

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020865.D
 Acq On : 12 Nov 2021 19:59
 Operator : SY/VA
 Sample : M4602-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:11:57 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)

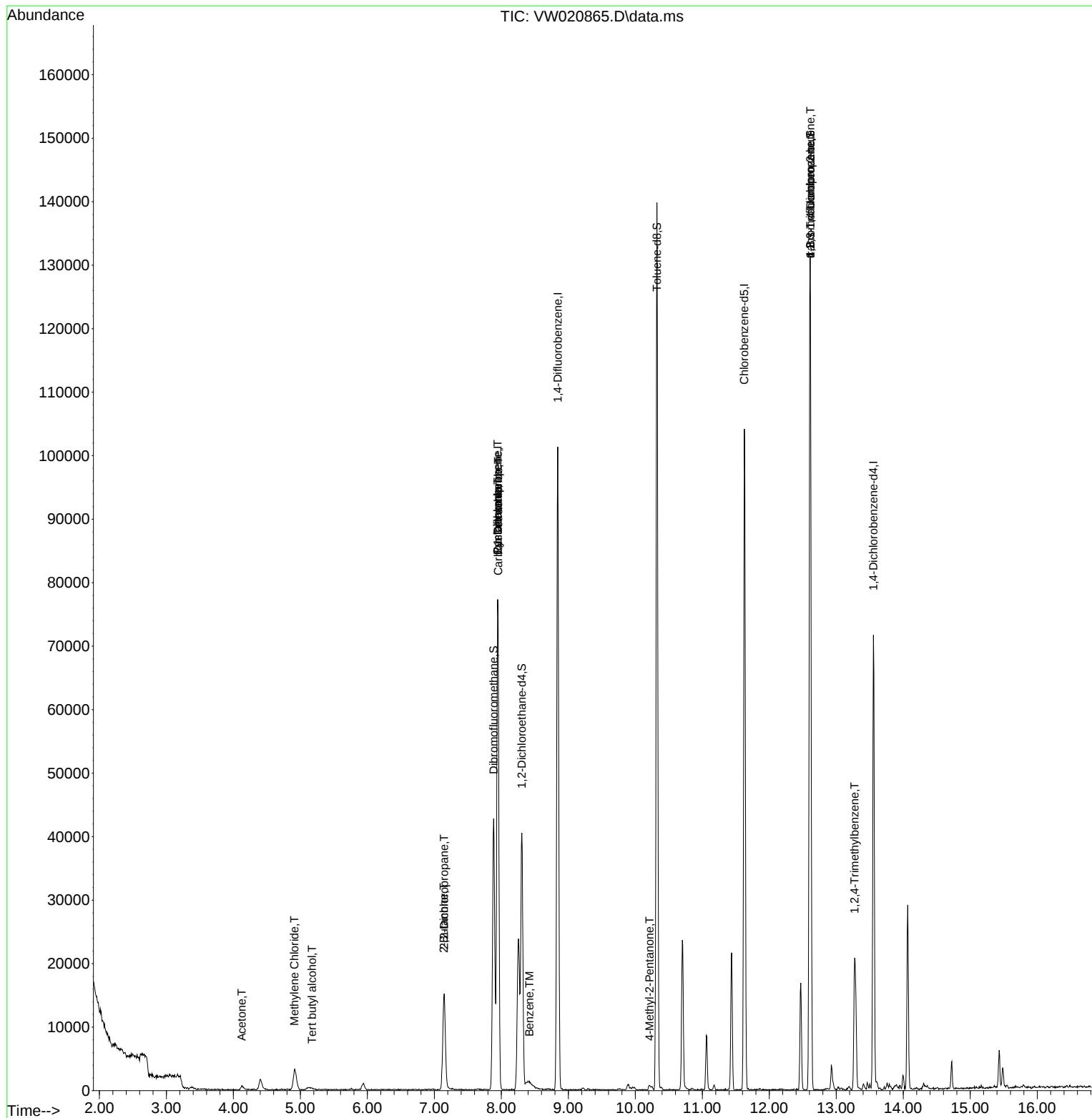
Internal Standards						
1) Pentafluorobenzene	7.946	168	62419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	87414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	59718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	19916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	31478	60.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.960%	
35) Dibromofluoromethane	7.885	113	29797	60.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.940%	
50) Toluene-d8	10.323	98	90186	47.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.615	95	21985	31.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.764	94	99	Below Cal		86
11) Tert butyl alcohol	5.172	59	601	16.932	ug/l #	84
16) Acetone	4.123	43	1359	14.202	ug/l	99
20) Methylene Chloride	4.910	84	2579	2.753	ug/l	95
25) 2-Butanone	7.141	43	939	5.445	ug/l #	48
26) 2,2-Dichloropropane	7.147	77	1030	1.787	ug/l #	53
31) Cyclohexane	7.946	56	1220	1.318	ug/l #	18
36) 1,1-Dichloropropene	7.946	75	4128	5.713	ug/l #	50
38) Carbon Tetrachloride	7.952	117	5714	7.550	ug/l #	20
40) Benzene	8.421	78	4915	2.541	ug/l	98
51) 4-Methyl-2-Pentanone	10.213	43	663	1.882	ug/l	95
76) 1,2,3-Trichloropropane	12.615	75	12019	78.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	12019	154.499	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.274	105	1149	1.130	ug/l #	31

