

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020932.D
 Acq On : 22 Nov 2021 12:43
 Operator : SY/VA
 Sample : VW1122SBL01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 23 02:22:16 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	76251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	113007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	103437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	52859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	39275	55.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.884	113	40459	57.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.160%
50) Toluene-d8	10.323	98	152333	58.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.200%
62) 4-Bromofluorobenzene	12.615	95	54460	56.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.340%

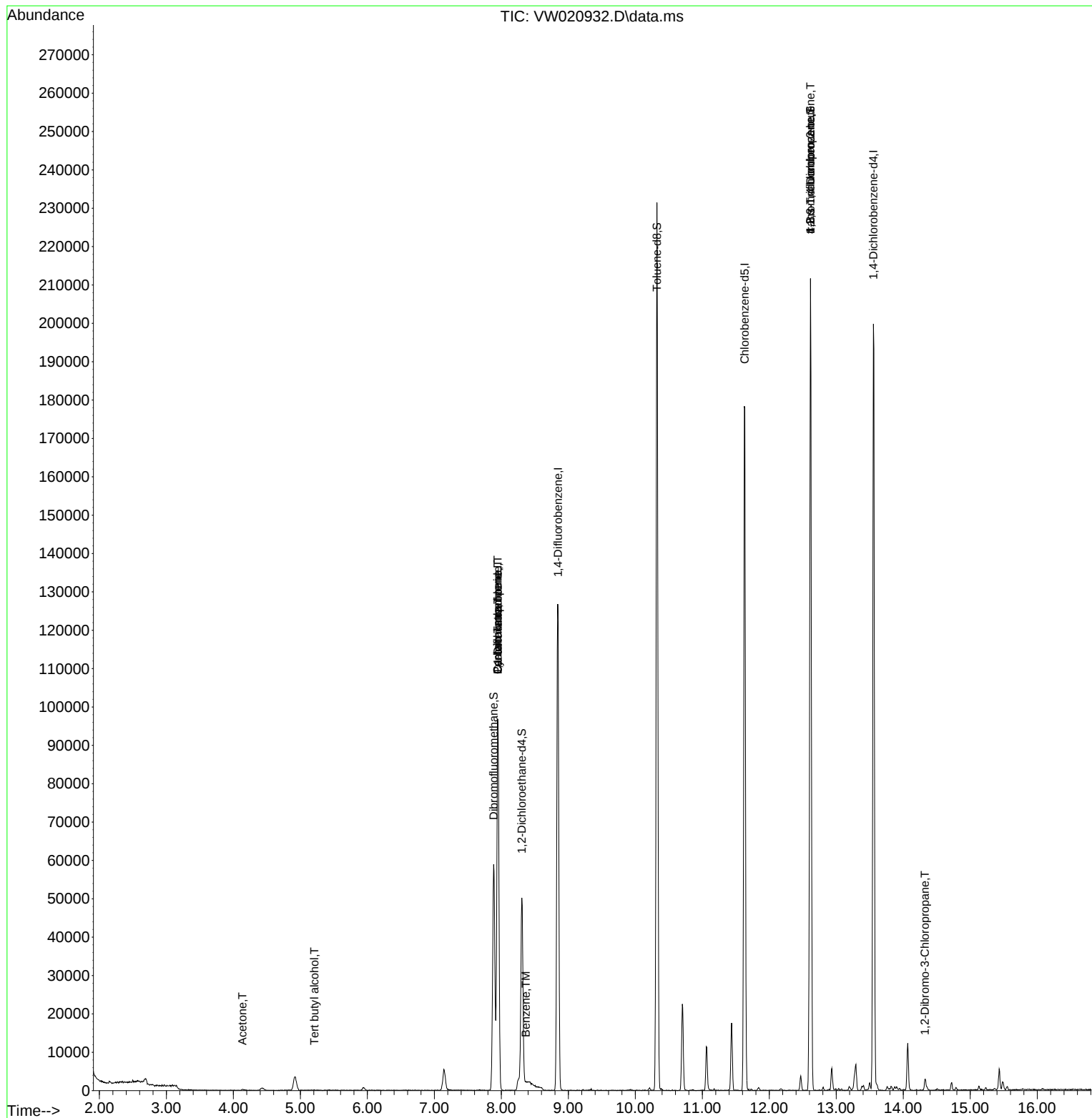
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.208	59	73	1.173	ug/l #	84
16) Acetone	4.135	43	605	4.121	ug/l	98
20) Methylene Chloride	4.922	84	3023	Below Cal	#	89
31) Cyclohexane	7.945	56	1531	1.299	ug/l #	29
36) 1,1-Dichloropropene	7.945	75	5184	5.106	ug/l #	49
38) Carbon Tetrachloride	7.945	117	7261	6.723	ug/l #	18
40) Benzene	8.366	78	3036	1.049	ug/l #	88
76) 1,2,3-Trichloropropane	12.615	75	28793	60.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	28793	142.613	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.322	75	357	3.226	ug/l #	1

