

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102621\
 Data File : VW020694.D
 Acq On : 26 Oct 2021 12:10
 Operator : SY/VA
 Sample : VW1026SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 27 05:57:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

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

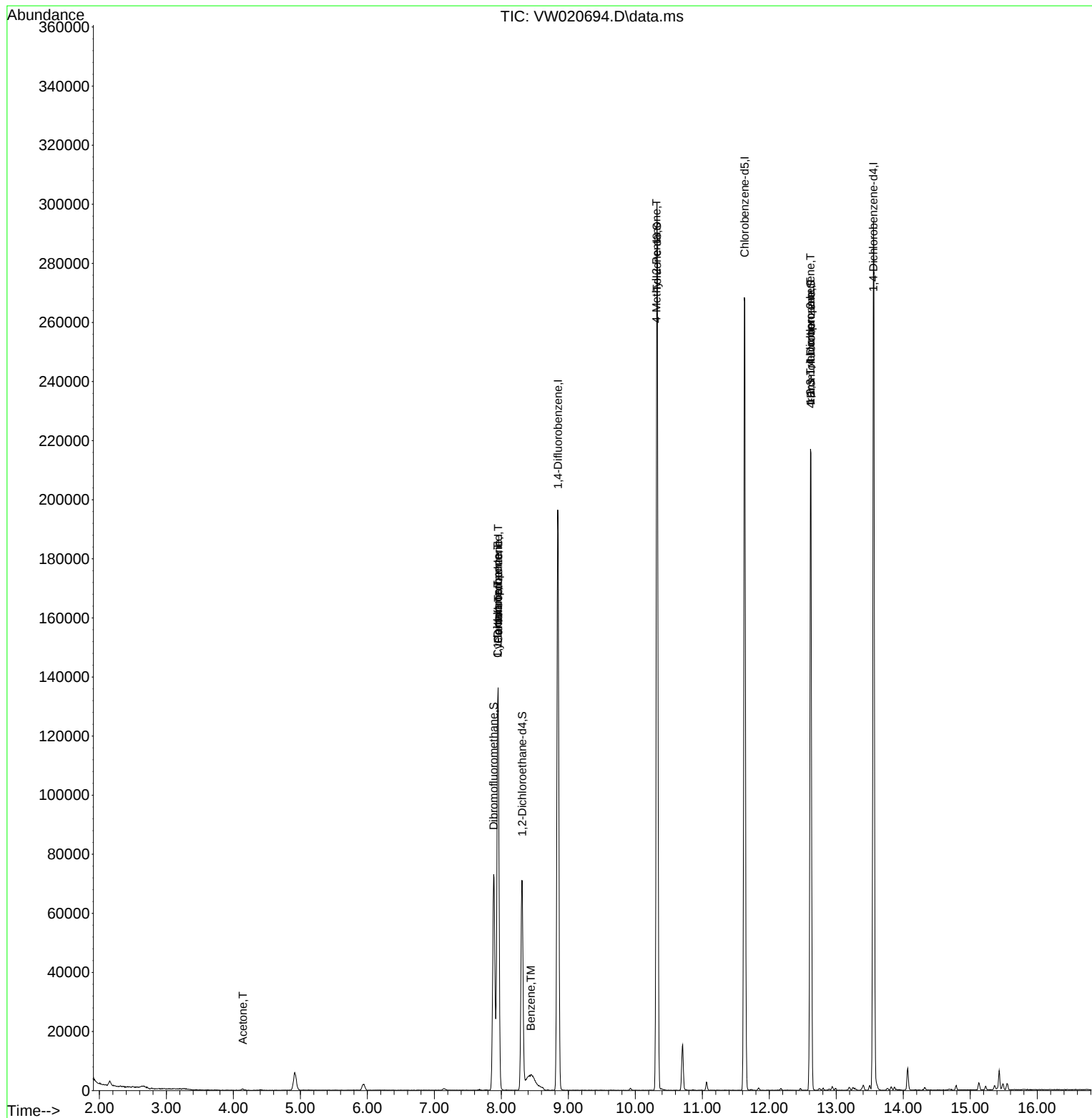
Internal Standards						
1) Pentafluorobenzene	7.952	168	103796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	160965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	149601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	76097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	59832	51.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.760%
35) Dibromofluoromethane	7.885	113	51302	48.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.323	98	192210	47.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.622	95	68752	46.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	4.141	43	937	3.325	ug/l	90
20) Methylene Chloride	4.910	84	4465	Below Cal		97
31) Cyclohexane	7.946	56	2130	1.088	ug/l #	6
36) 1,1-Dichloropropene	7.946	75	7857	4.532	ug/l #	50
38) Carbon Tetrachloride	7.952	117	9559	5.561	ug/l #	18
40) Benzene	8.439	78	23906	5.039	ug/l	96
51) 4-Methyl-2-Pentanone	10.317	43	870	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	36934	43.809	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	36934	112.538	ug/l #	8