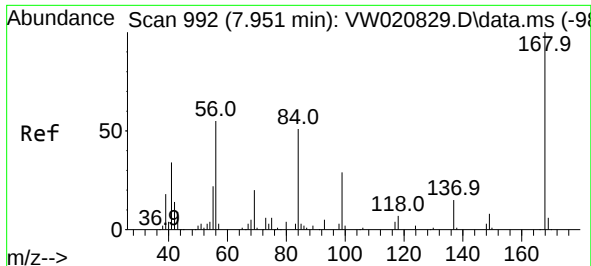
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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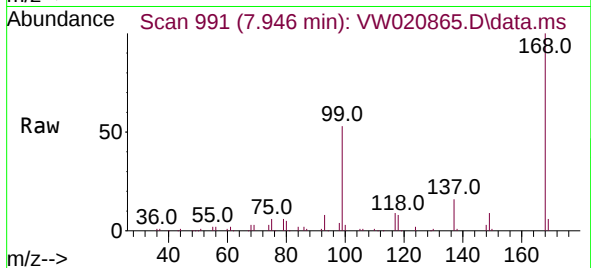
Quant Time: Nov 15 00:11:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
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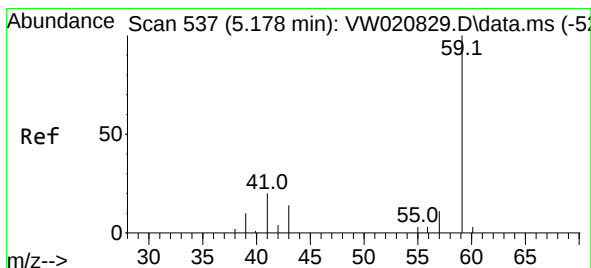
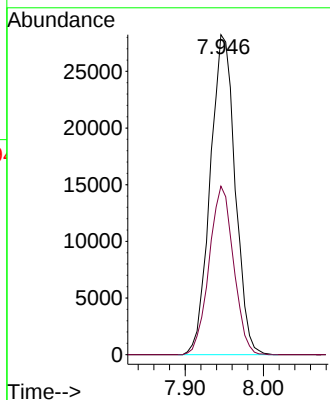
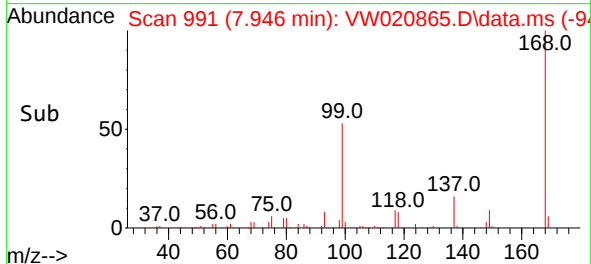


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Instrument :
MSVOA_W
ClientSampleId :

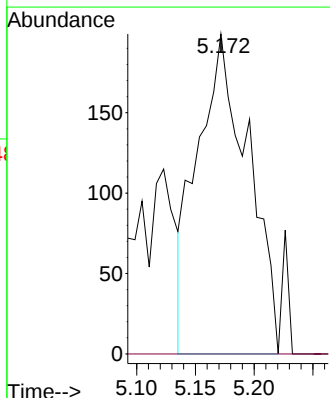
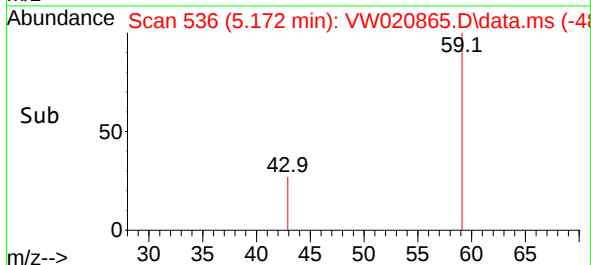
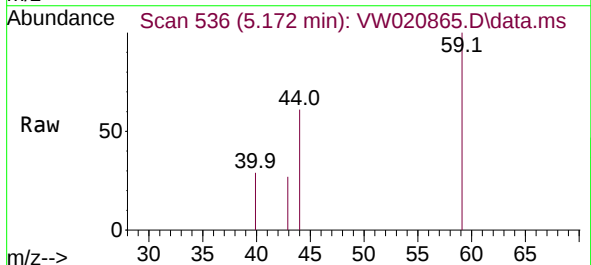


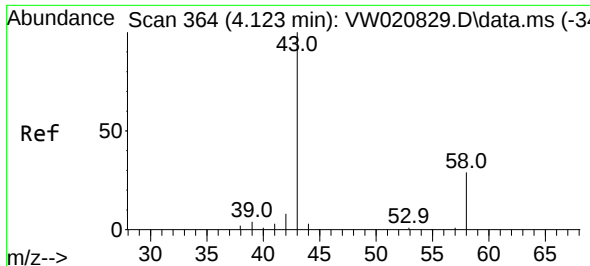
Tgt Ion:168 Resp: 62419
Ion Ratio Lower Upper
168 100
99 52.6 45.4 68.0



#11
Tert butyl alcohol
Concen: 16.932 ug/l
RT: 5.172 min Scan# 536
Delta R.T. -0.006 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

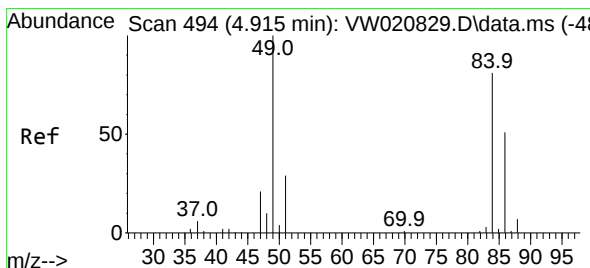
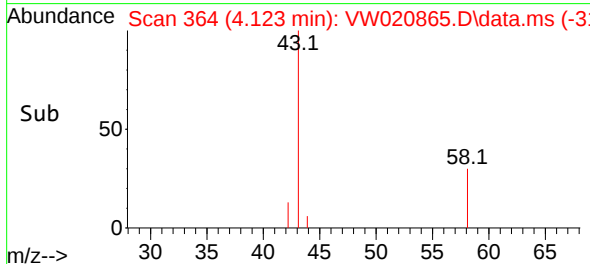
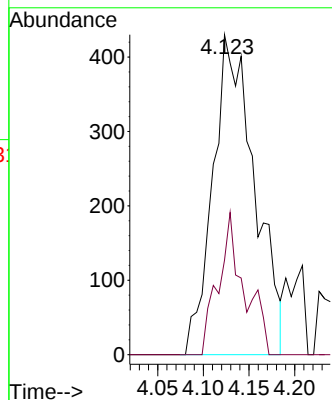
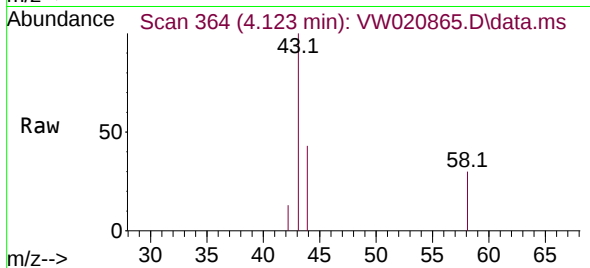




#16
Acetone
Concen: 14.202 ug/l
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