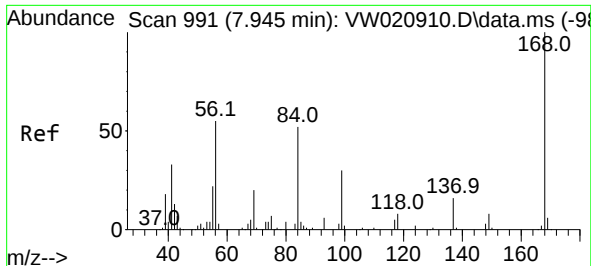
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
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Operator : SY/VA
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Misc : 5.00g/5.0mL/MSVOA_W/SOIL
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MSVOA_W
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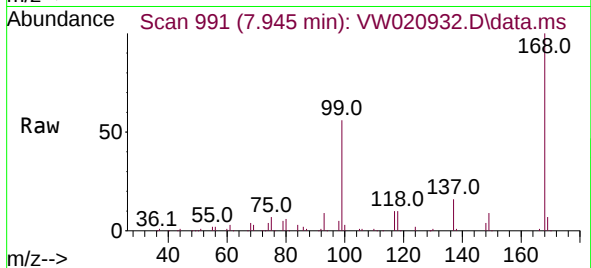
Quant Time: Nov 23 02:22:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 05:03:38 2021
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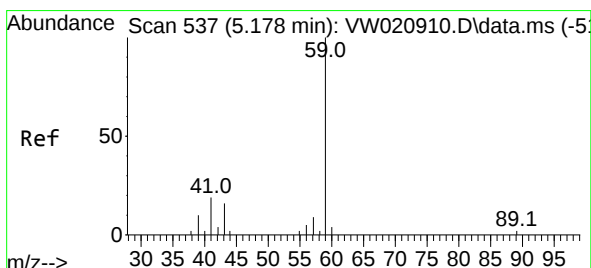
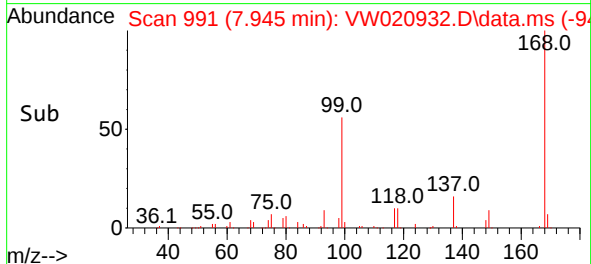
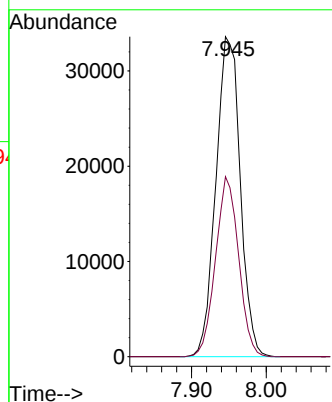


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :

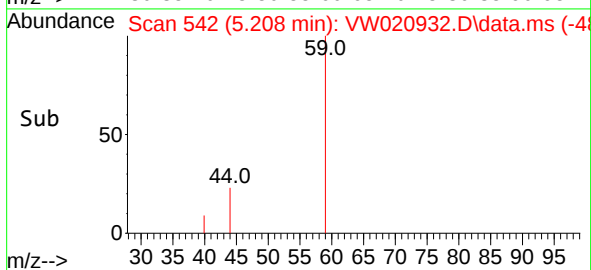
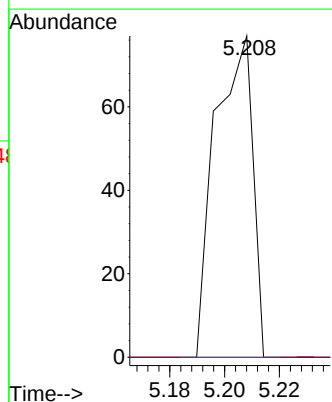
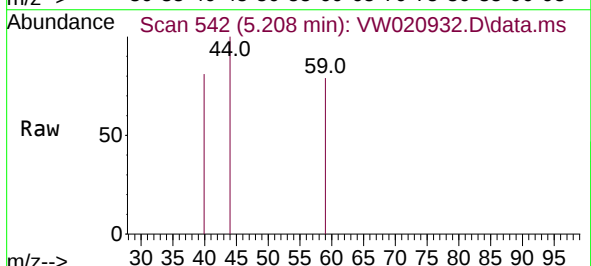


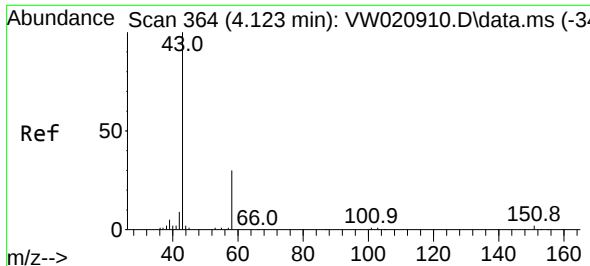
Tgt Ion:168 Resp: 76251
Ion Ratio Lower Upper
168 100
99 56.3 41.6 62.4



#11
Tert butyl alcohol
Concen: 1.173 ug/l
RT: 5.208 min Scan# 542
Delta R.T. 0.030 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

