

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020945.D
 Acq On : 22 Nov 2021 18:37
 Operator : SY/VA
 Sample : M4804-01
 Misc : 5.08g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 23 02:26:57 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)

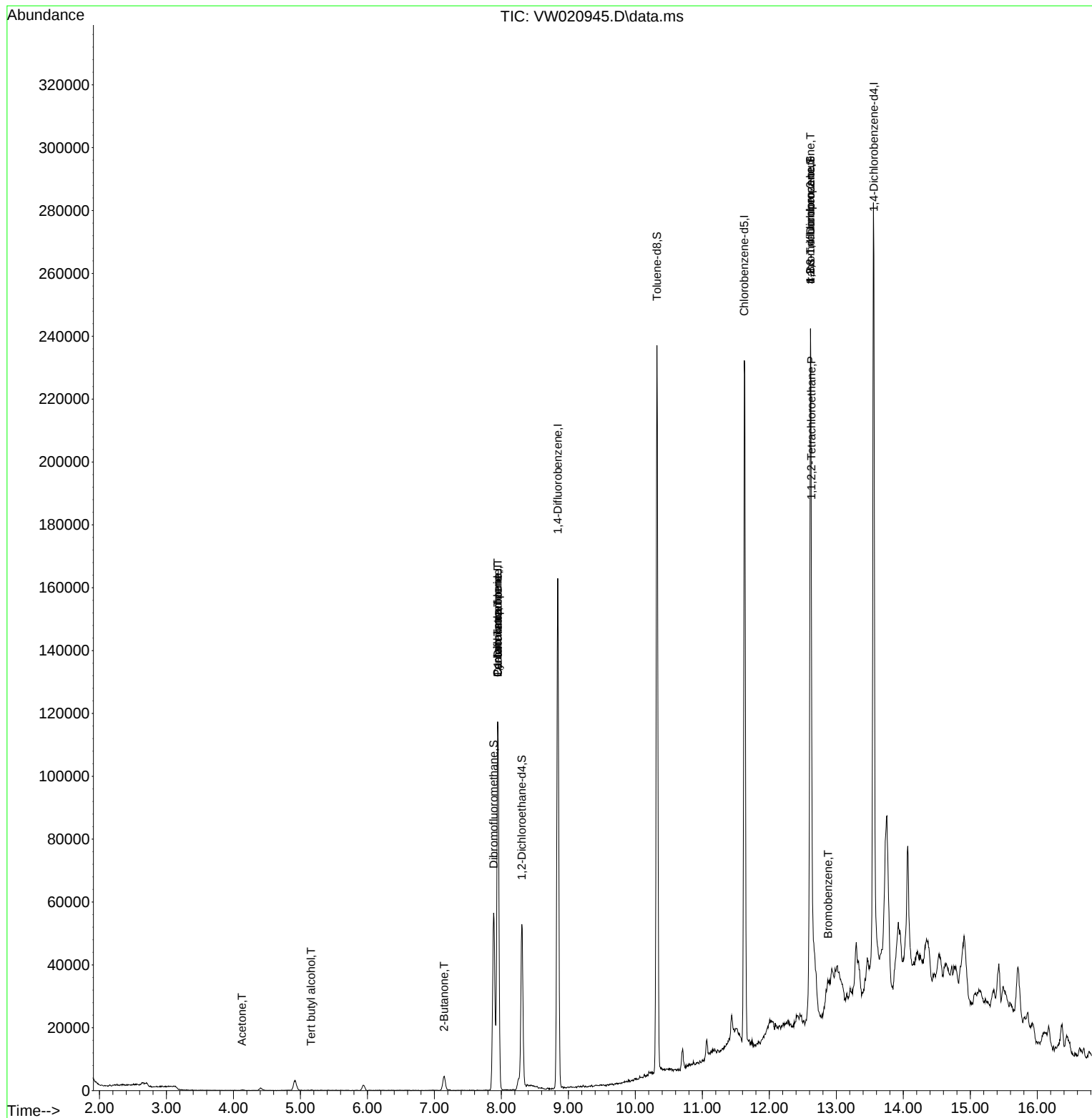
Internal Standards						
1) Pentafluorobenzene	7.945	168	91636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	137948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	122008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	60737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	41131	48.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.884	113	39937	46.155	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.300%		
50) Toluene-d8	10.323	98	147508	46.481	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.960%		
62) 4-Bromofluorobenzene	12.615	95	64111	54.169	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.340%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.159	59	114	1.524	ug/l #	84
16) Acetone	4.129	43	461	2.613	ug/l #	44
20) Methylene Chloride	4.915	84	2533	Below Cal		90
25) 2-Butanone	7.146	43	288	1.149	ug/l #	49
31) Cyclohexane	7.945	56	1821	1.286	ug/l #	29
36) 1,1-Dichloropropene	7.945	75	6181	4.988	ug/l #	51
38) Carbon Tetrachloride	7.945	117	8425	6.391	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.627	83	10157	14.027	ug/l #	28
76) 1,2,3-Trichloropropane	12.615	75	28337	51.927	ug/l #	100
77) Bromobenzene	12.877	156	5160	5.118	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	28337	122.149	ug/l #	9