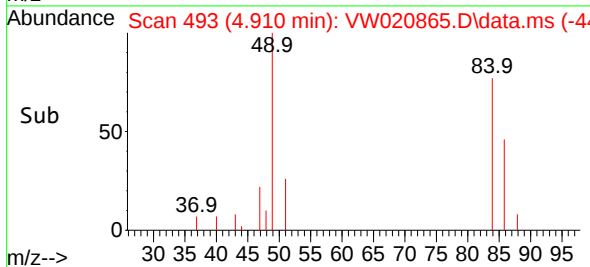
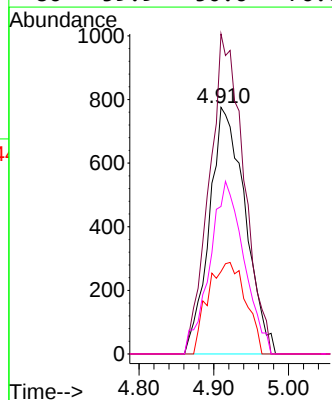
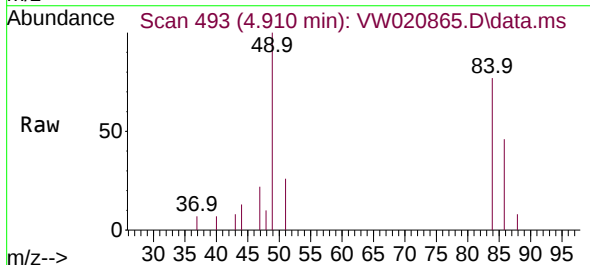
Instrument :
MSVOA_W
ClientSampleId :

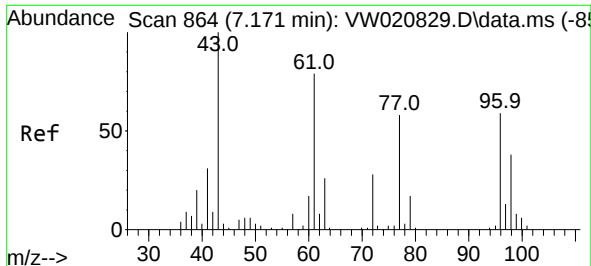
Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.2



#20
Methylene Chloride
Concen: 2.753 ug/l
RT: 4.910 min Scan# 493
Delta R.T. -0.005 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion: 84 Resp: 2579
Ion Ratio Lower Upper
84 100
49 129.8 100.0 150.0
51 33.4 30.8 46.2
86 59.9 50.6 76.0





#25

2-Butanone

Concen: 5.445 ug/l

RT: 7.141 min Scan# 8

Delta R.T. -0.030 min

Lab File: VW020865.D

Acq: 12 Nov 2021 19:59

Instrument :

MSVOA_W

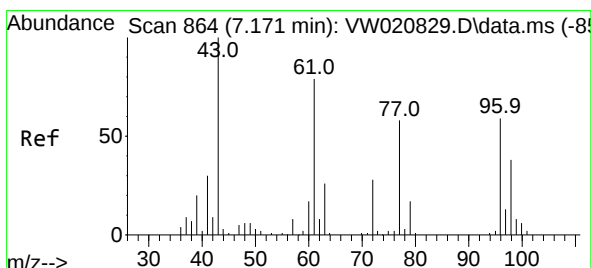
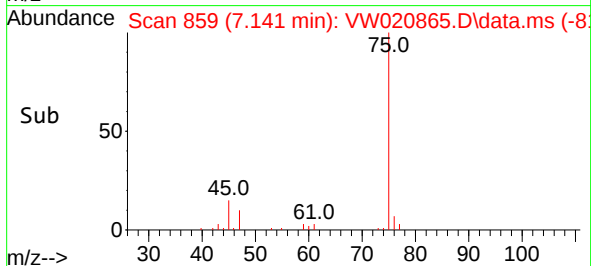
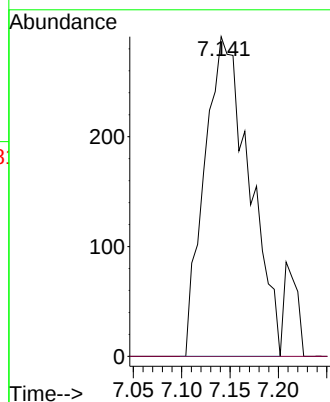
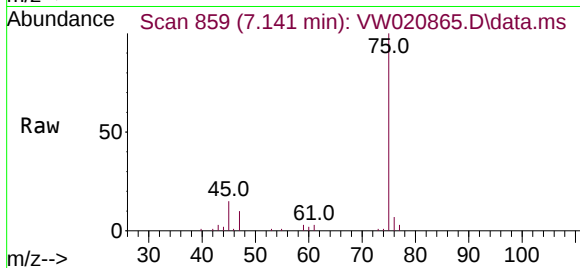
ClientSampleId :

Tgt Ion: 43 Resp: 939

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#26

2,2-Dichloropropane

Concen: 1.787 ug/l

RT: 7.147 min Scan# 860

Delta R.T. -0.024 min

Lab File: VW020865.D

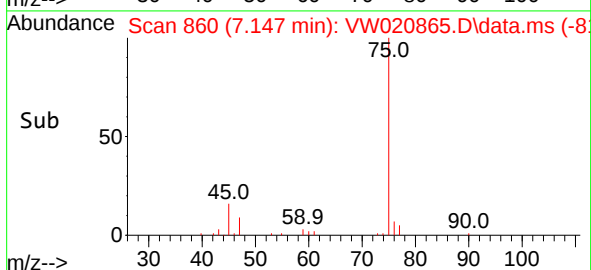
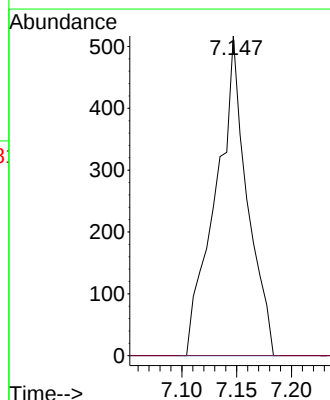
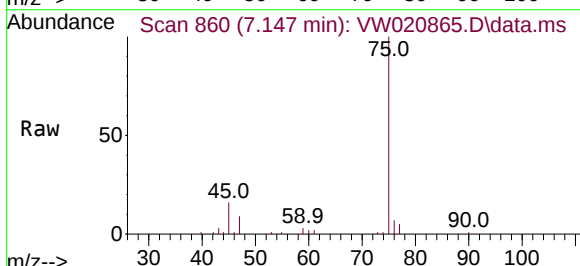
Acq: 12 Nov 2021 19:59