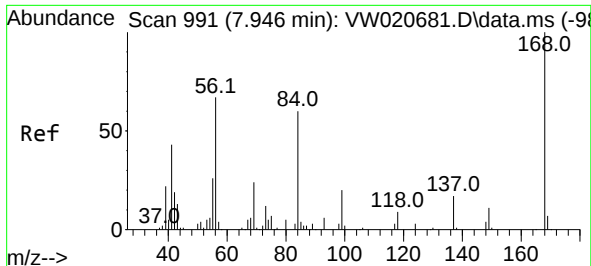
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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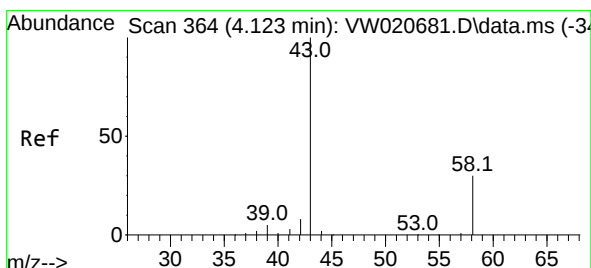
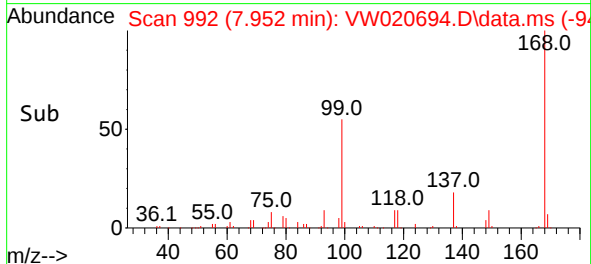
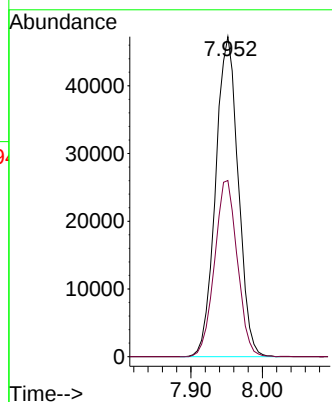
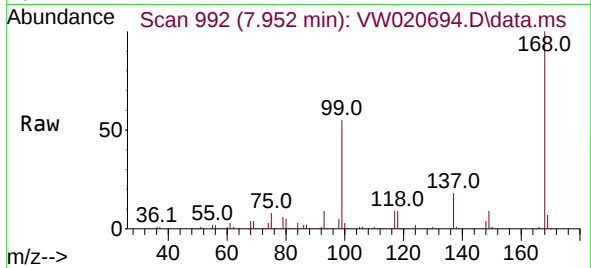