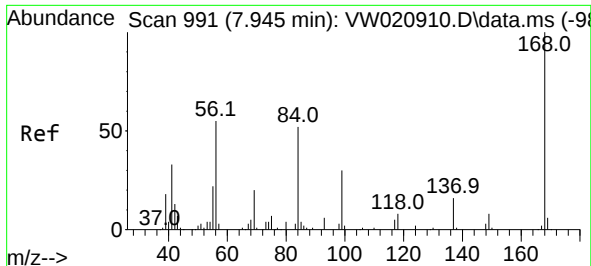
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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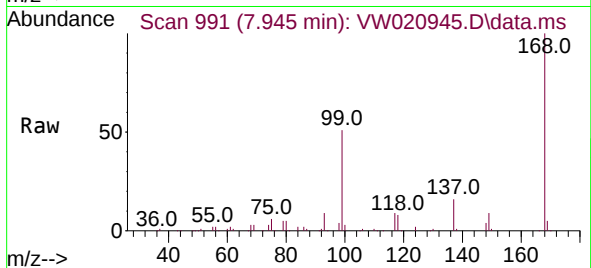
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 05:03:38 2021
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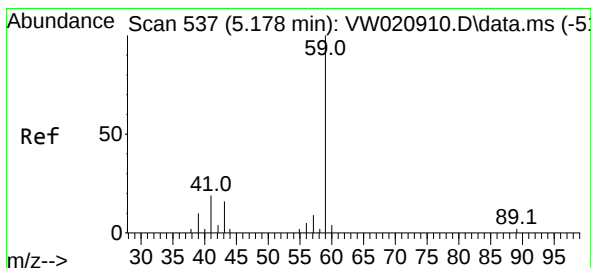
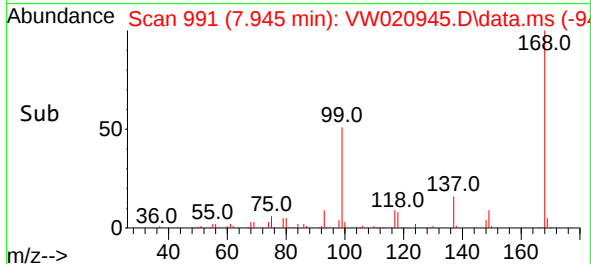
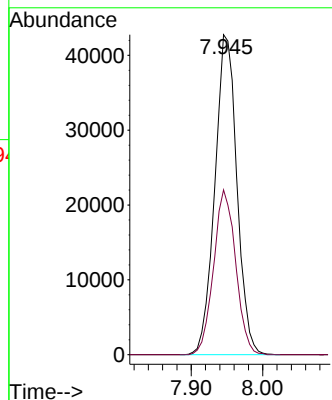


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Instrument :
MSVOA_W
ClientSampleId :

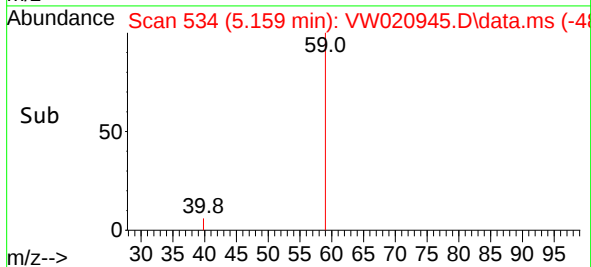
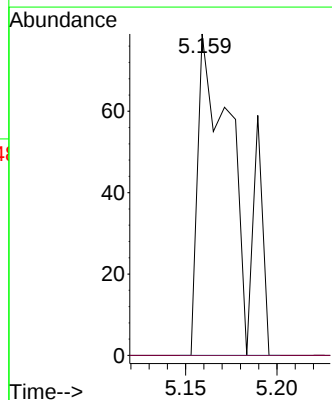
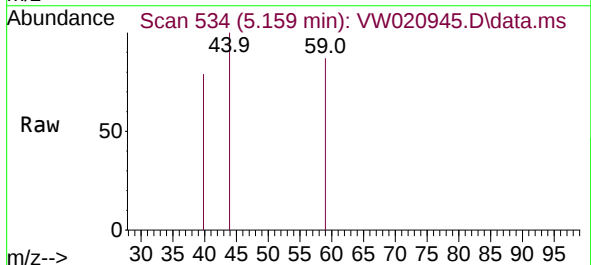


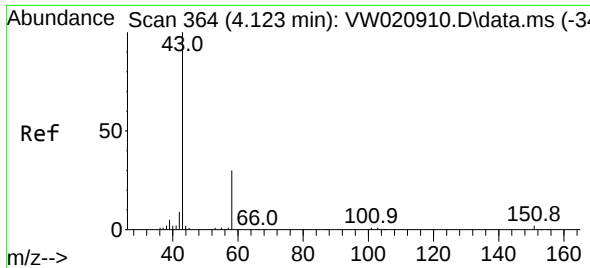
Tgt Ion:168 Resp: 91636
Ion Ratio Lower Upper
168 100
99 51.5 41.6 62.4



#11
Tert butyl alcohol
Concen: 1.524 ug/l
RT: 5.159 min Scan# 534
Delta R.T. -0.019 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

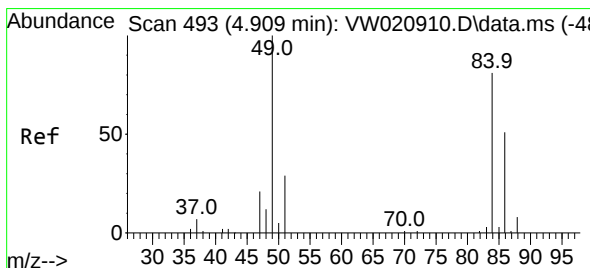
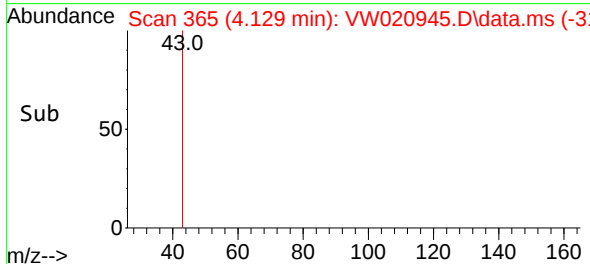
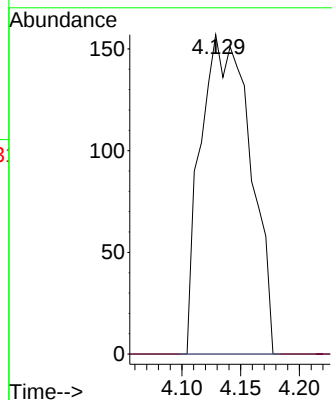
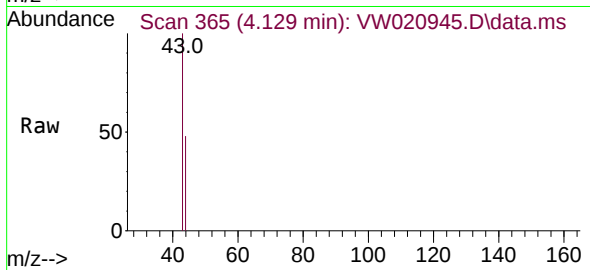




