

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020935.D
 Acq On : 22 Nov 2021 14:36
 Operator : SY/VA
 Sample : M4758-17RE
 Misc : 5.03g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 23 02:23:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

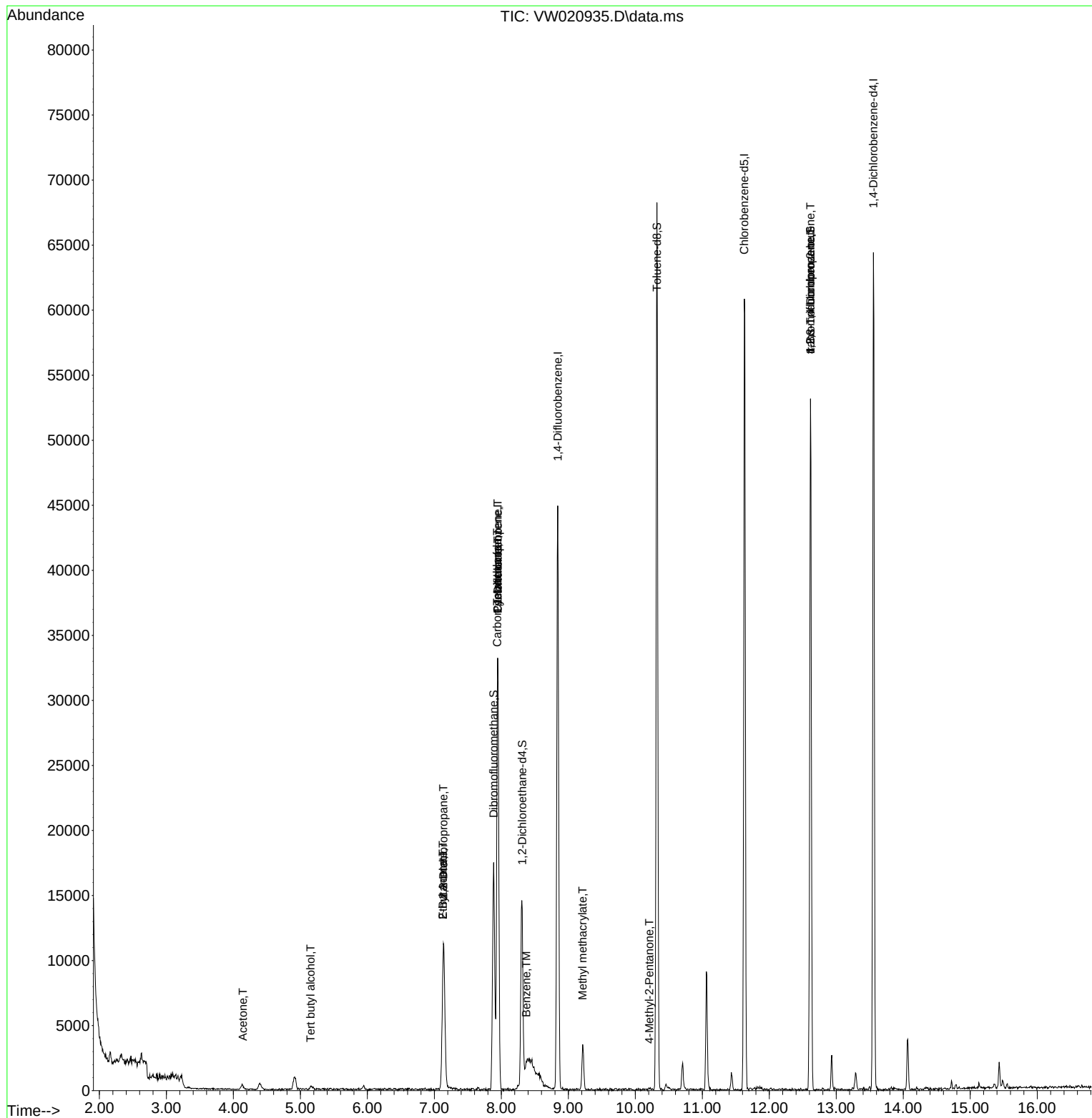
Internal Standards						
1) Pentafluorobenzene	7.946	168	26939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	37994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	35097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	17318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	11558	46.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.640%			
35) Dibromofluoromethane	7.885	113	12000	50.353	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.700%			
50) Toluene-d8	10.323	98	43884	50.207	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.615	95	15002	46.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.040%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.153	59	270	12.281	ug/l #	84
16) Acetone	4.141	43	854	16.464	ug/l #	44
20) Methylene Chloride	4.916	84	776	Below Cal		91
25) 2-Butanone	7.129	43	589	7.995	ug/l #	49
26) 2,2-Dichloropropane	7.135	77	676	2.220	ug/l #	52
31) Cyclohexane	7.946	56	499	1.199	ug/l #	25
36) 1,1-Dichloropropene	7.946	75	1857	5.441	ug/l #	46
37) Ethyl Acetate	7.129	43	589	3.783	ug/l #	1
38) Carbon Tetrachloride	7.939	117	2576	7.095	ug/l #	15
40) Benzene	8.372	78	2746	2.822	ug/l	94
48) Methyl methacrylate	9.214	41	913	6.717	ug/l #	33
51) 4-Methyl-2-Pentanone	10.207	43	214	1.376	ug/l #	36
76) 1,2,3-Trichloropropane	12.615	75	7892	50.721	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	7892	119.311	ug/l #	9

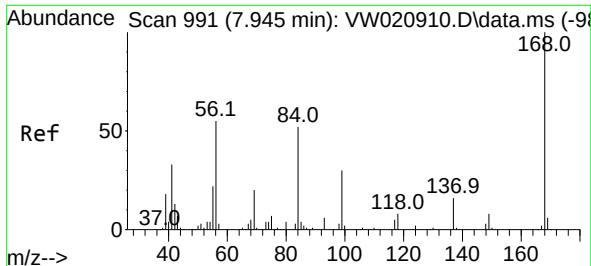
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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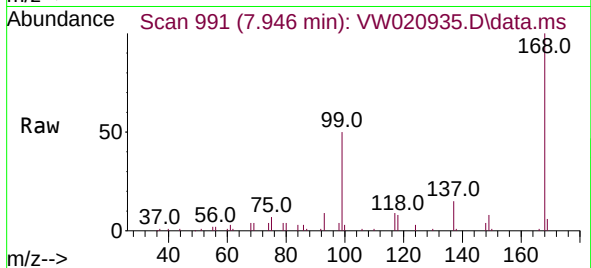
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 05:03:38 2021
Response via : Initial Calibration