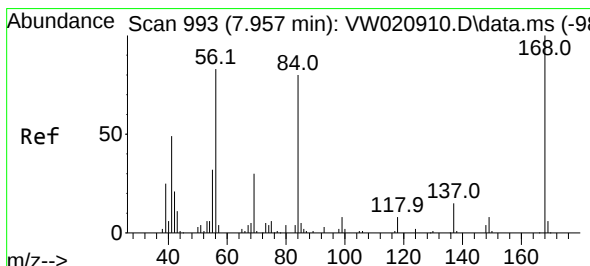
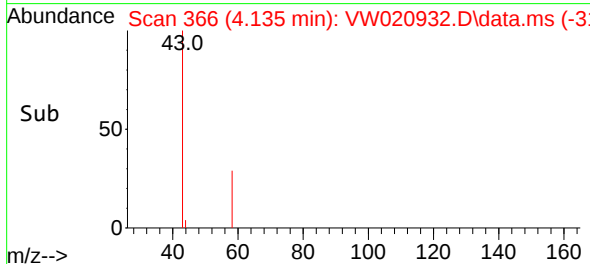
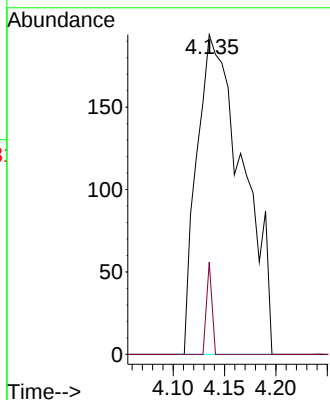
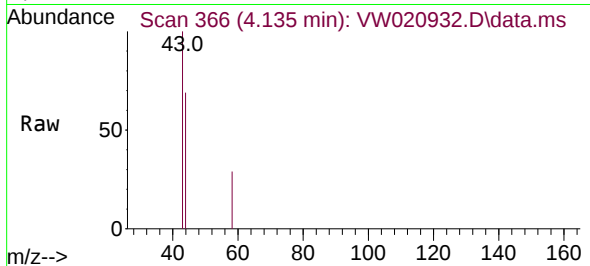




#16
Acetone
Concen: 4.121 ug/l
RT: 4.135 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

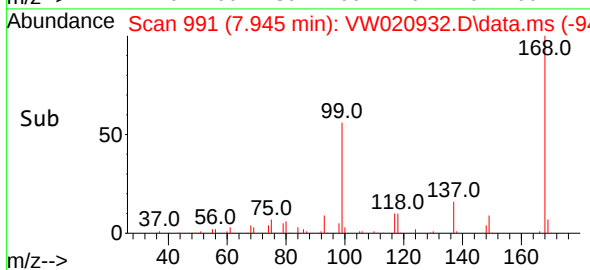
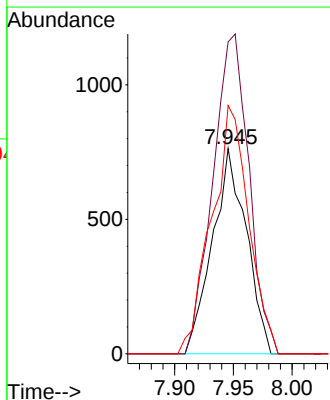
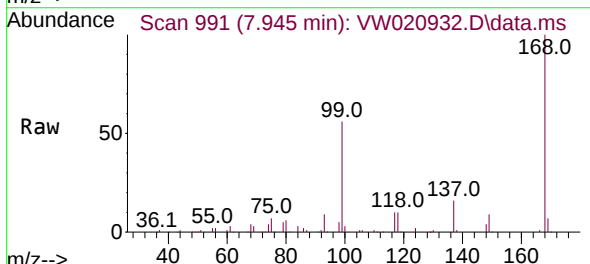
Instrument :
MSVOA_W
ClientSampleId :

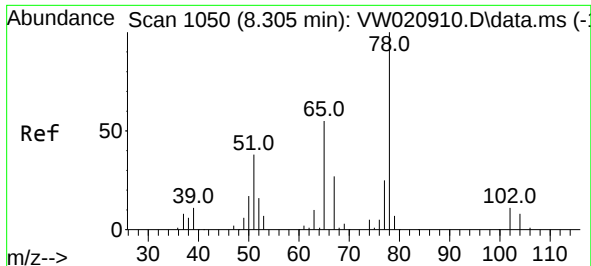
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.2



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Tgt Ion: 56 Resp: 1531
Ion Ratio Lower Upper
56 100
69 151.9 28.7 43.1#
84 121.0 77.6 116.4#





#33

1,2-Dichloroethane-d4

Concen: 55.606 ug/l

RT: 8.305 min Scan# 110

Delta R.T. 0.000 min

Lab File: VW020932.D

Acq: 22 Nov 2021 12:43

Instrument :

MSVOA_W

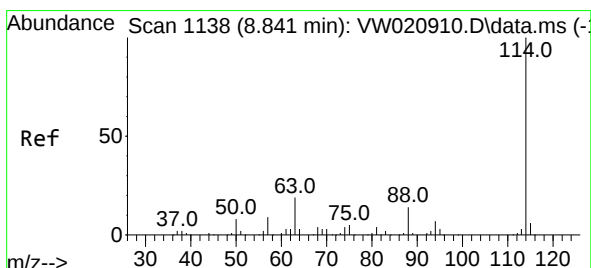
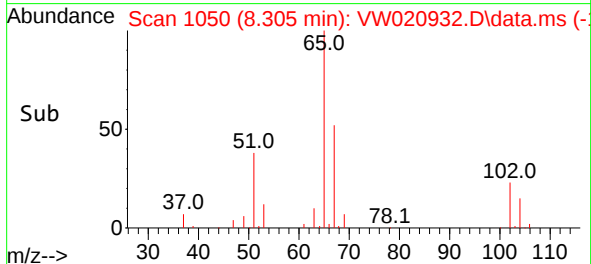
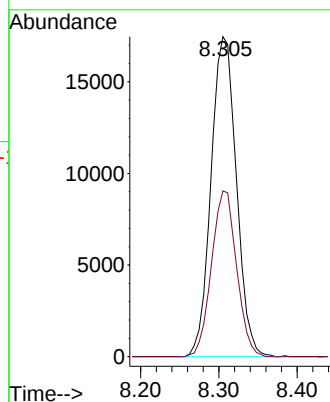
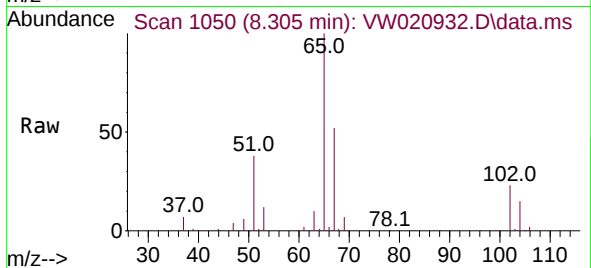
ClientSampleId :