#16
Acetone
Concen: 2.613 ug/l
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

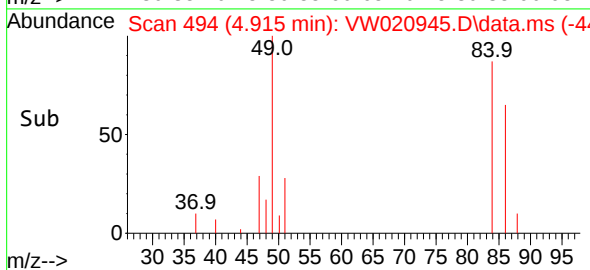
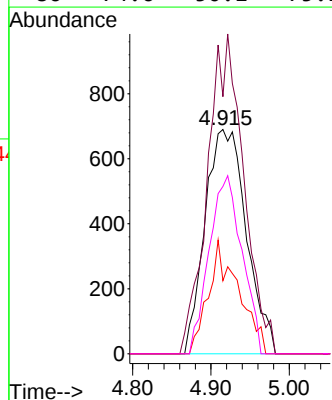
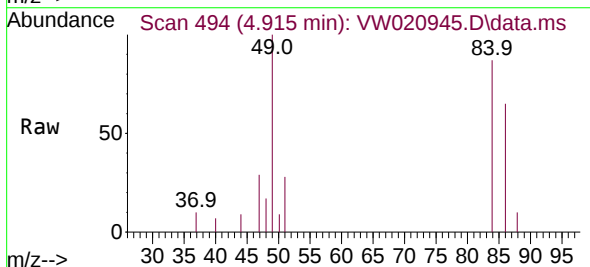
Instrument :
MSVOA_W
ClientSampleId :

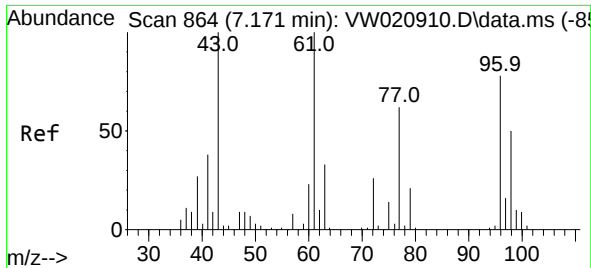
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 84 Resp: 2533
Ion Ratio Lower Upper
84 100
49 114.6 99.1 148.7
51 32.6 28.8 43.2
86 74.6 50.1 75.1

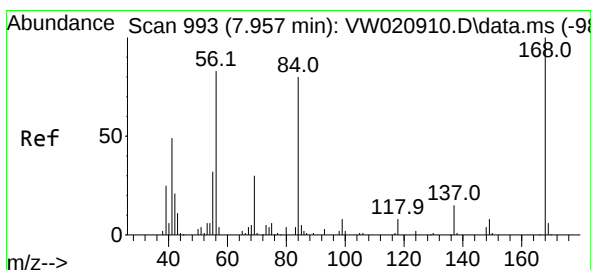
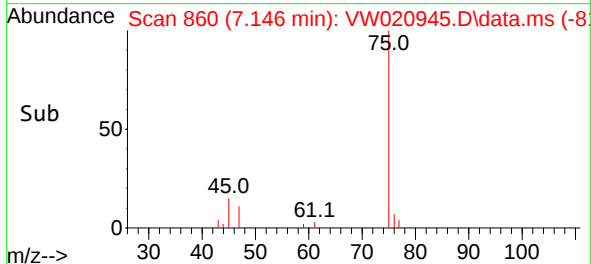
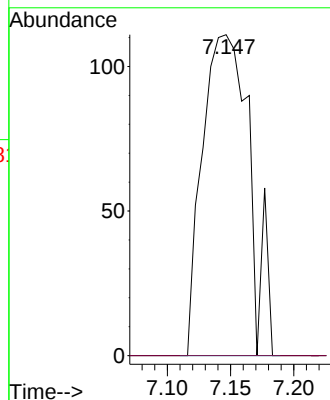
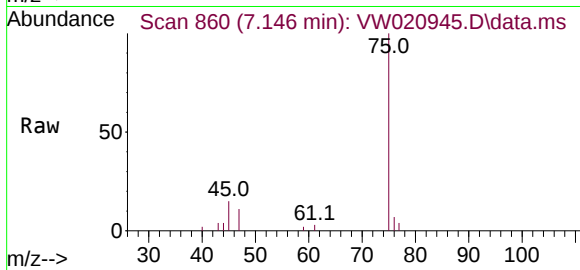




#25
2-Butanone
Concen: 1.149 ug/l
RT: 7.146 min Scan# 80
Delta R.T. -0.025 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

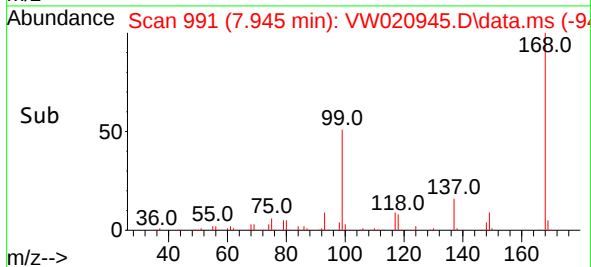
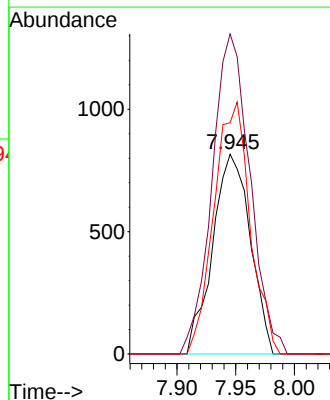
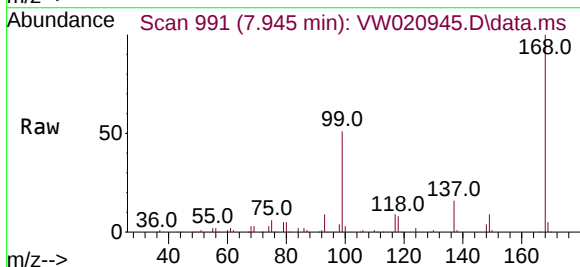
Instrument :
MSVOA_W
ClientSampleId :