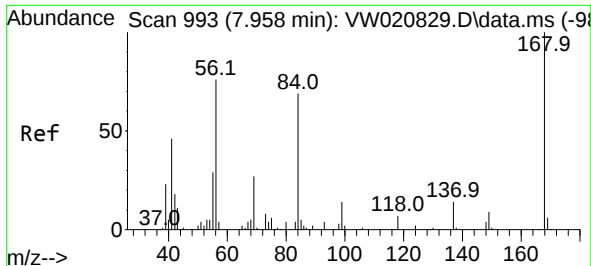
Tgt Ion: 77 Resp: 1030

Ion Ratio Lower Upper

77 100

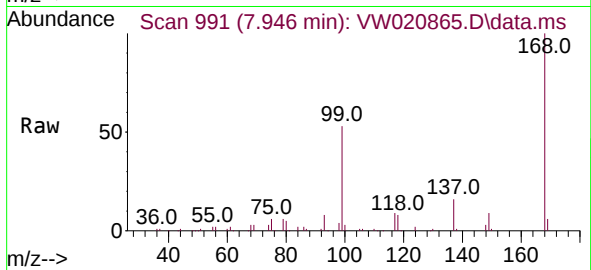
97 0.0 11.4 34.2#



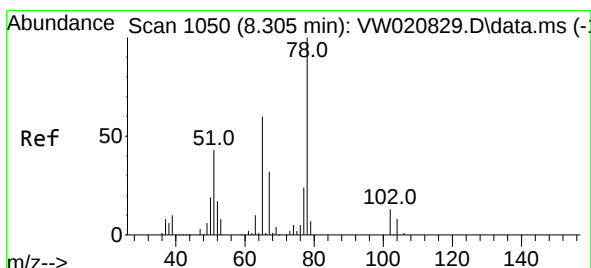
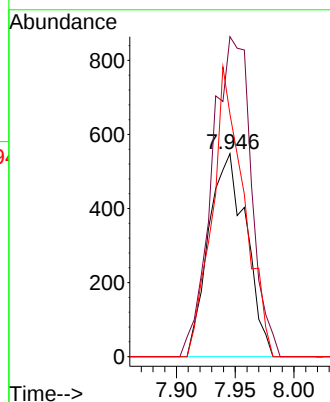
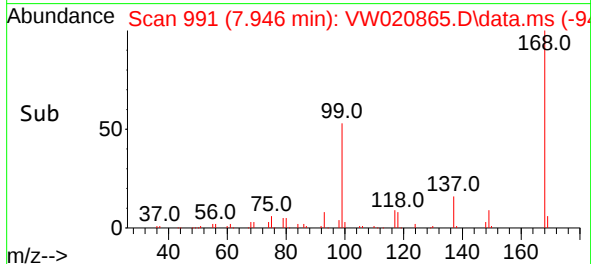


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Instrument :
MSVOA_W
ClientSampleId :

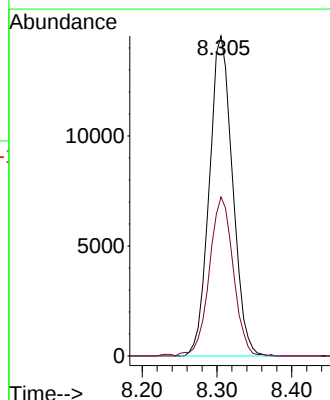
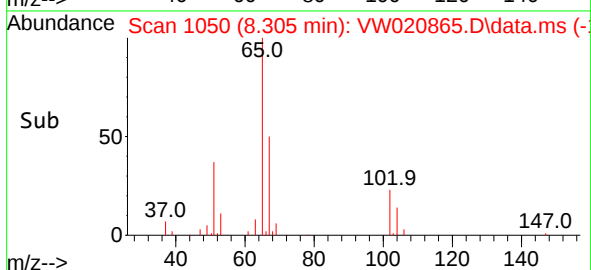
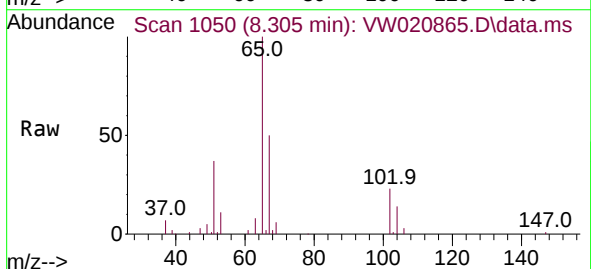


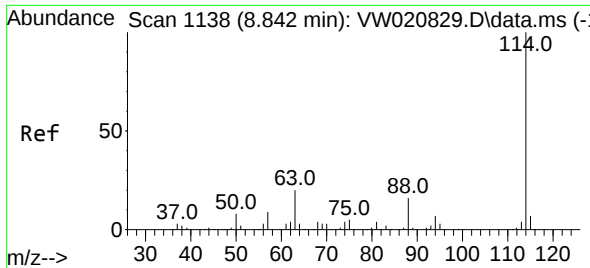
Tgt Ion: 56 Resp: 1220
Ion Ratio Lower Upper
56 100
69 157.7 27.2 40.8#
84 119.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 60.983 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion: 65 Resp: 31478
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

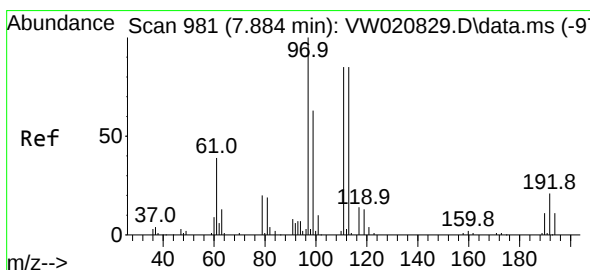
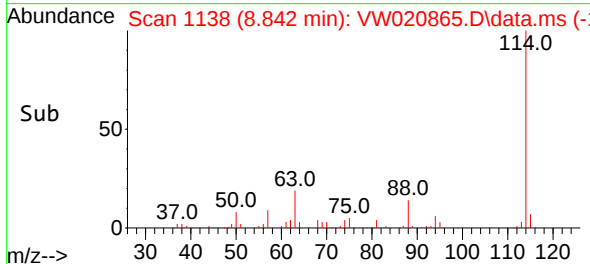
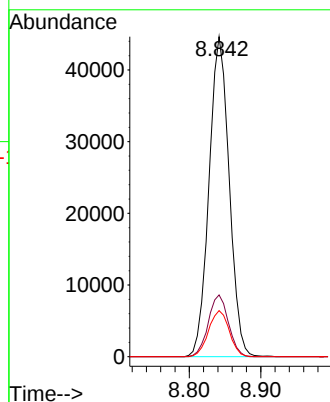
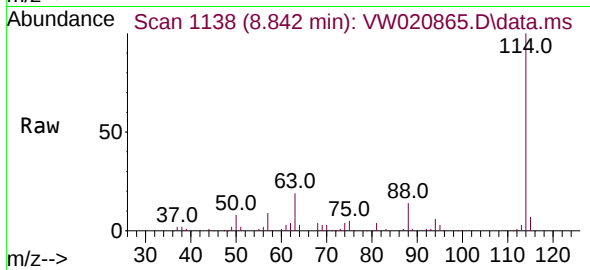