Tgt Ion: 65 Resp: 39275

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW020932.D

Acq: 22 Nov 2021 12:43

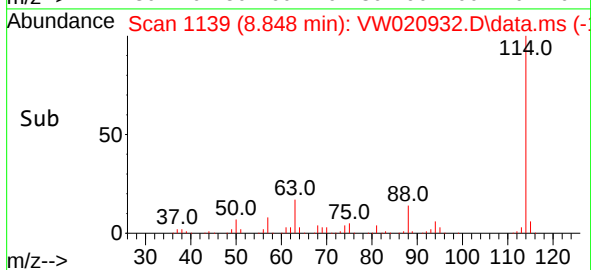
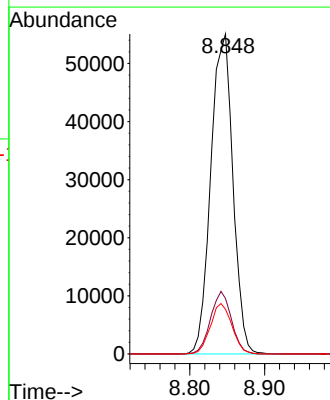
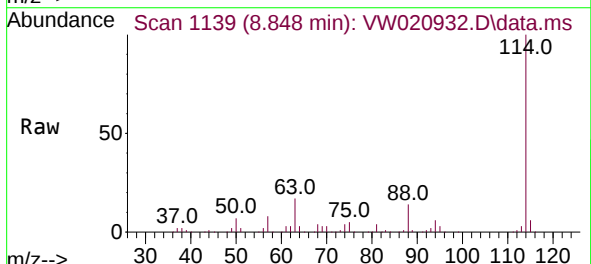
Tgt Ion: 114 Resp: 113007

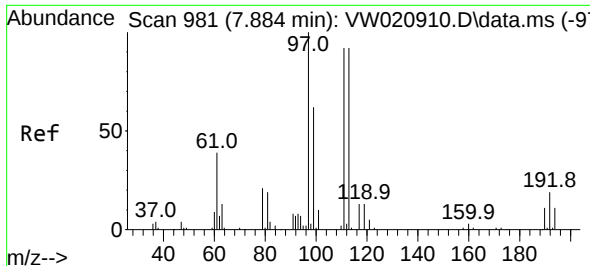
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.2

88 13.9 0.0 28.8

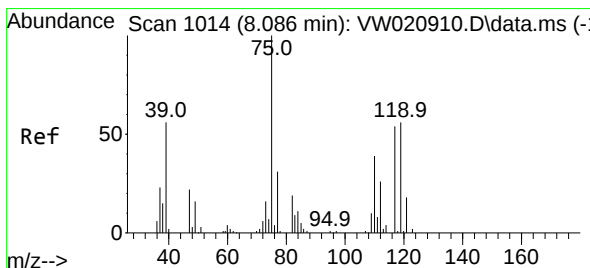
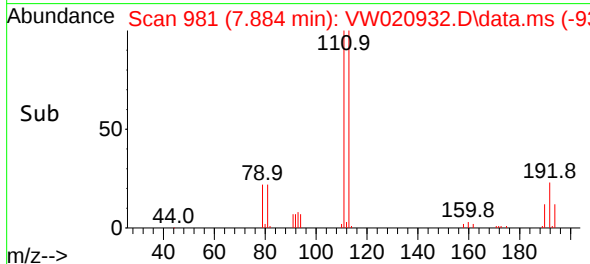
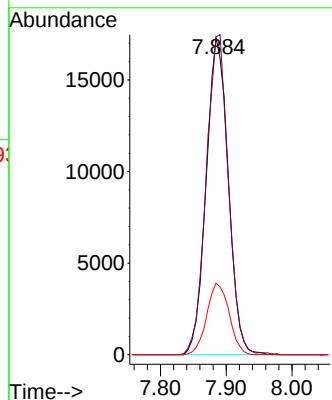
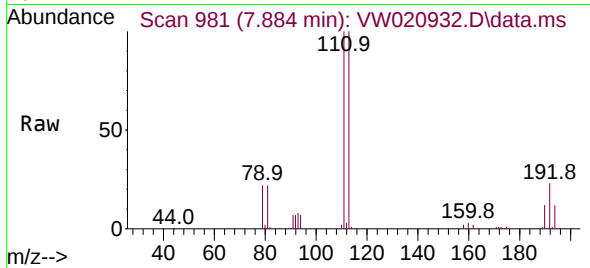




#35
Dibromofluoromethane
Concen: 57.077 ug/l
RT: 7.884 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