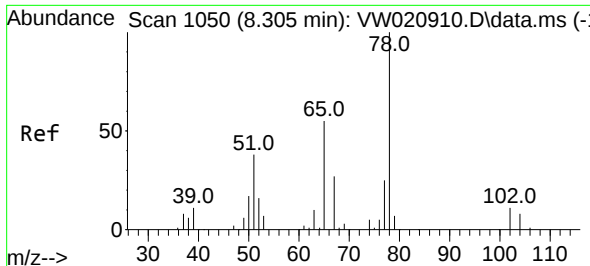
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 56 Resp: 1821
Ion Ratio Lower Upper
56 100
69 160.3 28.7 43.1#
84 115.8 77.6 116.4

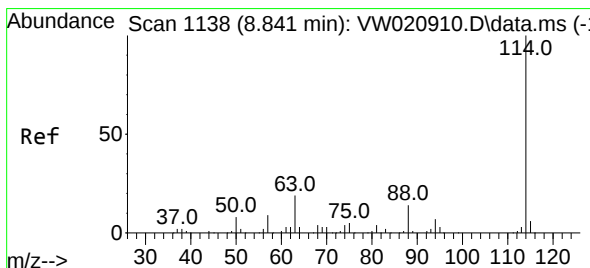
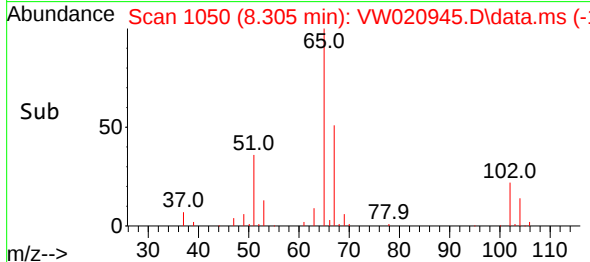
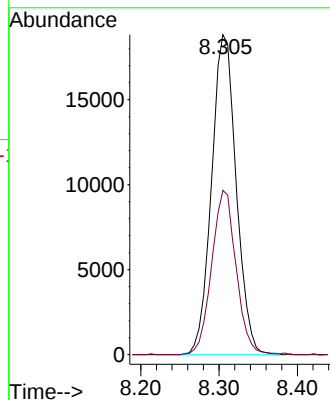
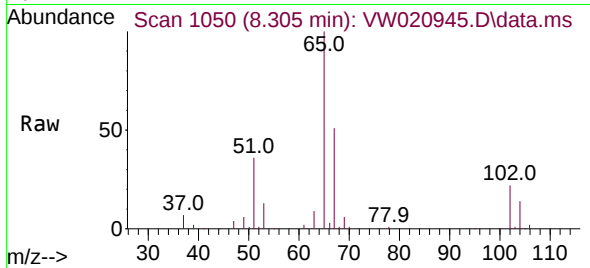




#33
 1,2-Dichloroethane-d4
 Concen: 48.457 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW020945.D
 Acq: 22 Nov 2021 18:37

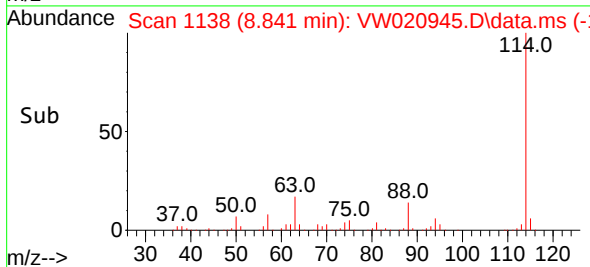
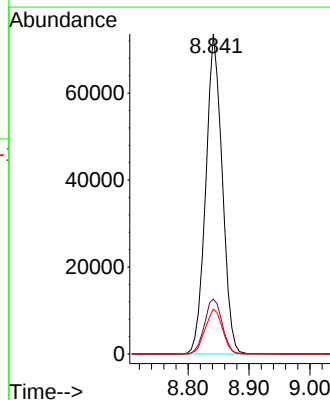
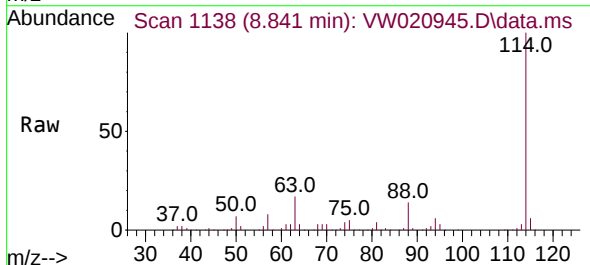
Instrument :
 MSVOA_W
 ClientSampleId :

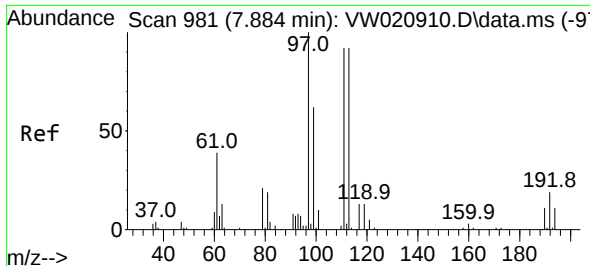
Tgt Ion: 65 Resp: 41131
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020945.D
 Acq: 22 Nov 2021 18:37