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

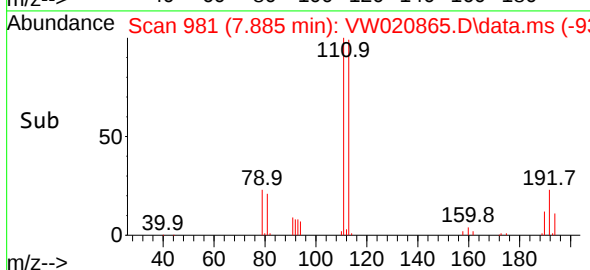
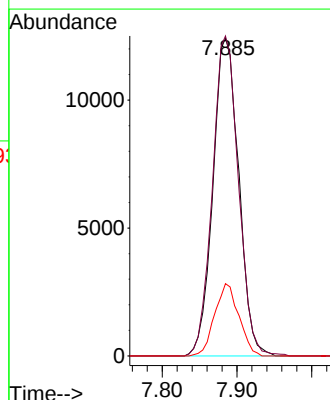
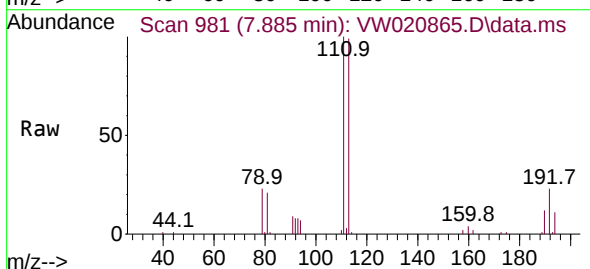
Instrument :
MSVOA_W
ClientSampleId :

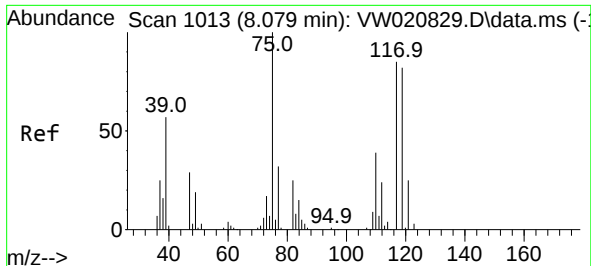
Tgt Ion:114 Resp: 87414
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 60.973 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion:113 Resp: 29797
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.3 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.713 ug/l

RT: 7.946 min Scan# 991

Delta R.T. -0.134 min

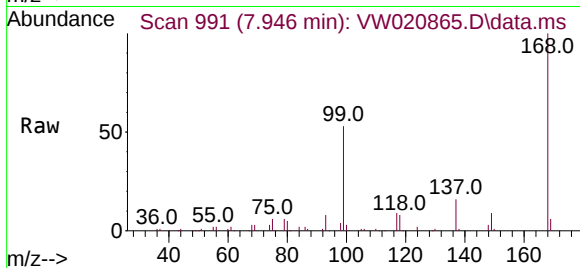
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Acq: 12 Nov 2021 19:59

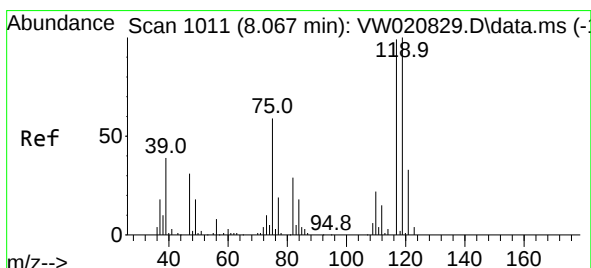
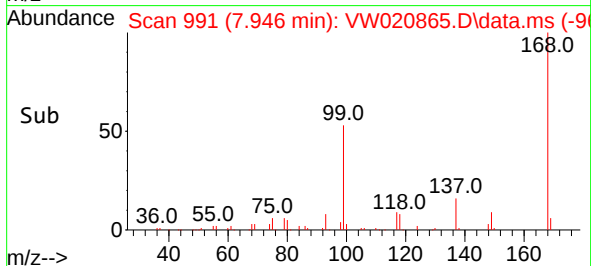
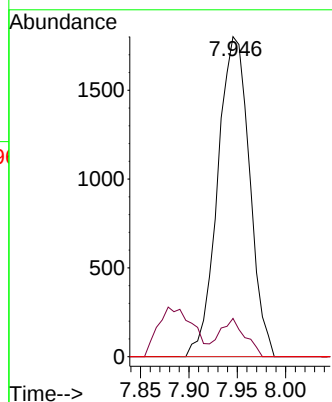
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	4128
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 7.550 ug/l

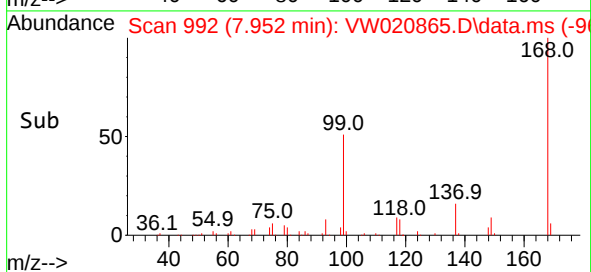
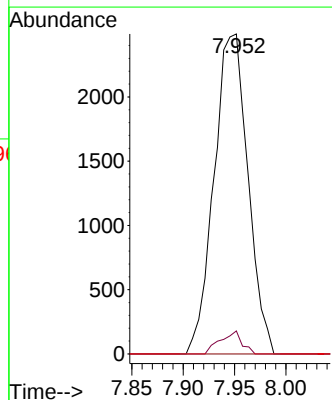
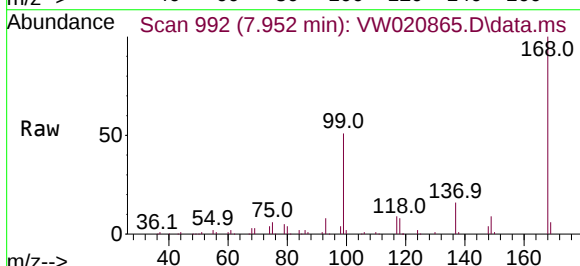
RT: 7.952 min Scan# 992