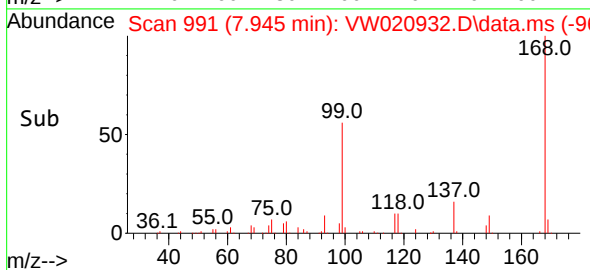
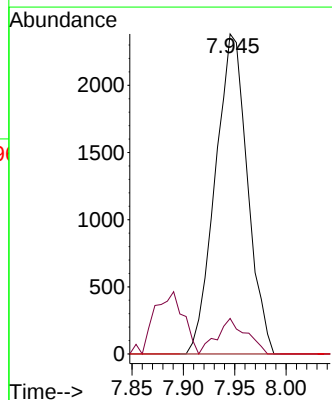
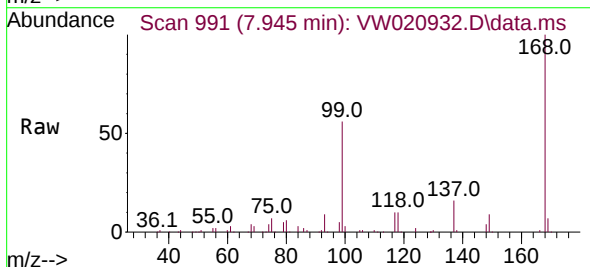
Instrument :
MSVOA_W
ClientSampleId :

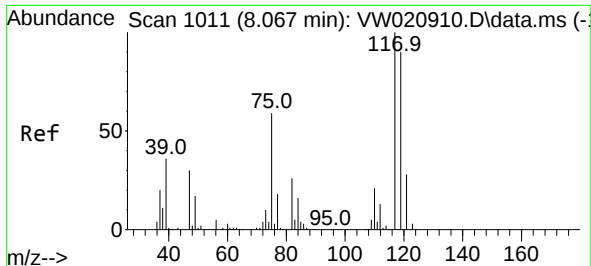
Tgt Ion:113 Resp: 40459
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 22.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

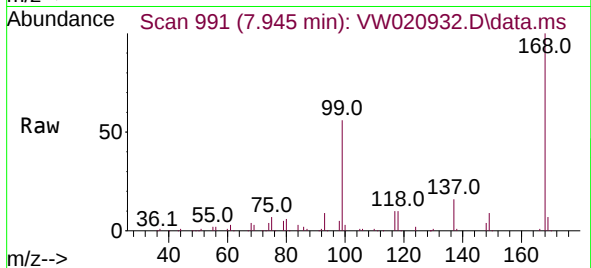
Tgt Ion: 75 Resp: 5184
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.5#
77 0.0 24.8 37.2#



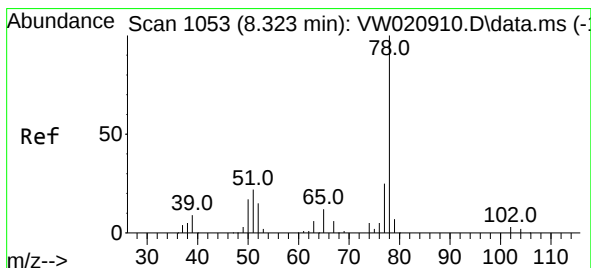
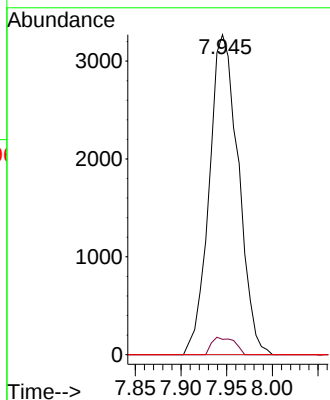
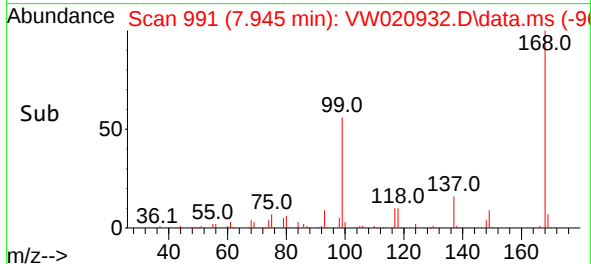


#38
Carbon Tetrachloride
Concen: 6.723 ug/l
RT: 7.945 min Scan# 91
Delta R.T. -0.122 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Instrument :
MSVOA_W
ClientSampleId :

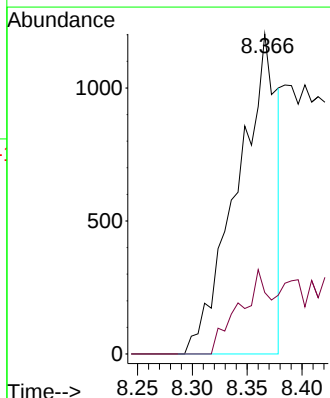
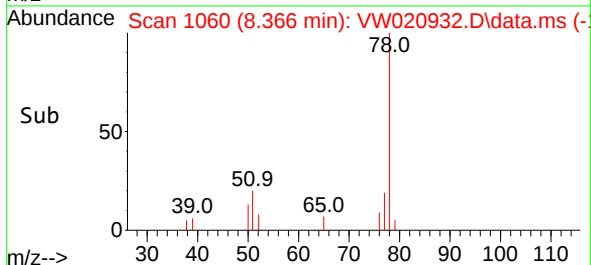
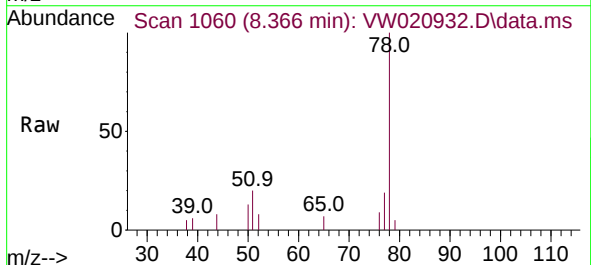