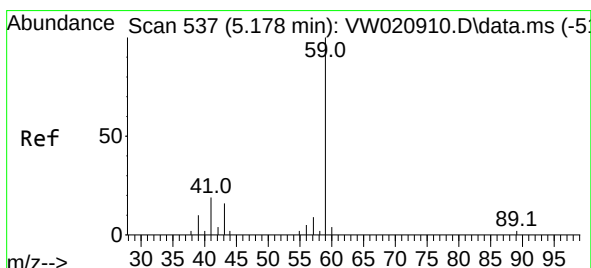
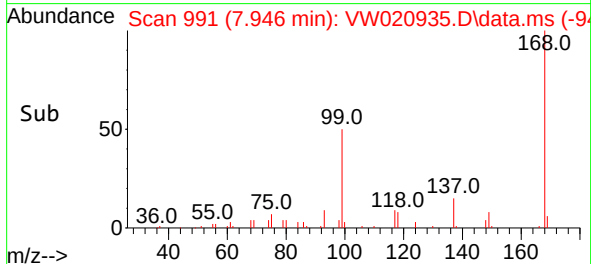
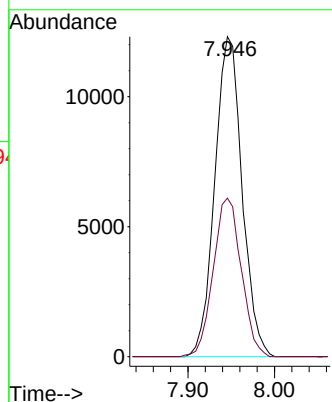


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. 0.001 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :

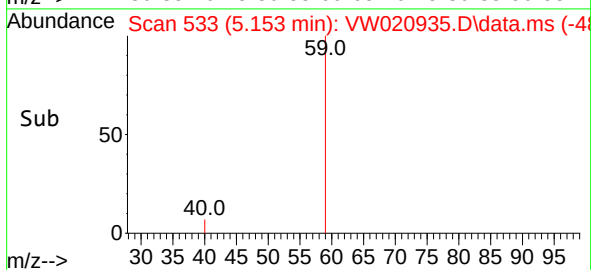
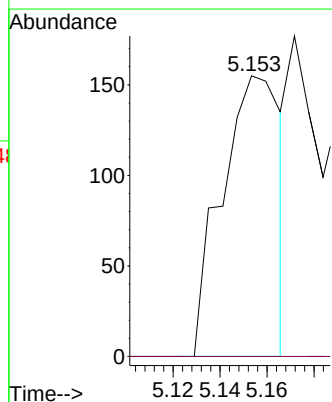
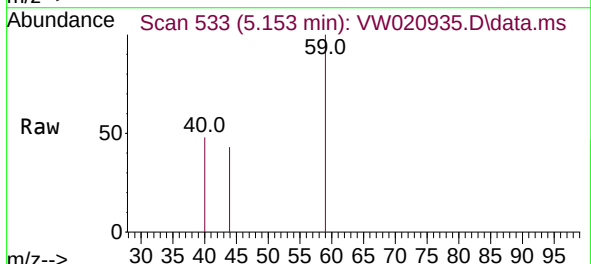


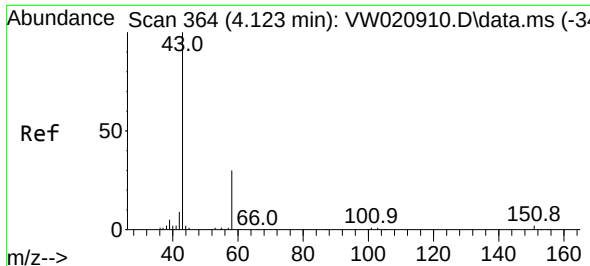
Tgt Ion:168 Resp: 26939
Ion Ratio Lower Upper
168 100
99 49.6 41.6 62.4



#11
Tert butyl alcohol
Concen: 12.281 ug/l
RT: 5.153 min Scan# 533
Delta R.T. -0.025 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

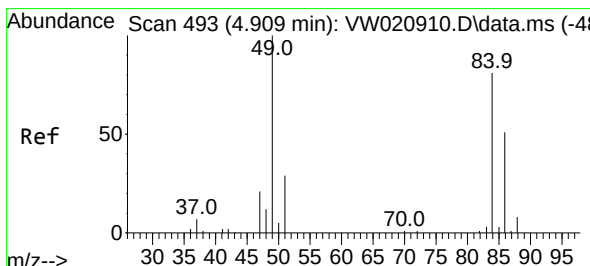
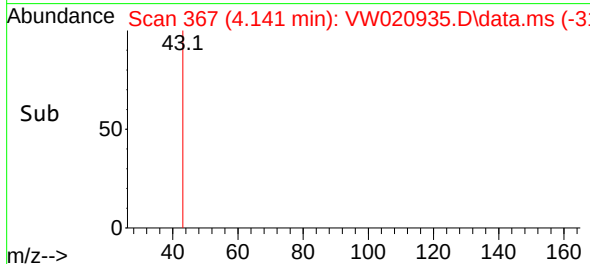
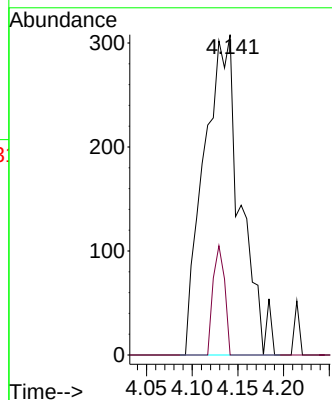
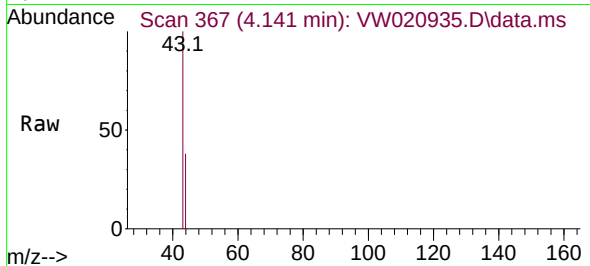




#16
Acetone
Concen: 16.464 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.019 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