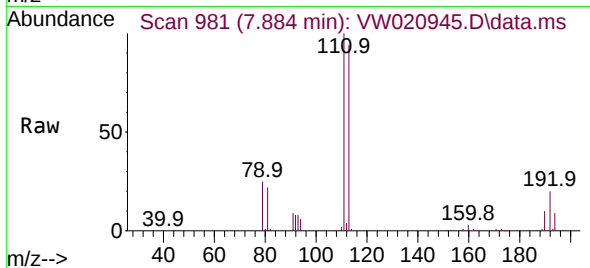
Tgt Ion: 114 Resp: 137948
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 37.2
 88 14.1 0.0 28.8



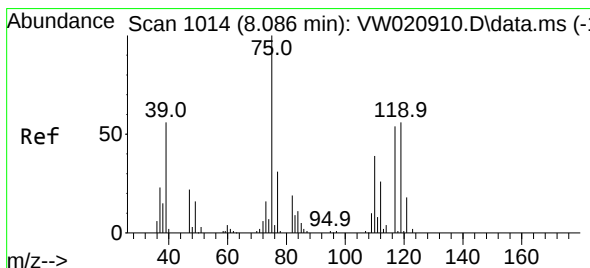
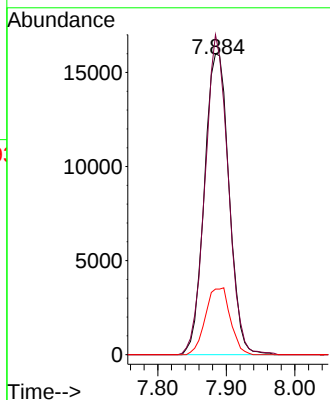
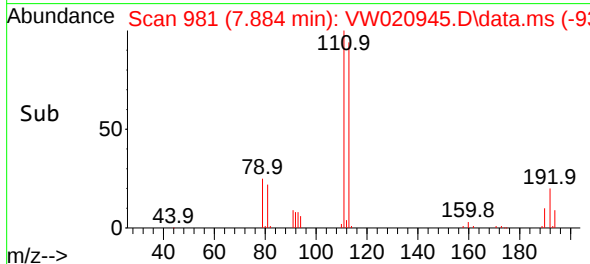


#35
Dibromofluoromethane
Concen: 46.155 ug/l
RT: 7.884 min Scan# 991
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Instrument :
MSVOA_W
ClientSampleId :

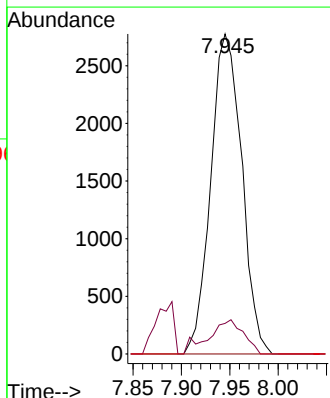
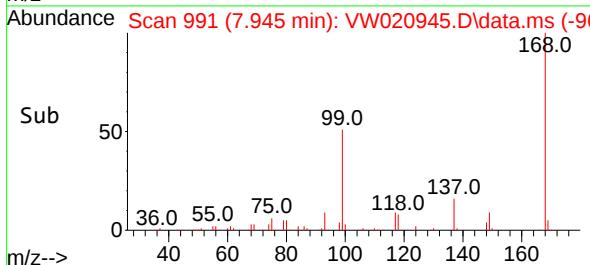
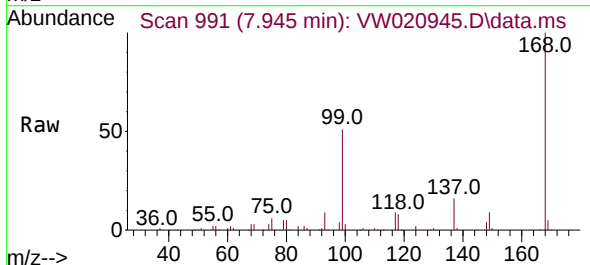


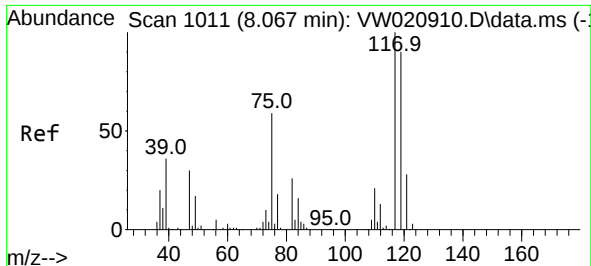
Tgt Ion:113 Resp: 39937
Ion Ratio Lower Upper
113 100
111 100.3 81.2 121.8
192 22.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

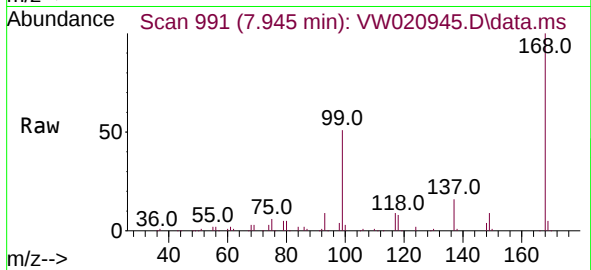
Tgt Ion: 75 Resp: 6181
Ion Ratio Lower Upper
75 100
110 12.1 19.1 57.5#
77 0.0 24.8 37.2#



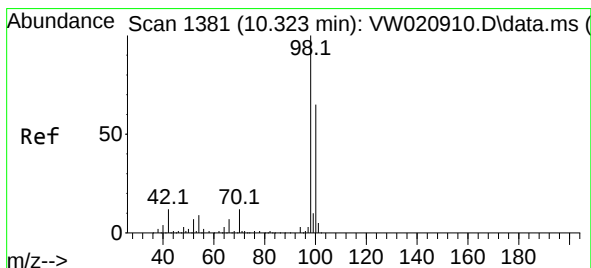
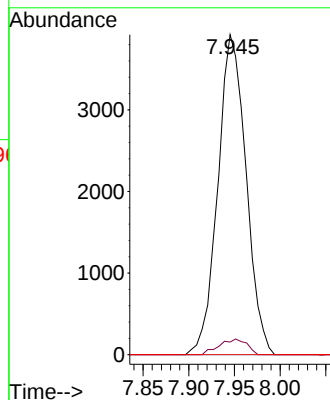
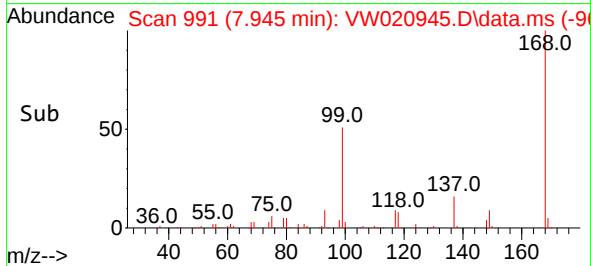