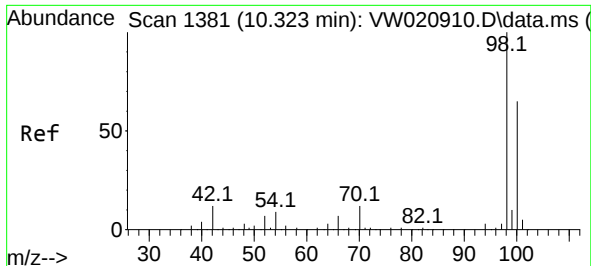
Tgt Ion:117 Resp: 7261
Ion Ratio Lower Upper
117 100
119 4.8 72.0 108.0#
121 0.0 22.6 33.8#



#40
Benzene
Concen: 1.049 ug/l
RT: 8.366 min Scan# 1060
Delta R.T. 0.043 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Tgt Ion: 78 Resp: 3036
Ion Ratio Lower Upper
78 100
77 19.2 20.0 30.0#

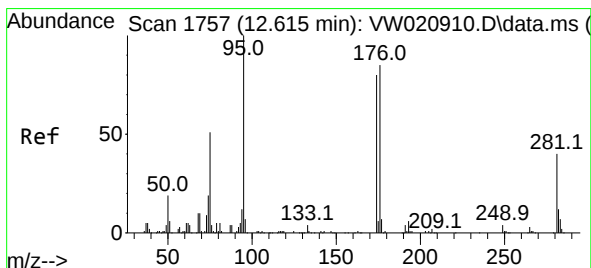
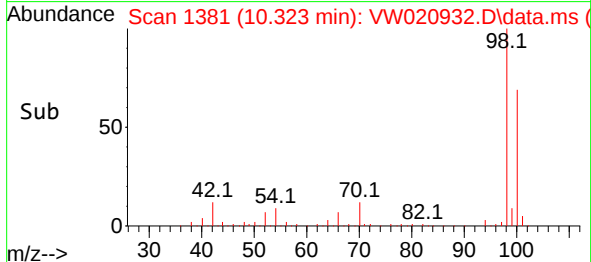
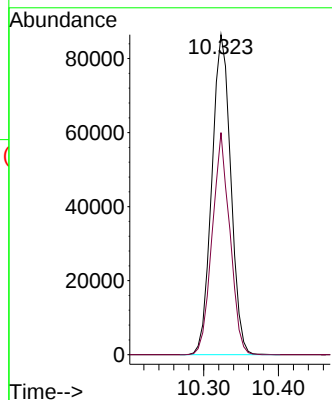
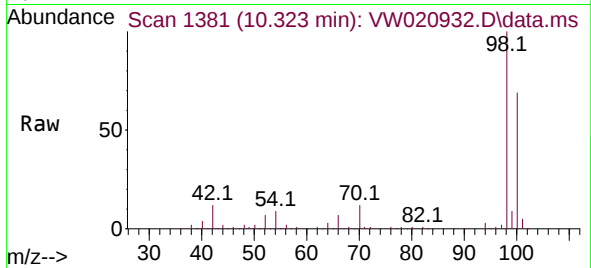




#50
Toluene-d8
Concen: 58.595 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

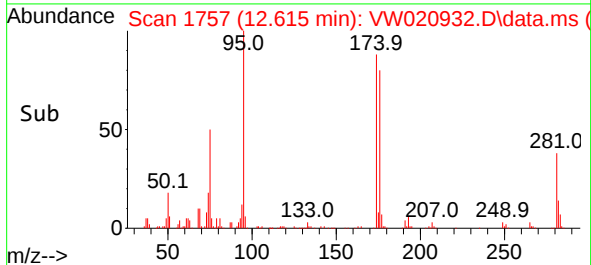
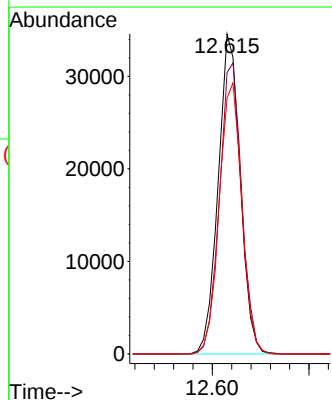
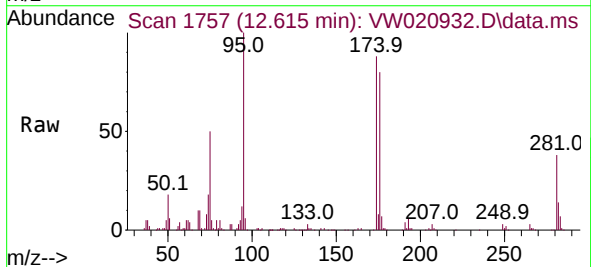
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MSVOA_W
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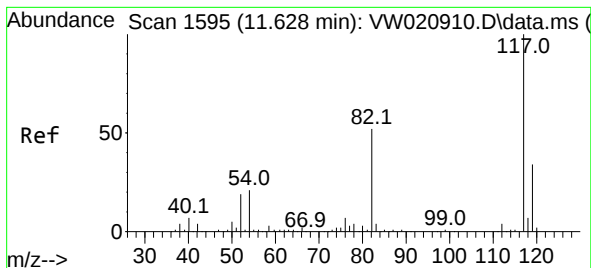
Tgt Ion: 98 Resp: 152333
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 56.170 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