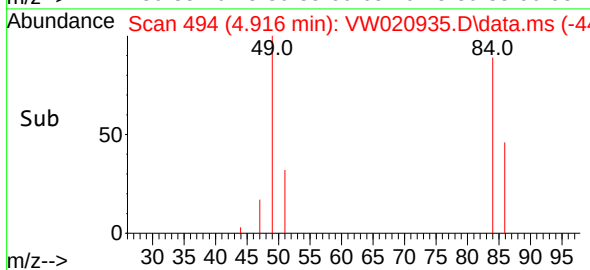
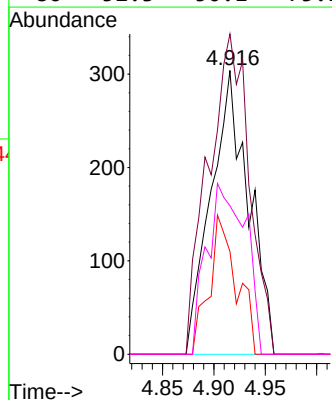
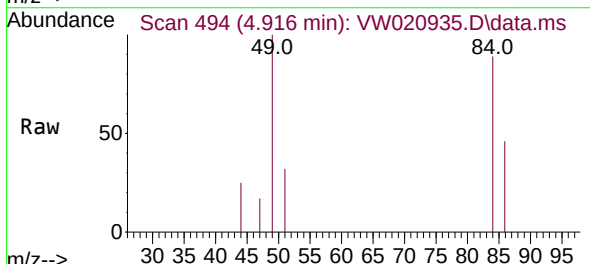
Instrument :
MSVOA_W
ClientSampleId :

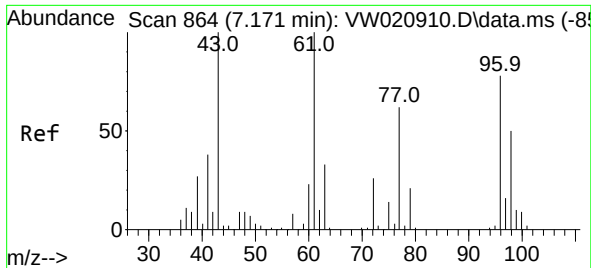
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 84 Resp: 776
Ion Ratio Lower Upper
84 100
49 112.8 99.1 148.7
51 36.2 28.8 43.2
86 52.3 50.1 75.1

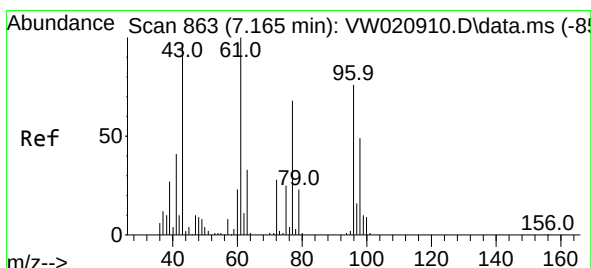
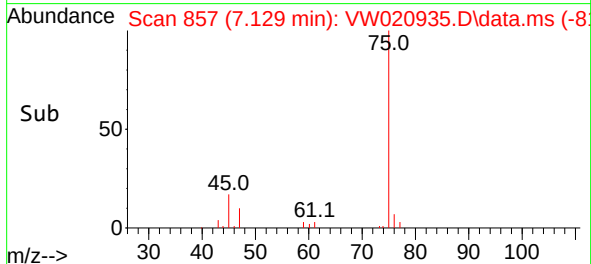
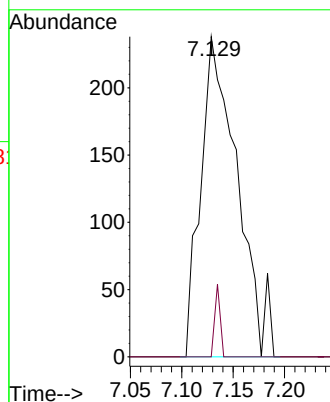
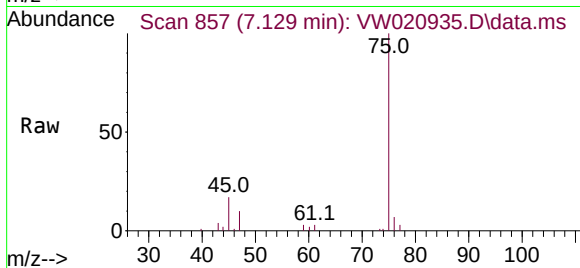




#25
2-Butanone
Concen: 7.995 ug/l
RT: 7.129 min Scan# 857
Delta R.T. -0.042 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

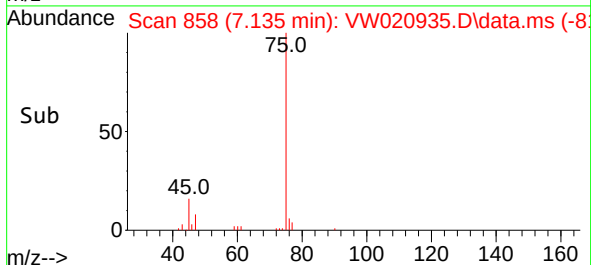
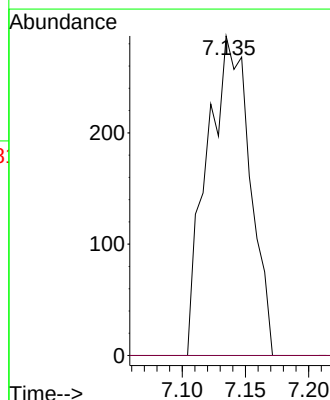
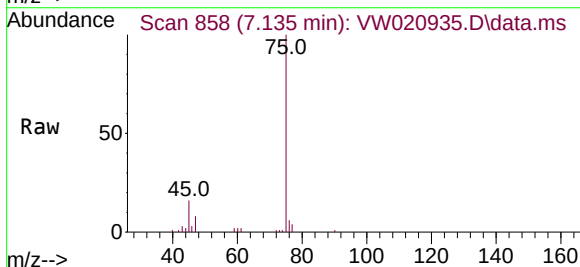
Instrument :
MSVOA_W
ClientSampleId :

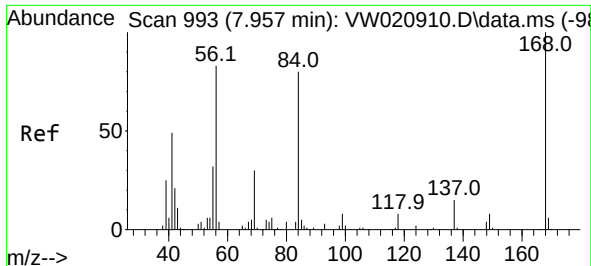
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#26
2,2-Dichloropropane
Concen: 2.220 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

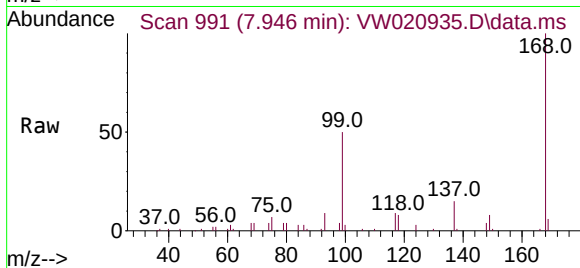
Tgt Ion: 77 Resp: 676
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