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Instrument :
MSVOA_W
ClientSampleId :

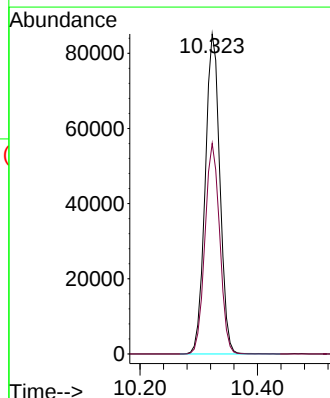
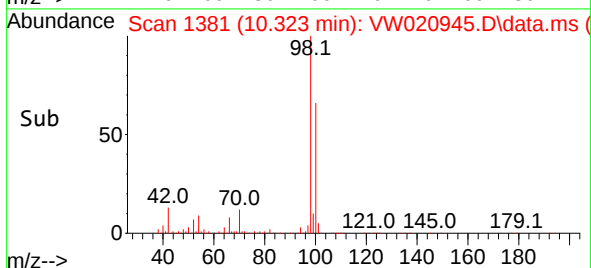
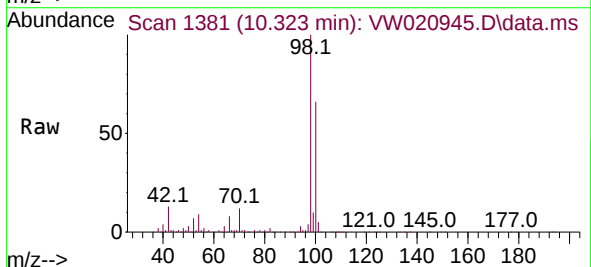


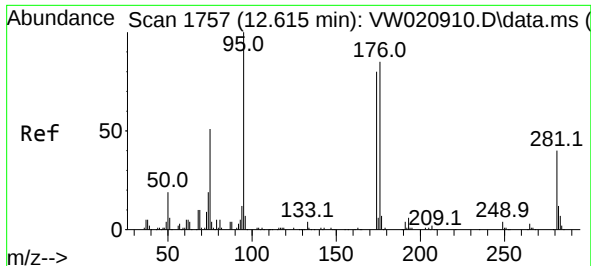
Tgt Ion:117 Resp: 8425
Ion Ratio Lower Upper
117 100
119 4.0 72.0 108.0#
121 0.0 22.6 33.8#



#50
Toluene-d8
Concen: 46.481 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 98 Resp: 147508
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0

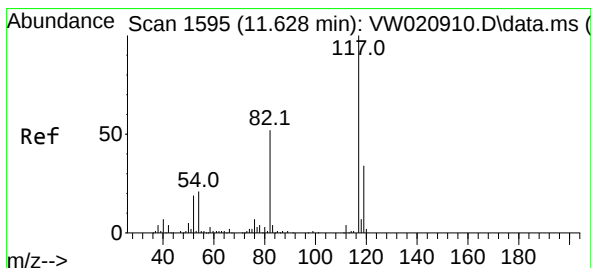
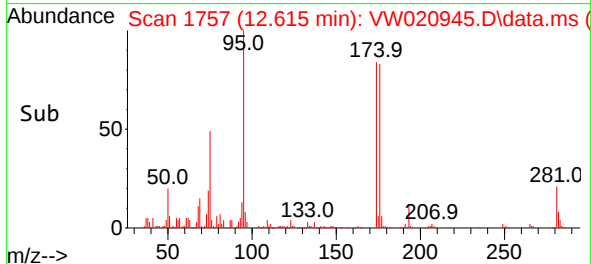
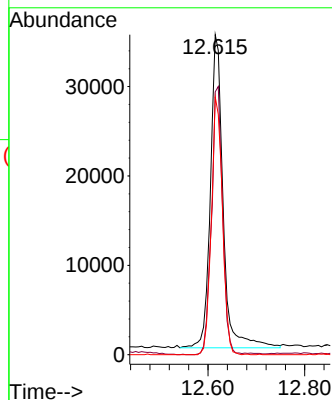
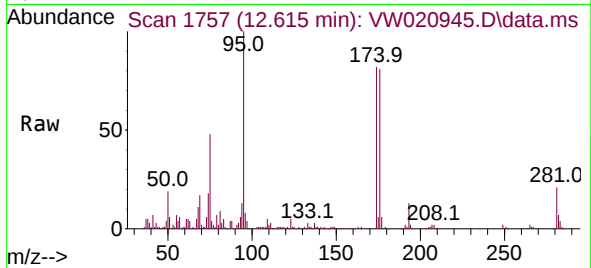




#62
4-Bromofluorobenzene
Concen: 54.169 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