Tgt Ion: 95 Resp: 54460
Ion Ratio Lower Upper
95 100
174 92.2 0.0 171.2
176 87.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020932.D

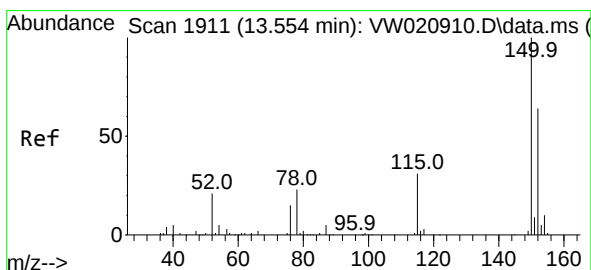
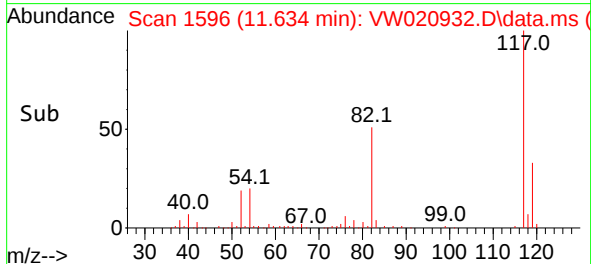
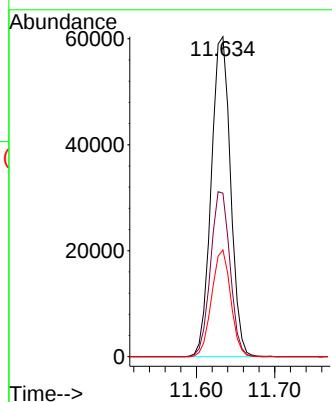
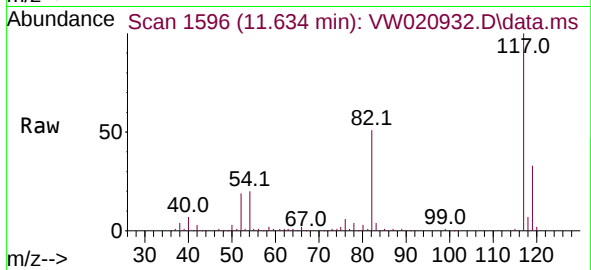
Acq: 22 Nov 2021 12:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp: 103437
Ion Ratio	Lower Upper
117 100	
82 51.1	41.4 62.2
119 33.4	27.2 40.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

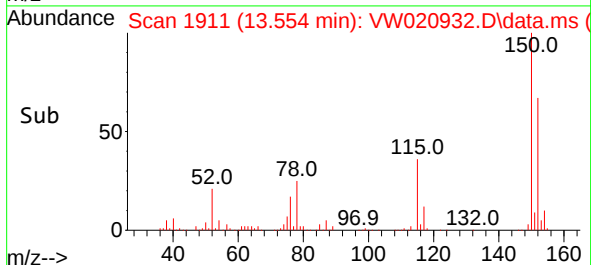
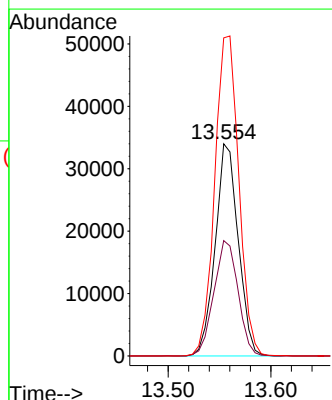
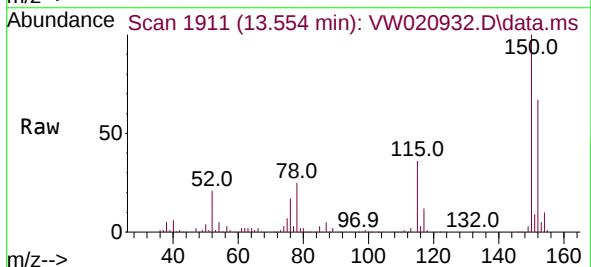
RT: 13.554 min Scan# 1911

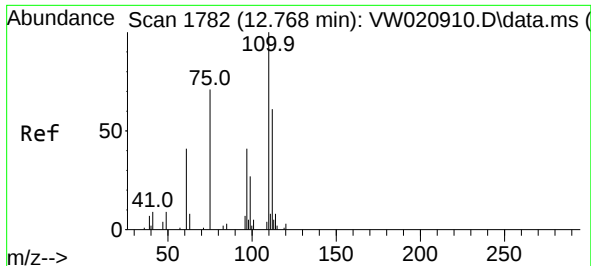
Delta R.T. 0.000 min

Lab File: VW020932.D

Acq: 22 Nov 2021 12:43

Tgt Ion:152	Resp: 52859
Ion Ratio	Lower Upper
152 100	
115 57.0	27.8 83.3
150 157.7	0.0 348.4

