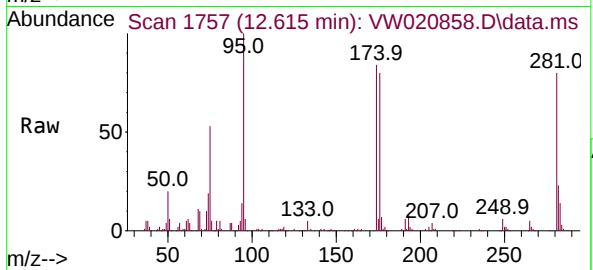
Tgt Ion: 75 Resp: 33834
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.780 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW020858.D
 Acq: 12 Nov 2021 17:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	33834
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	1.0	36.7	55.1#