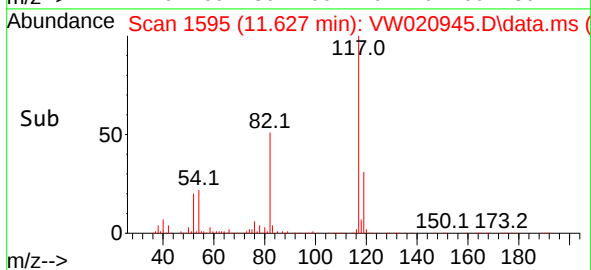
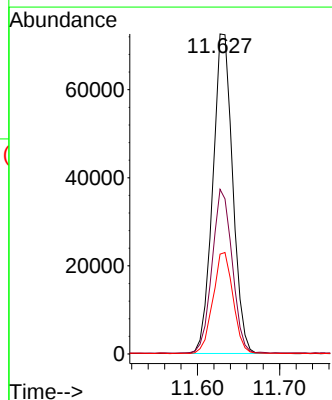
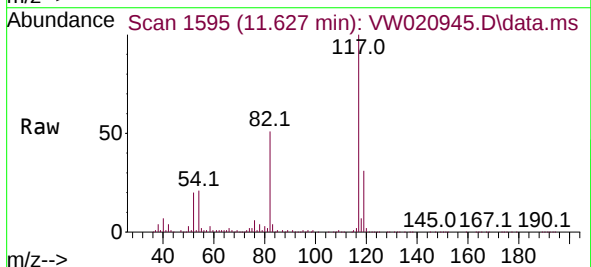
Instrument :
MSVOA_W
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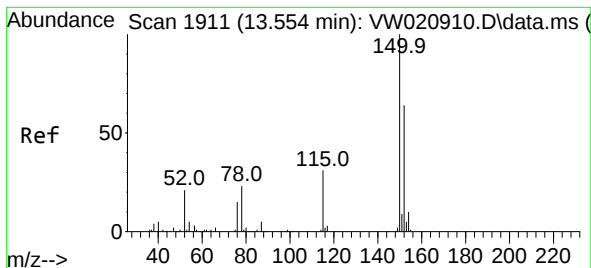
Tgt Ion: 95 Resp: 64111
Ion Ratio Lower Upper
95 100
174 74.3 0.0 171.2
176 71.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 117 Resp: 122008
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.1 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.560 min Scan# 1911

Delta R.T. 0.006 min

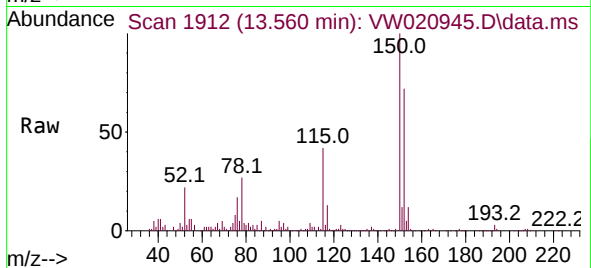
Lab File: VW020945.D

Acq: 22 Nov 2021 18:37

Instrument :

MSVOA_W

ClientSampleId :



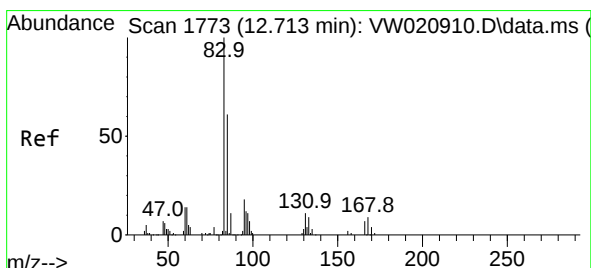
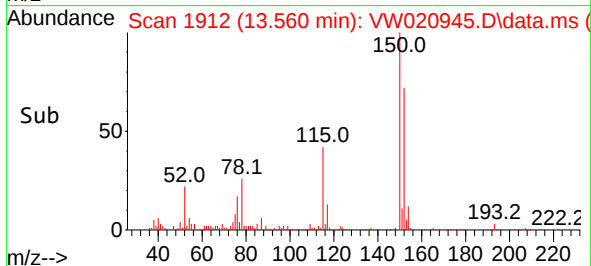
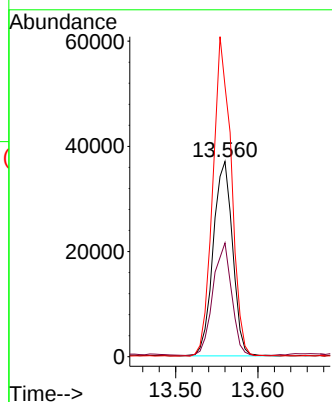
Tgt Ion:152 Resp: 60737

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 155.8 0.0 348.4



#75

1,1,2,2-Tetrachloroethane

Concen: 14.027 ug/l

RT: 12.627 min Scan# 1759

Delta R.T. -0.086 min

Lab File: VW020945.D

Acq: 22 Nov 2021 18:37

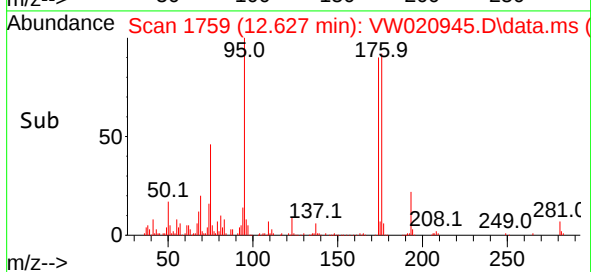
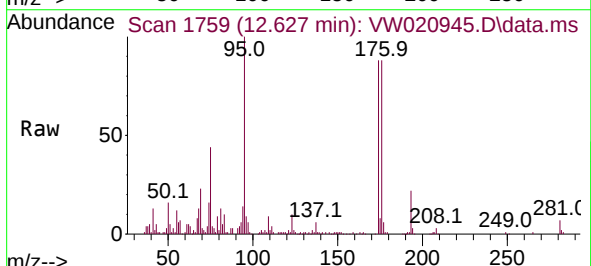
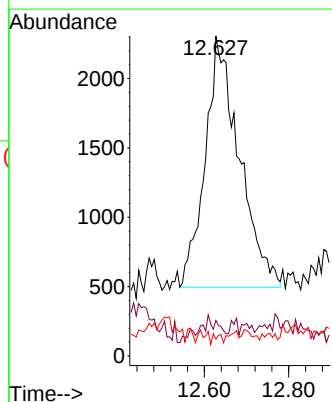
Tgt Ion: 83 Resp: 10157