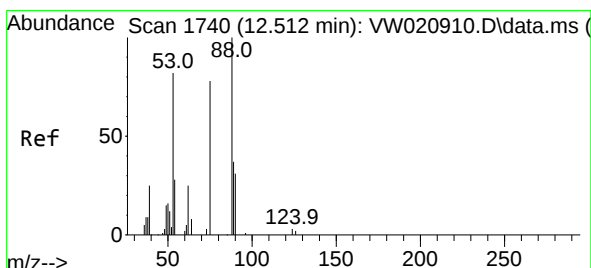
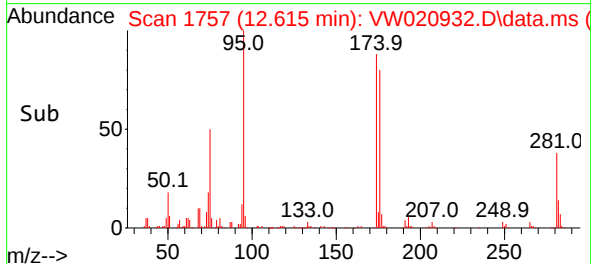
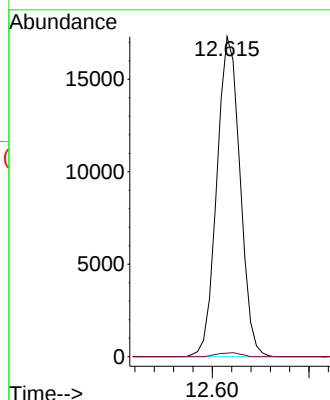
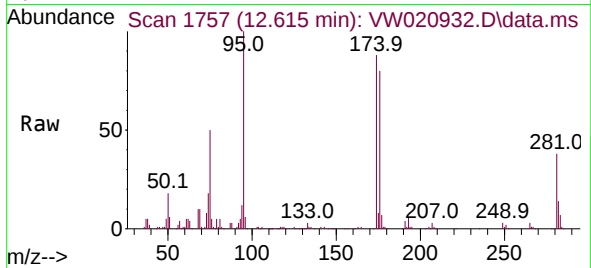




#76
1,2,3-Trichloropropane
Concen: 60.627 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

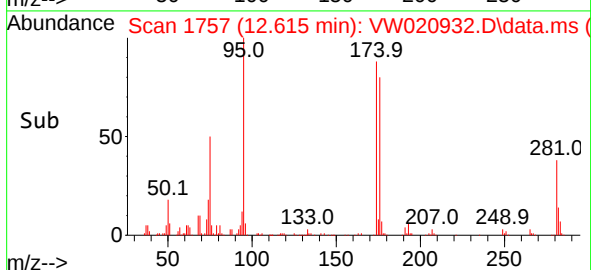
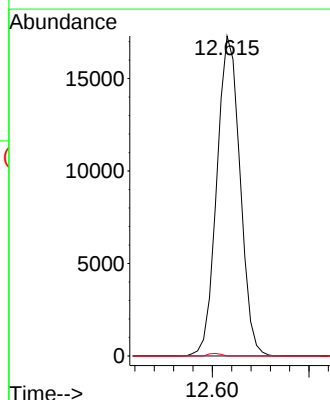
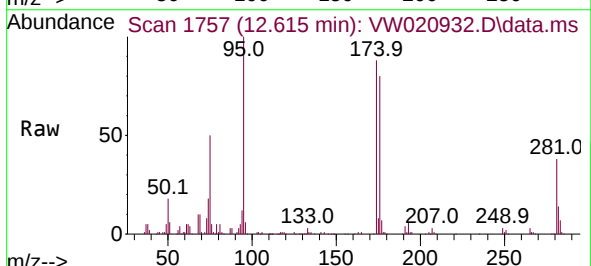
Instrument :
MSVOA_W
ClientSampleId :

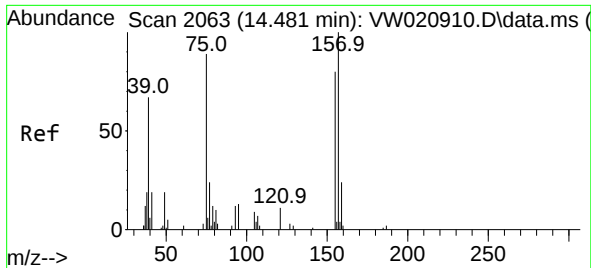
Tgt Ion: 75 Resp: 28793
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.613 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020932.D
Acq: 22 Nov 2021 12:43

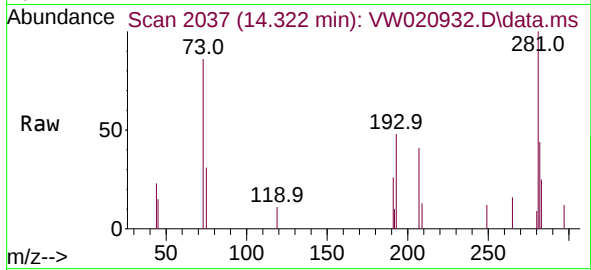
Tgt Ion: 75 Resp: 28793
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.4 38.6 57.8#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.226 ug/l
 RT: 14.322 min Scan# 20
 Delta R.T. -0.158 min
 Lab File: VW020932.D
 Acq: 22 Nov 2021 12:43

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 357
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.9 137.6#
 157 0.0 57.8 173.4#