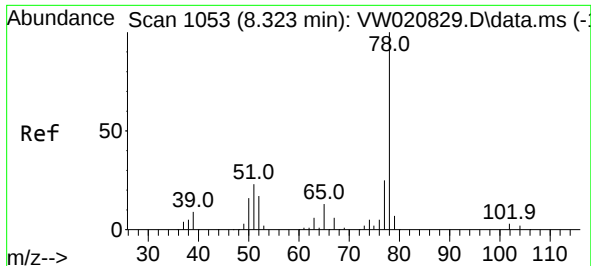
Delta R.T. -0.116 min

Lab File: VW020865.D

Acq: 12 Nov 2021 19:59

Tgt Ion:	117	Resp:	5714
Ion	Ratio	Lower	Upper
117	100		
119	7.2	72.9	109.3#
121	0.0	23.4	35.0#

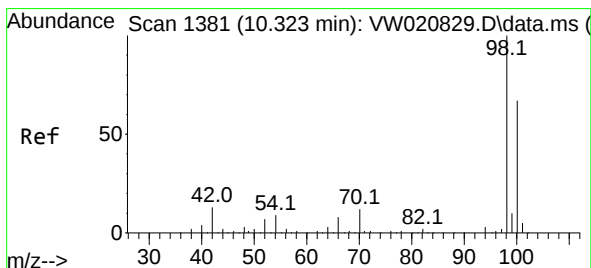
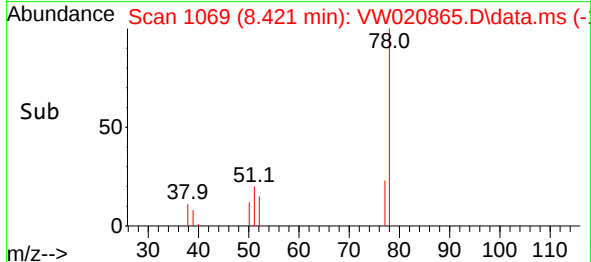
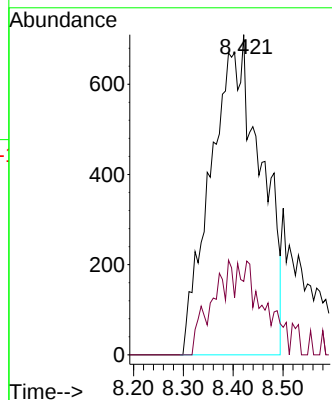
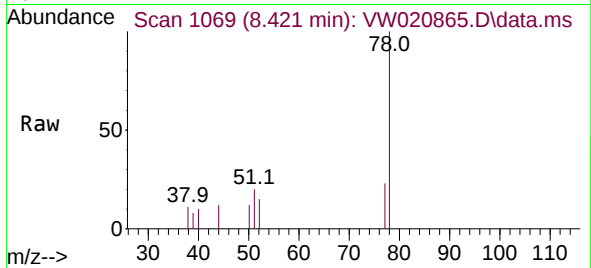




#40
Benzene
Concen: 2.541 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.098 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

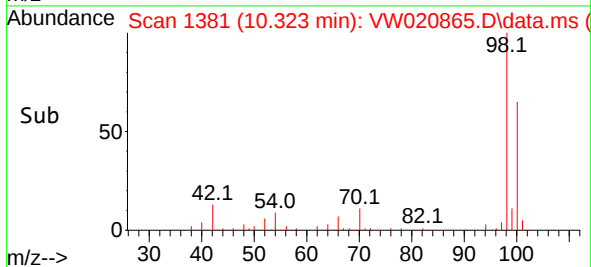
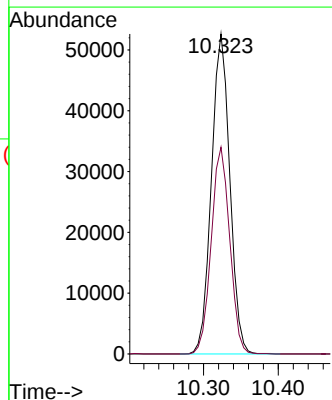
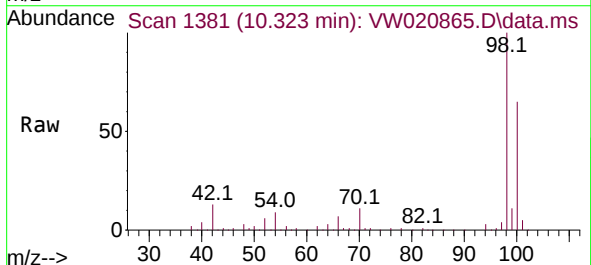
Instrument :
MSVOA_W
ClientSampleId :

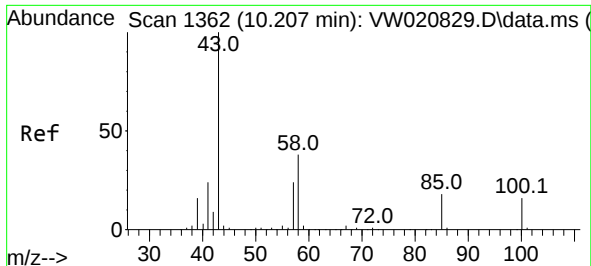
Tgt Ion: 78 Resp: 4915
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



#50
Toluene-d8
Concen: 47.168 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion: 98 Resp: 90186
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8

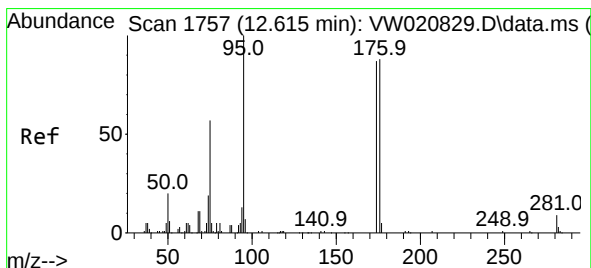
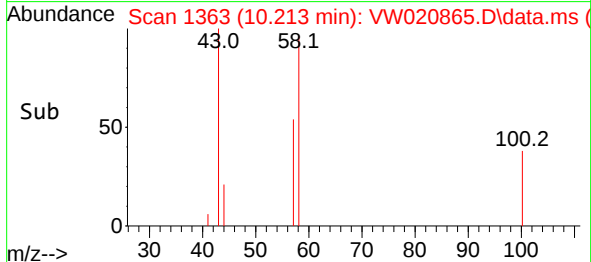
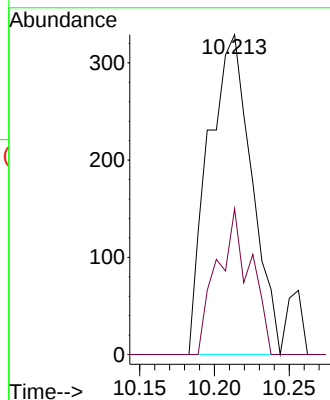
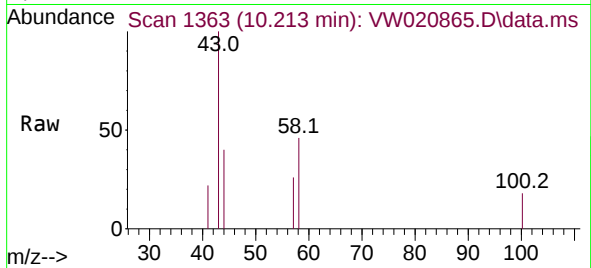