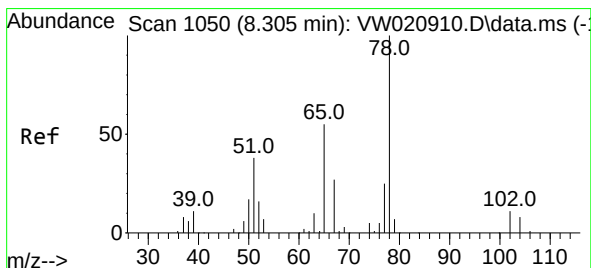
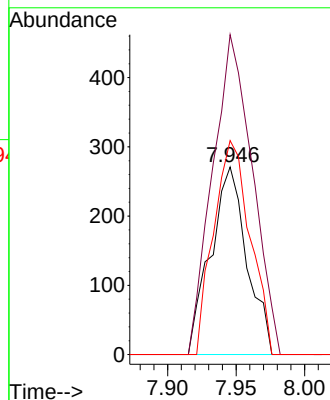
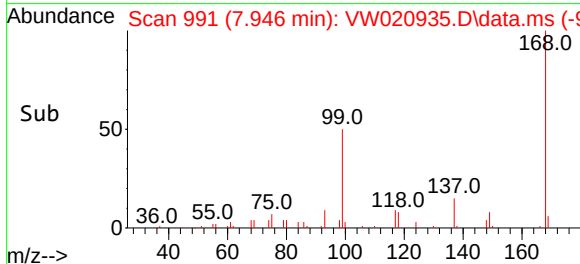


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :

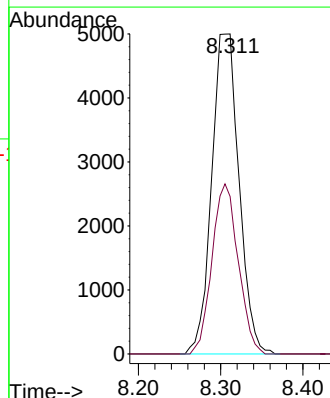
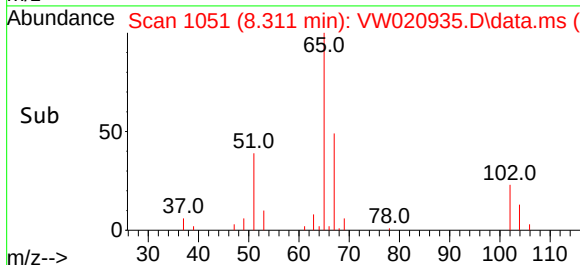
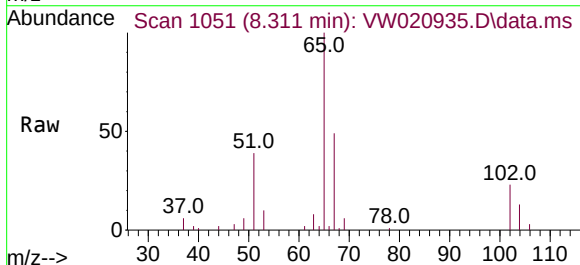


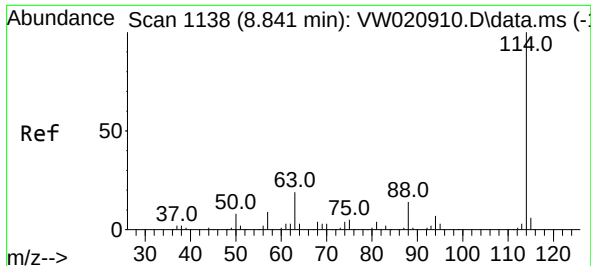
Tgt Ion: 56 Resp: 499
Ion Ratio Lower Upper
56 100
69 170.5 28.7 43.1#
84 114.0 77.6 116.4



#33
1,2-Dichloroethane-d4
Concen: 46.318 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 65 Resp: 11558
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :

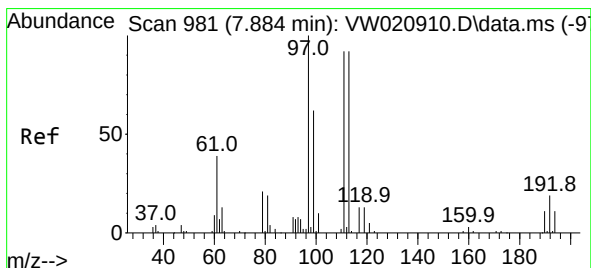
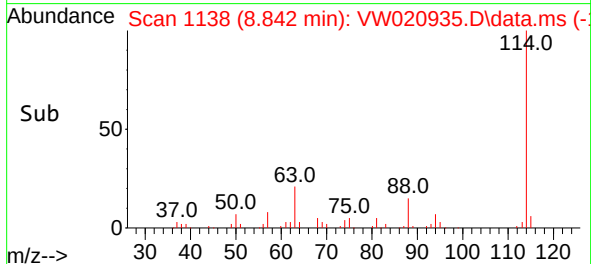
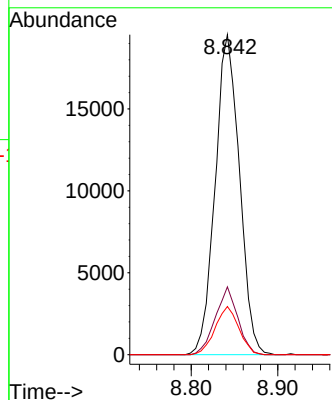
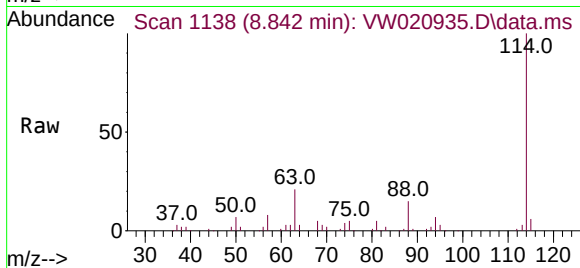
Tgt Ion:114 Resp: 37994

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.2

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

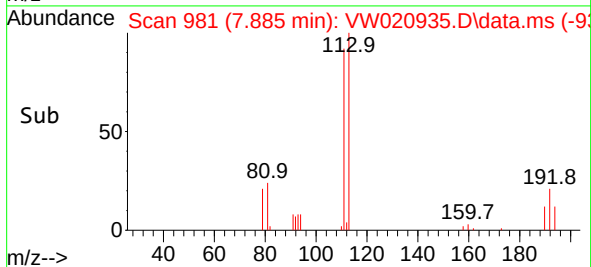
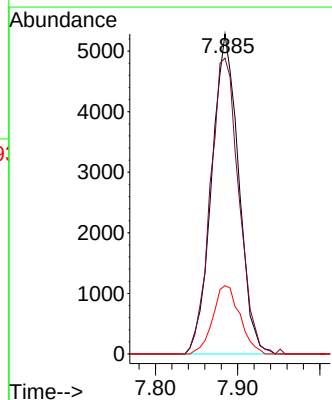
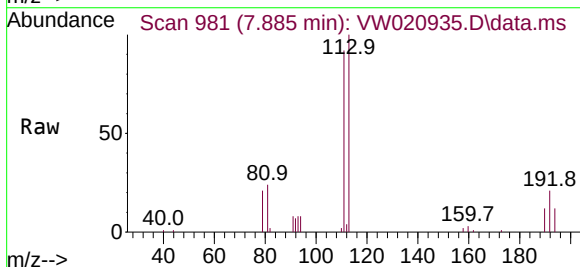
Tgt Ion:113 Resp: 12000