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

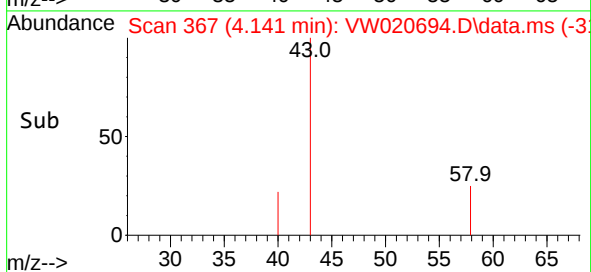
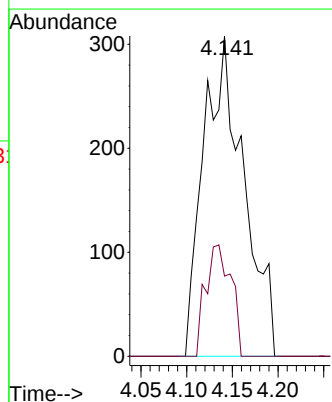
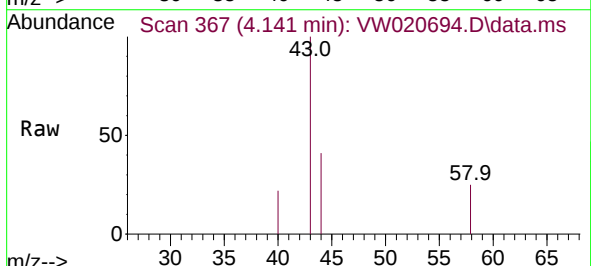
Instrument :
MSVOA_W
ClientSampled :

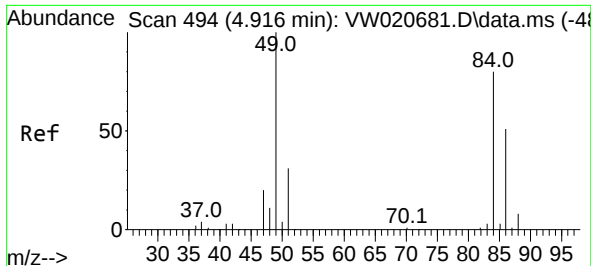
Tgt Ion:168 Resp: 103796
Ion Ratio Lower Upper
168 100
99 55.0 45.4 68.0



#16
Acetone
Concen: 3.325 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 25.0 24.2 36.2

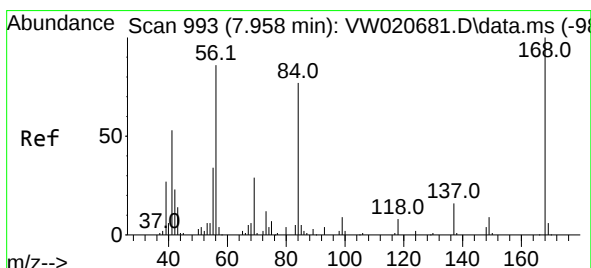
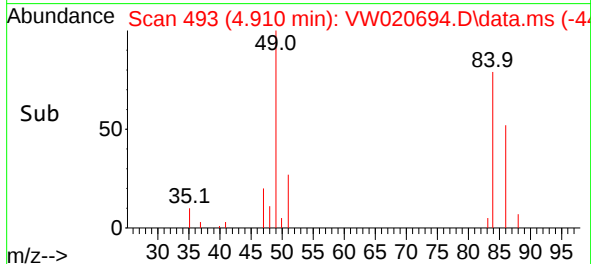
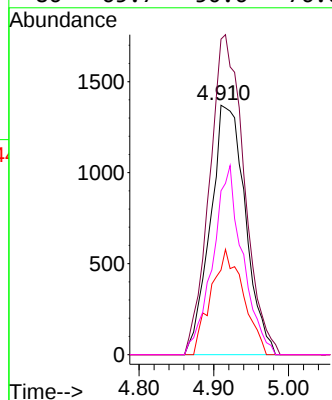
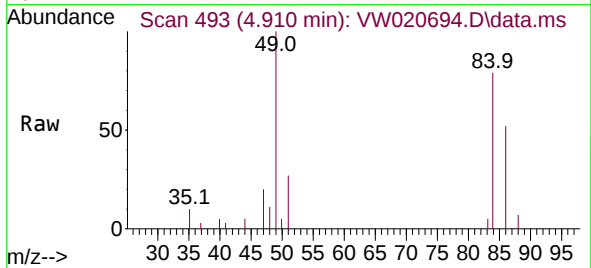




#20
Methylene Chloride
Concen: Below Cal
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