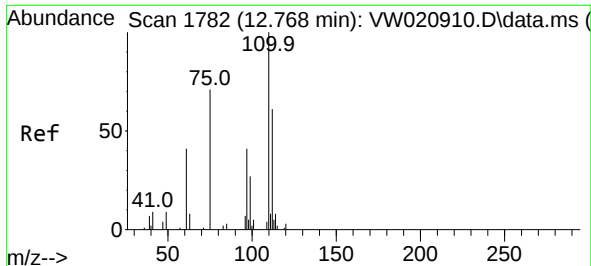
Ion Ratio Lower Upper

83 100

131 1.7 5.9 17.6#

85 1.0 32.0 96.0#

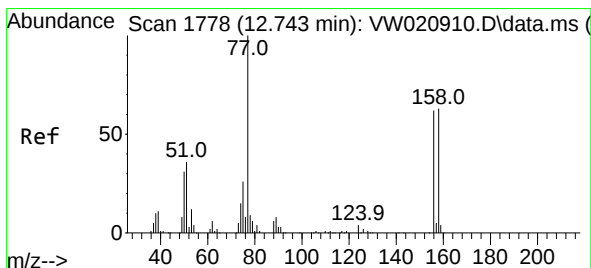
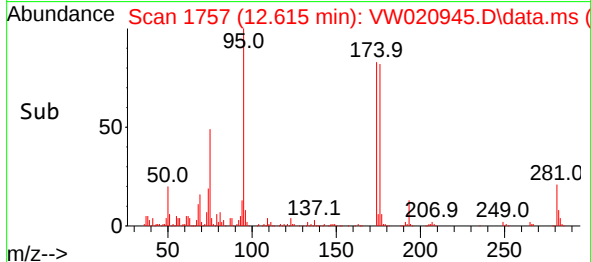
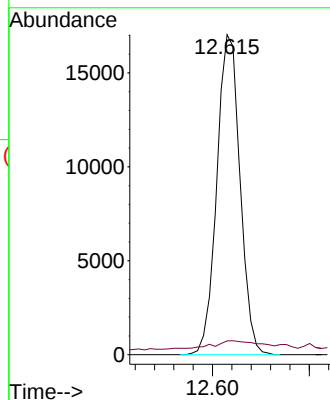
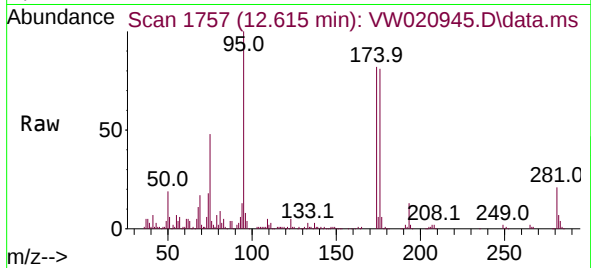




#76
1,2,3-Trichloropropane
Concen: 51.927 ug/l
RT: 12.615 min Scan# 11
Delta R.T. -0.153 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

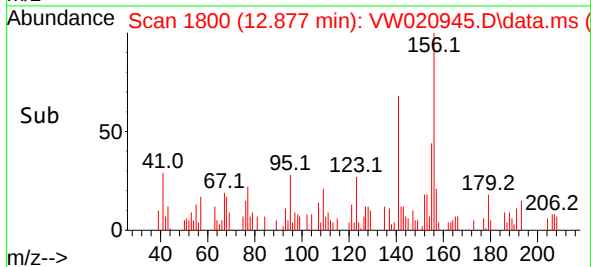
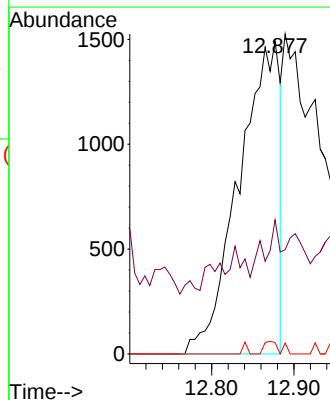
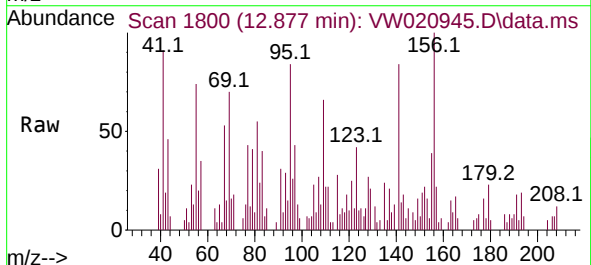
Instrument :
MSVOA_W
ClientSampleId :

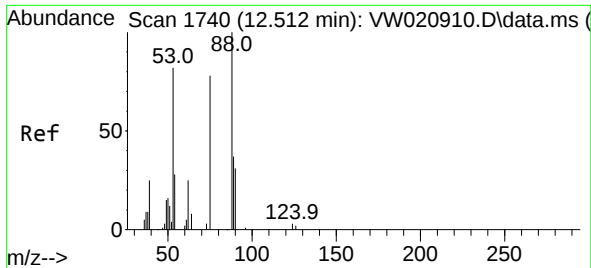
Tgt Ion: 75 Resp: 28337
Ion Ratio Lower Upper
75 100
77 5.8 0.0 0.0#



#77
Bromobenzene
Concen: 5.118 ug/l
RT: 12.877 min Scan# 1800
Delta R.T. 0.134 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

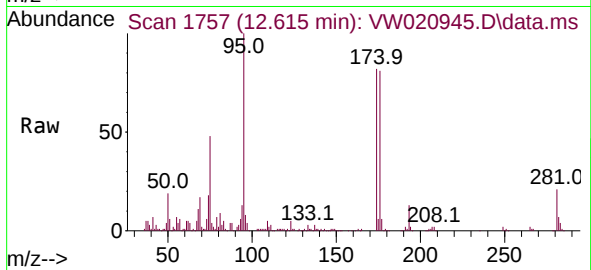
Tgt Ion:156 Resp: 5160
Ion Ratio Lower Upper
156 100
77 7.1 87.0 261.0#
158 1.6 49.8 149.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.149 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW020945.D
 Acq: 22 Nov 2021 18:37

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 28337
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.8 122.8#
 89 0.5 38.6 57.8#