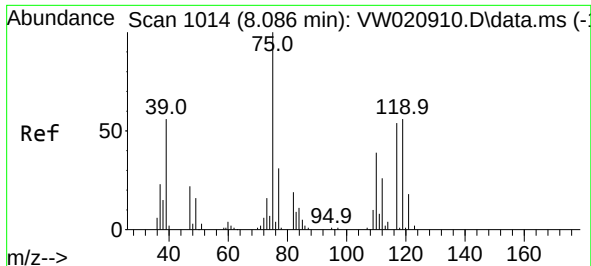
Ion Ratio Lower Upper

113 100

111 97.8 81.2 121.8

192 21.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 7.946 min Scan# 91

Delta R.T. -0.140 min

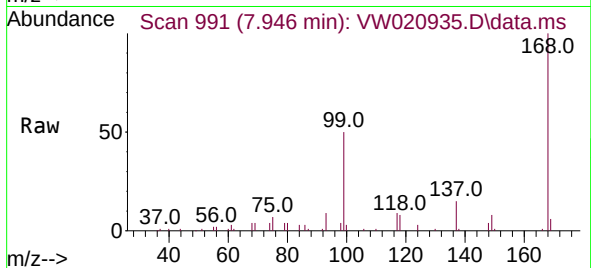
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Acq: 22 Nov 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :



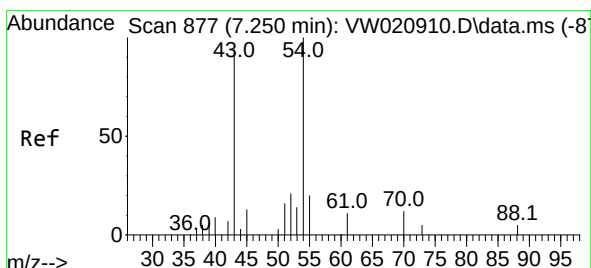
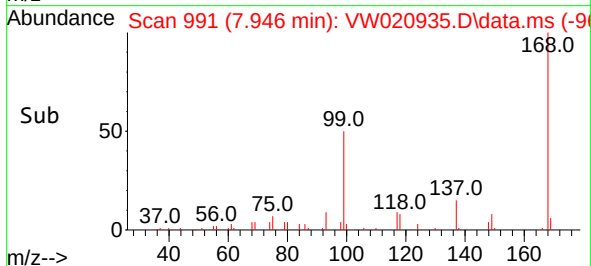
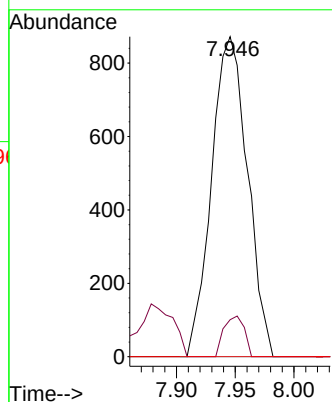
Tgt Ion: 75 Resp: 1857

Ion Ratio Lower Upper

75 100

110 7.3 19.1 57.5#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 3.783 ug/l

RT: 7.129 min Scan# 857

Delta R.T. -0.122 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

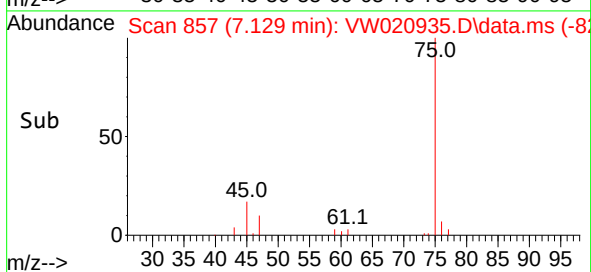
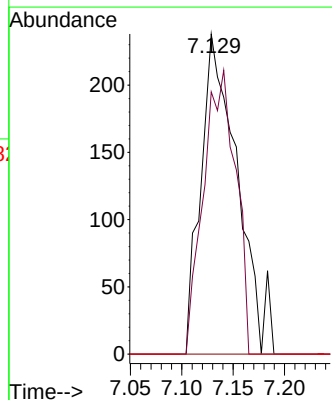
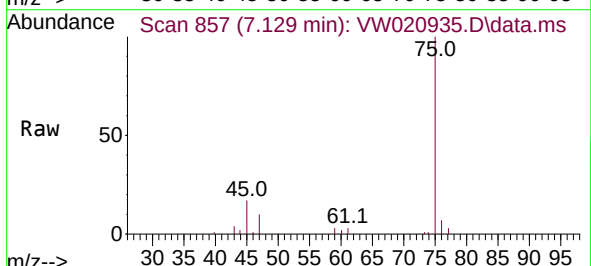
Tgt Ion: 43 Resp: 589