#51
4-Methyl-2-Pentanone
Concen: 1.882 ug/l
RT: 10.213 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

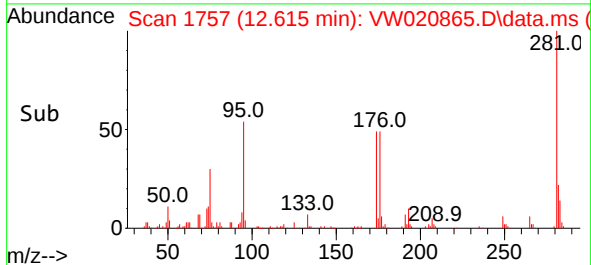
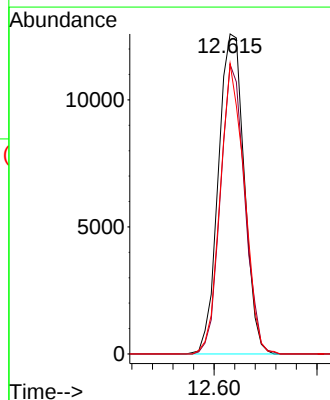
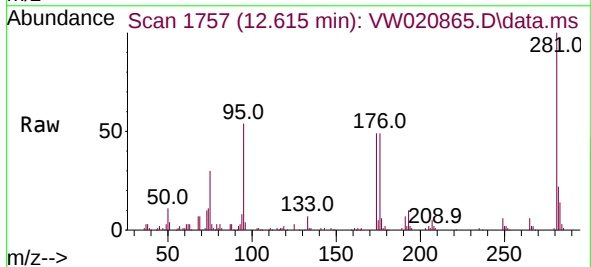
Instrument :
MSVOA_W
ClientSampleId :

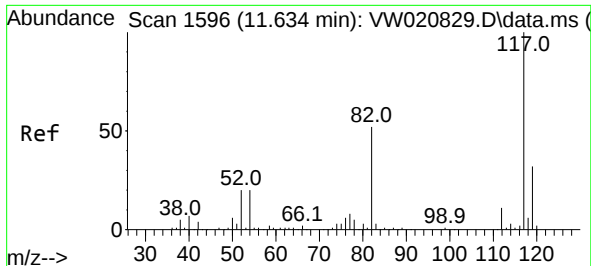
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 35.0 30.6 46.0



#62
4-Bromofluorobenzene
Concen: 31.871 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

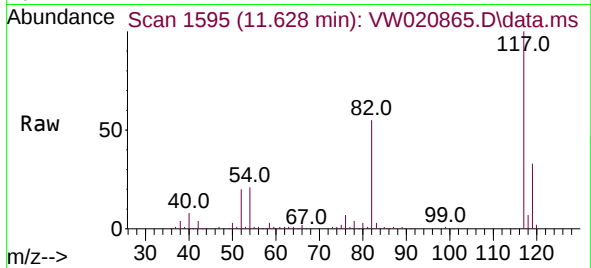
Tgt Ion: 95 Resp: 21985
Ion Ratio Lower Upper
95 100
174 84.5 0.0 166.4
176 84.7 0.0 159.8



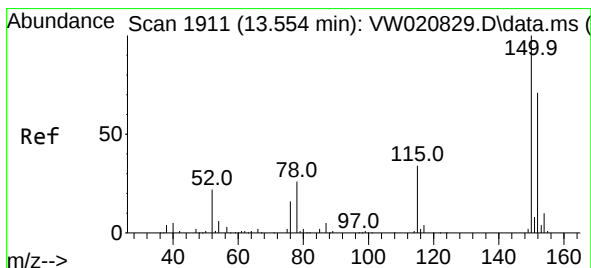
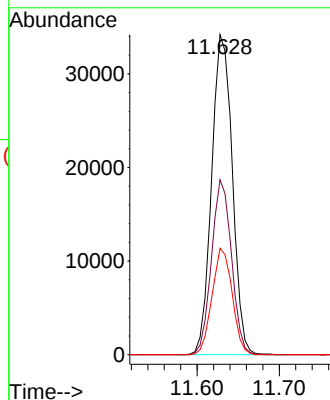
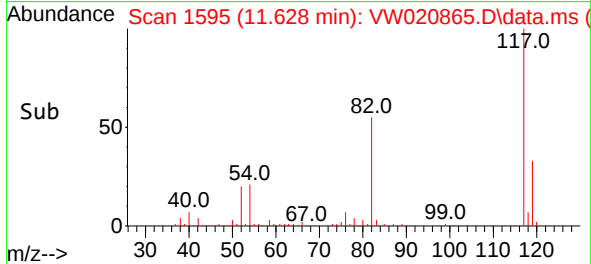


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

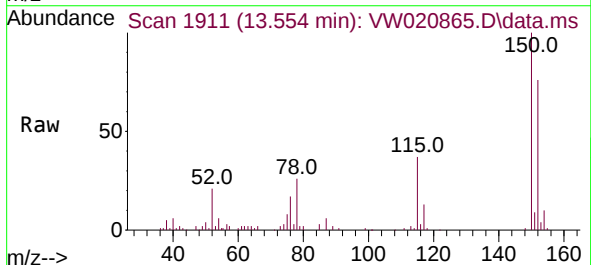
Instrument :
MSVOA_W
ClientSampleId :



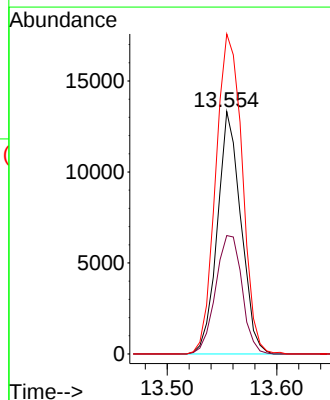
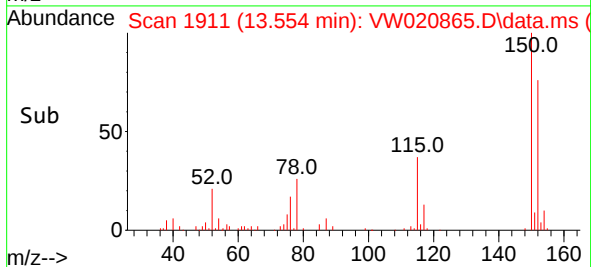
Tgt Ion:117 Resp: 59718
Ion Ratio Lower Upper
117 100
82 54.6 45.6 68.4
119 33.2 25.0 37.4