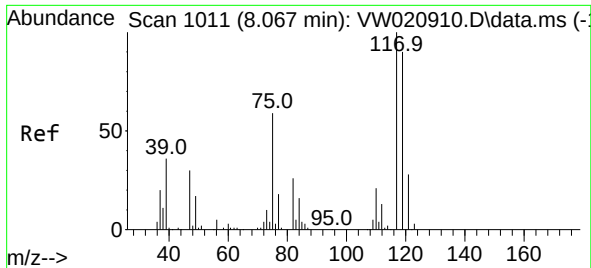
Ion Ratio Lower Upper

43 100

61 78.3 11.3 16.9#

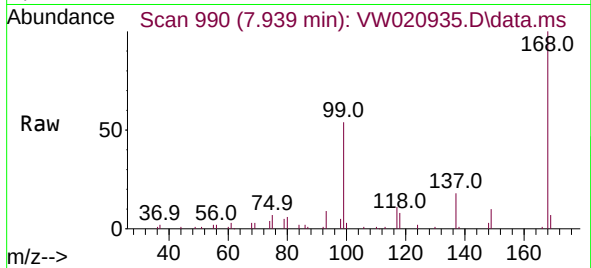
70 0.0 9.2 13.8#



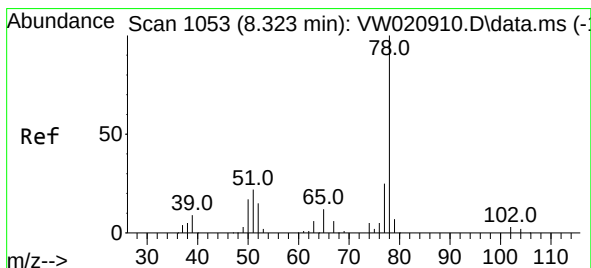
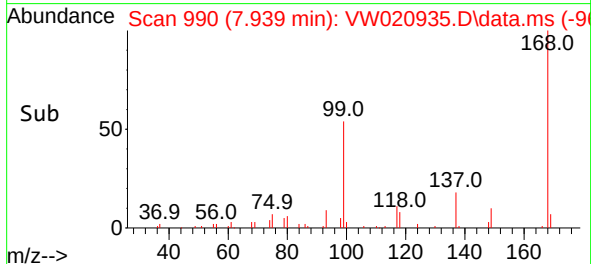
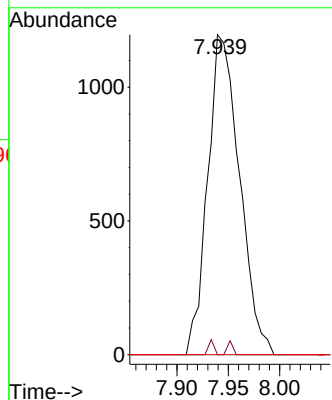


#38
Carbon Tetrachloride
Concen: 7.095 ug/l
RT: 7.939 min Scan# 91
Delta R.T. -0.128 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :

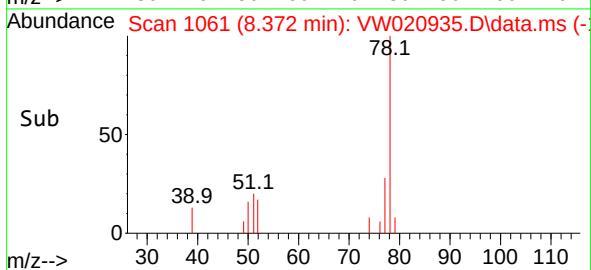
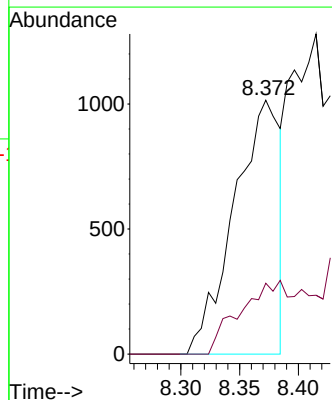
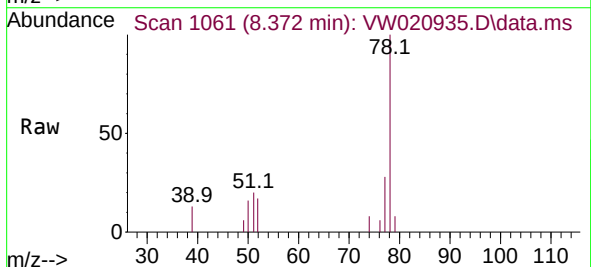


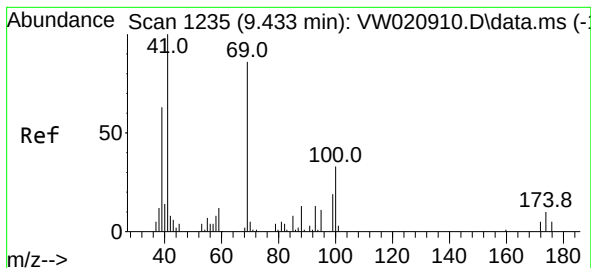
Tgt Ion:117 Resp: 2576
Ion Ratio Lower Upper
117 100
119 0.0 72.0 108.0#
121 0.0 22.6 33.8#



#40
Benzene
Concen: 2.822 ug/l
RT: 8.372 min Scan# 1061
Delta R.T. 0.049 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 78 Resp: 2746
Ion Ratio Lower Upper
78 100
77 27.9 20.0 30.0





#48

Methyl methacrylate

Concen: 6.717 ug/l

RT: 9.214 min Scan# 1199

Delta R.T. -0.219 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :

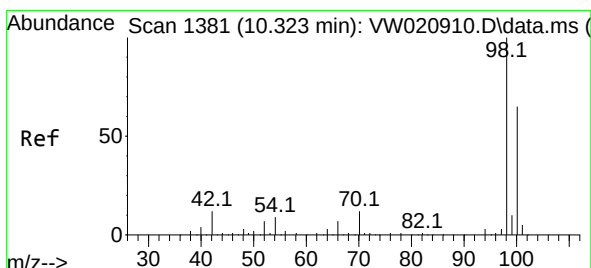
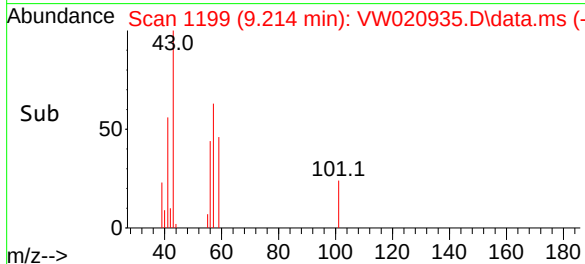
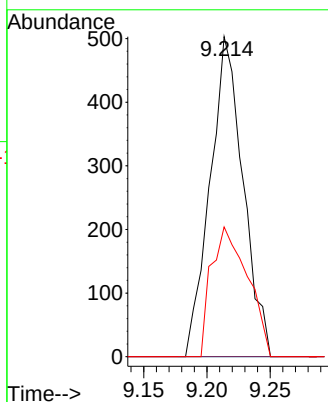
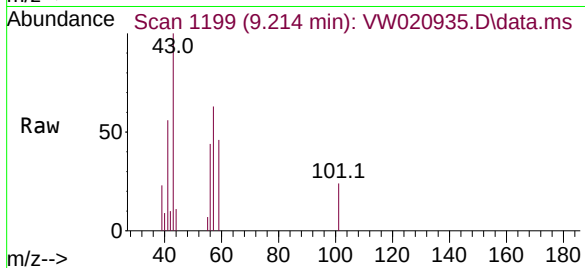
Tgt Ion: 41 Resp: 913

Ion Ratio Lower Upper

41 100

69 0.0 72.9 109.3#

39 44.6 54.2 81.4#



#50

Toluene-d8

Concen: 50.207 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020935.D

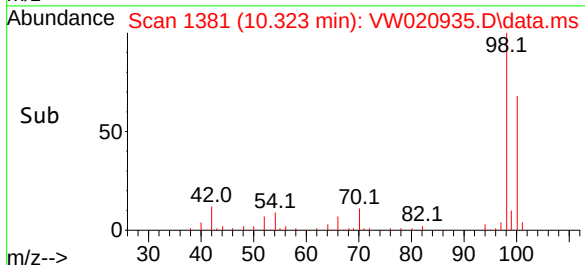
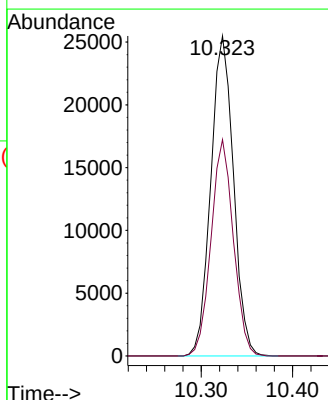
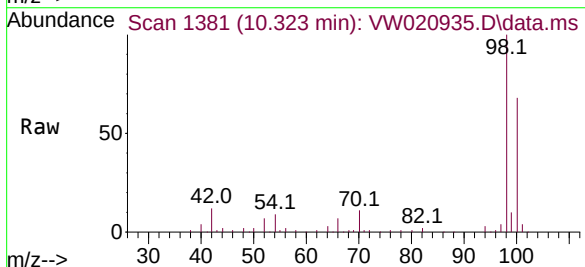
Acq: 22 Nov 2021 14:36

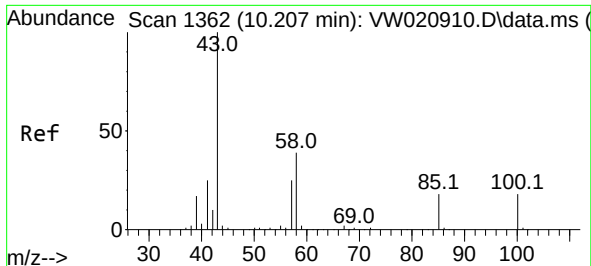
Tgt Ion: 98 Resp: 43884

Ion Ratio Lower Upper

98 100

100 66.6 52.6 79.0

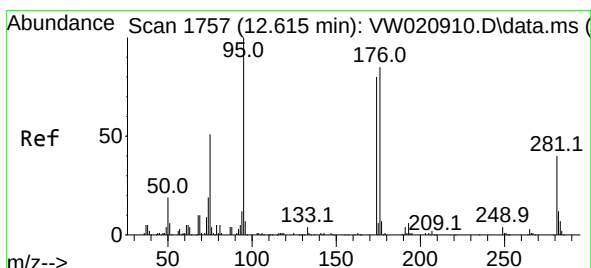
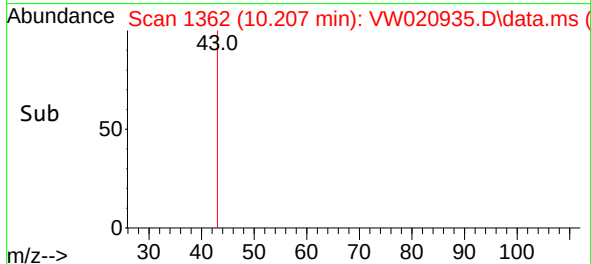
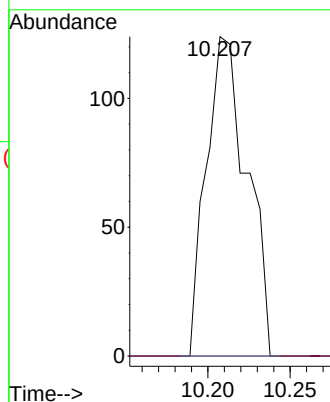
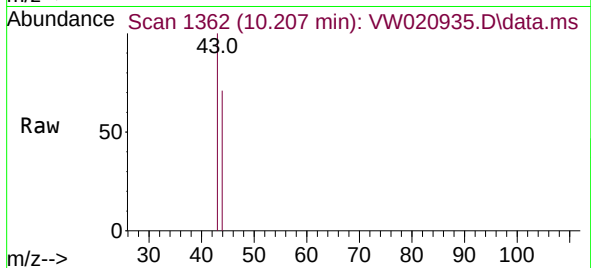




#51
4-Methyl-2-Pentanone
Concen: 1.376 ug/l
RT: 10.207 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

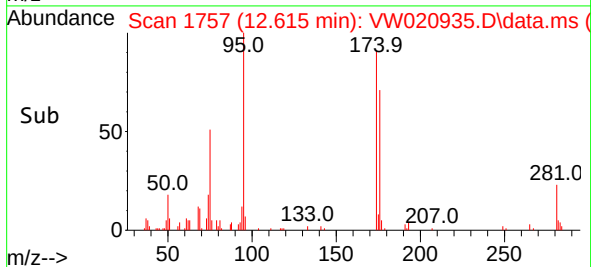
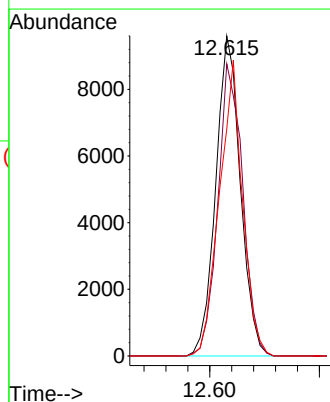
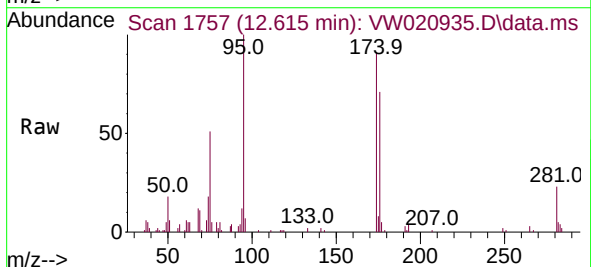
Instrument :
MSVOA_W
ClientSampleId :

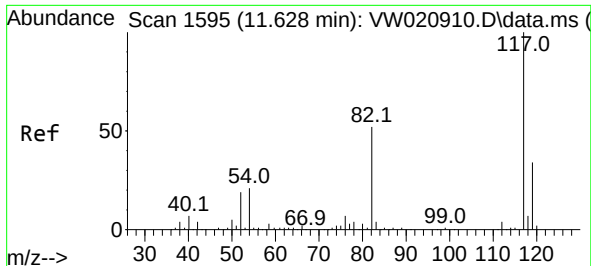
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.022 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 95 Resp: 15002
Ion Ratio Lower Upper
95 100
174 91.8 0.0 171.2
176 86.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020935.D