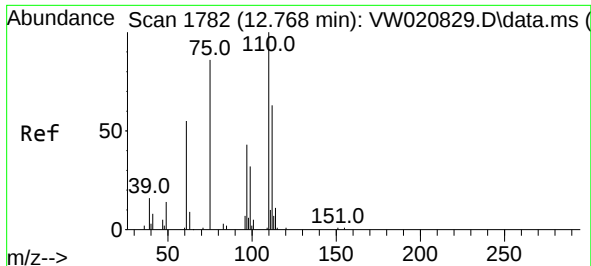


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59



Tgt Ion:152 Resp: 19916
Ion Ratio Lower Upper
152 100
115 54.6 29.6 88.9
150 148.3 0.0 352.6

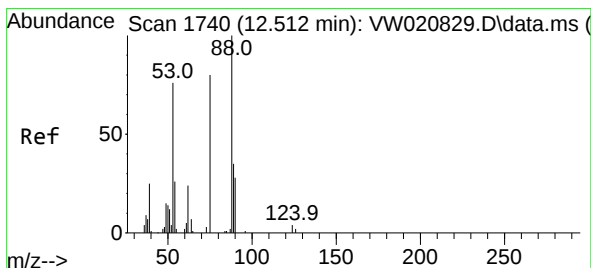
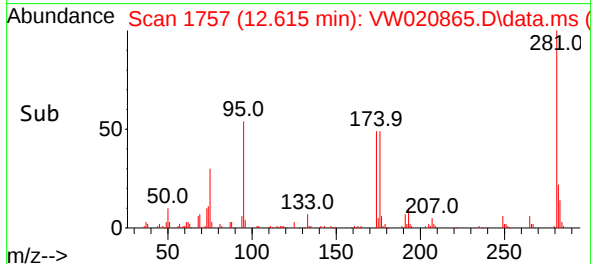
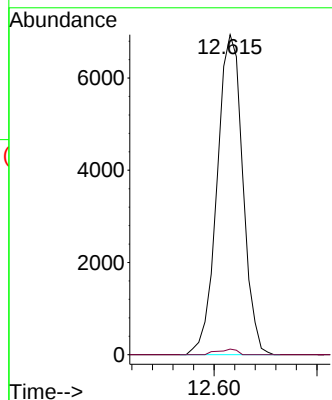
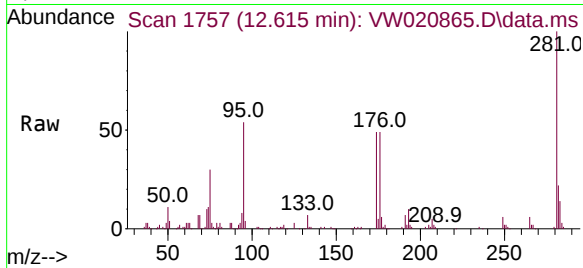




#76
1,2,3-Trichloropropane
Concen: 78.489 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

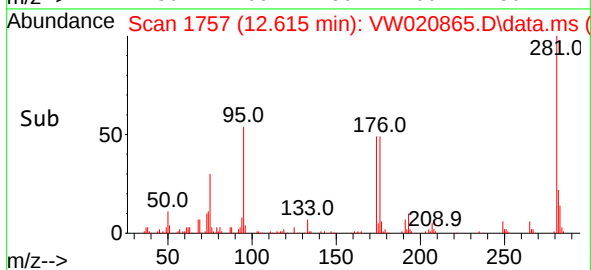
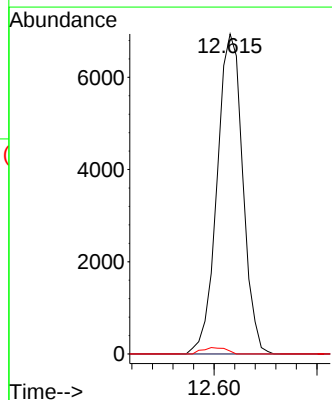
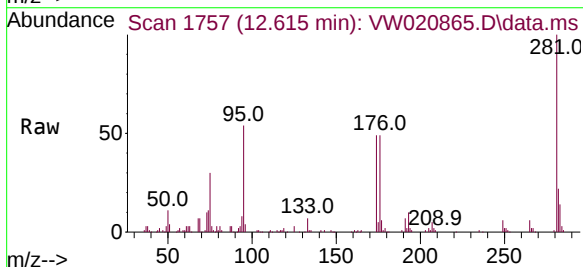
Instrument :
MSVOA_W
ClientSampleId :

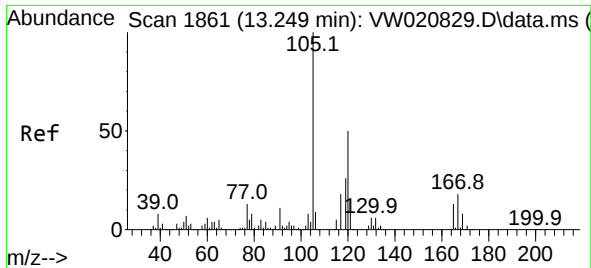
Tgt Ion: 75 Resp: 12019
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.499 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020865.D
Acq: 12 Nov 2021 19:59

Tgt Ion: 75 Resp: 12019
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 1.9 36.7 55.1#





#84

1,2,4-Trimethylbenzene

Concen: 1.130 ug/l

RT: 13.274 min Scan# 11

Delta R.T. 0.025 min

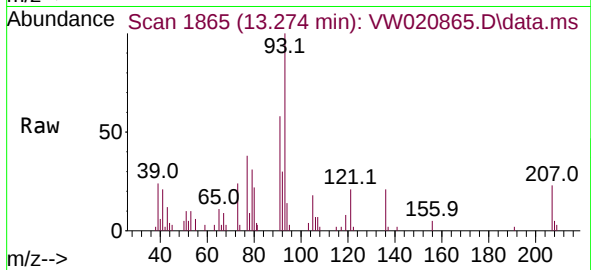
Lab File: VW020865.D

Acq: 12 Nov 2021 19:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:105 Resp: 1149

Ion Ratio Lower Upper

105 100

120 0.0 22.6 67.7#