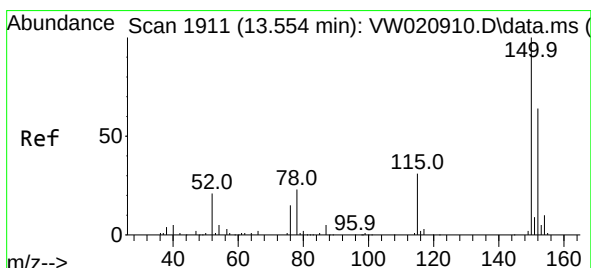
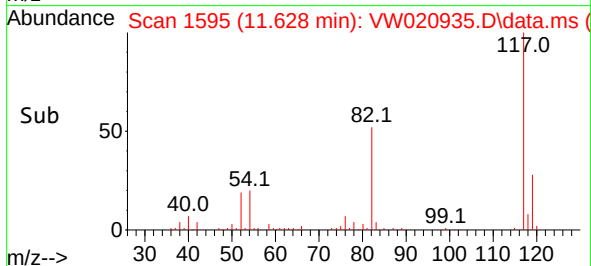
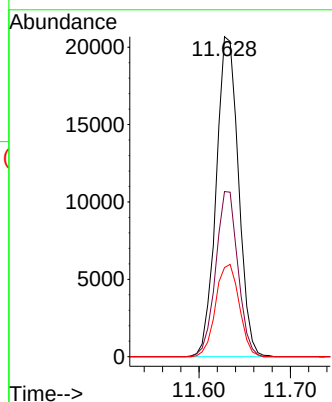
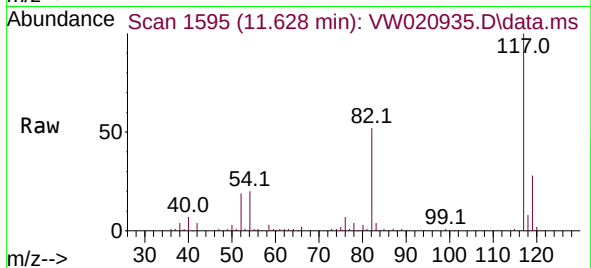
Acq: 22 Nov 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp:	35097
Ion	Ratio	Lower Upper
117	100	
82	51.6	41.4 62.2
119	27.9	27.2 40.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

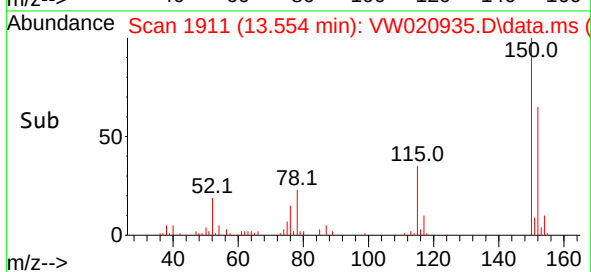
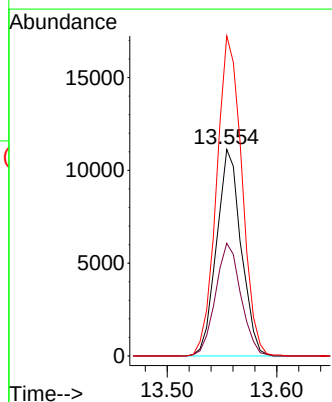
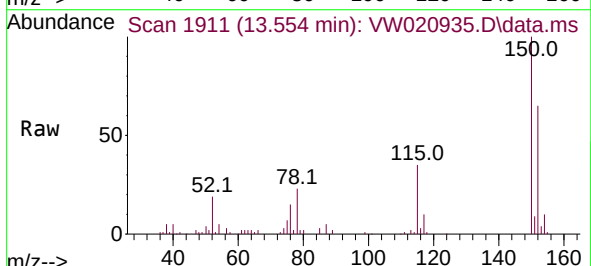
RT: 13.554 min Scan# 1911

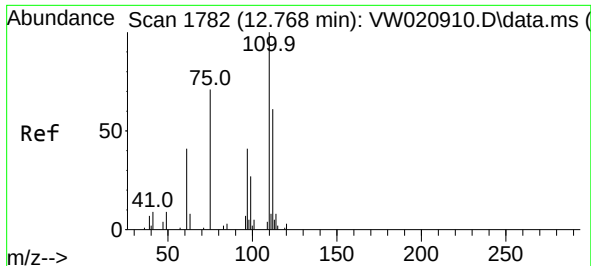
Delta R.T. 0.000 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

Tgt Ion:152	Resp:	17318
Ion	Ratio	Lower Upper
152	100	
115	56.4	27.8 83.3
150	159.4	0.0 348.4

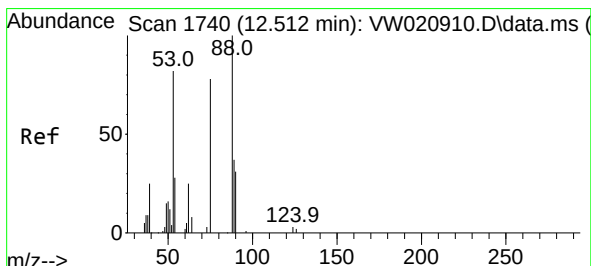
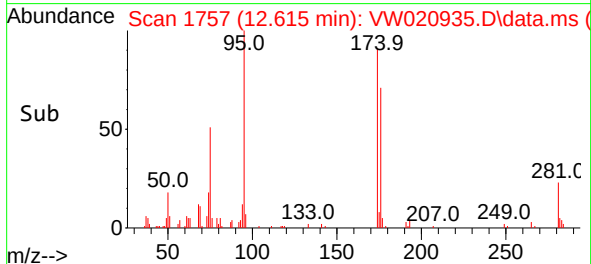
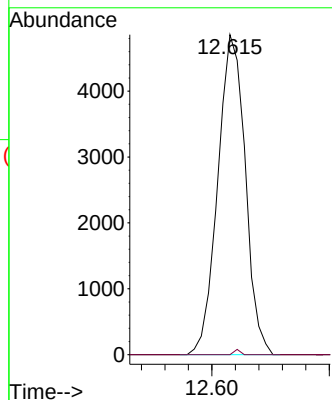
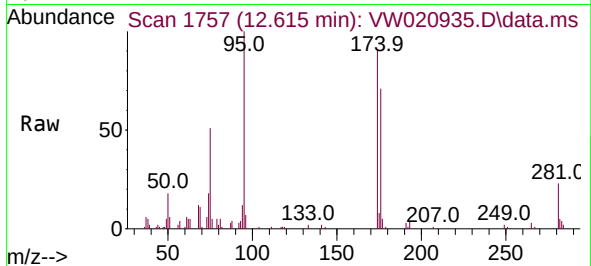




#76
1,2,3-Trichloropropane
Concen: 50.721 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 7892
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.311 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 75 Resp: 7892
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.0 38.6 57.8#