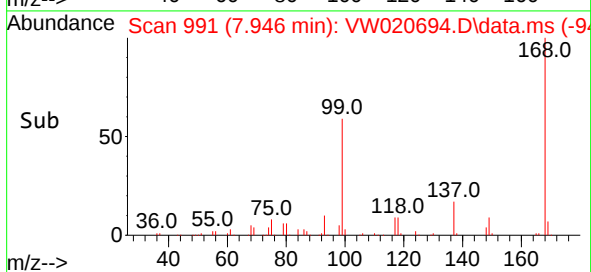
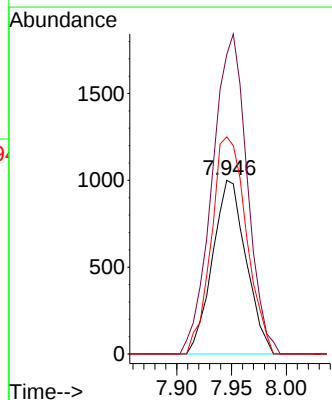
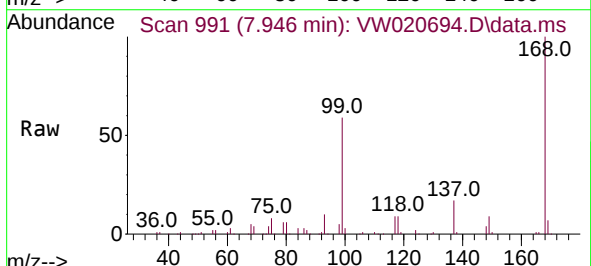
Instrument :
MSVOA_W
ClientSampleId :

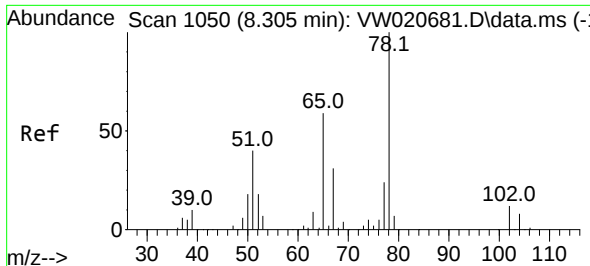
Tgt Ion:	84	Resp:	4465
Ion	Ratio	Lower	Upper
84	100		
49	126.5	100.0	150.0
51	33.9	30.8	46.2
86	65.7	50.6	76.0



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

Tgt Ion:	56	Resp:	2130
Ion	Ratio	Lower	Upper
56	100		
69	172.4	27.2	40.8#
84	125.1	71.8	107.6#

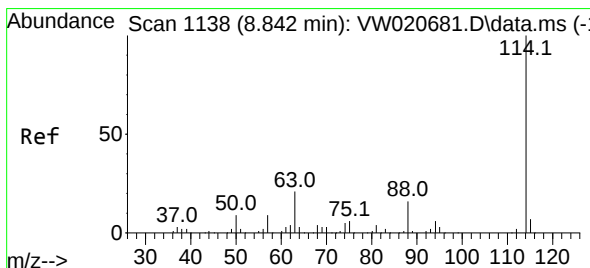
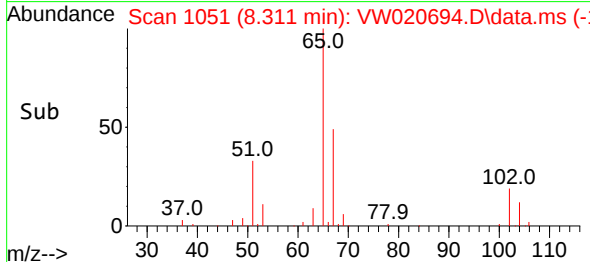
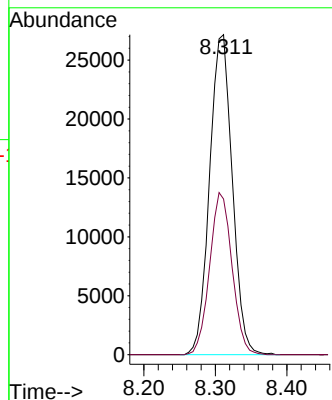
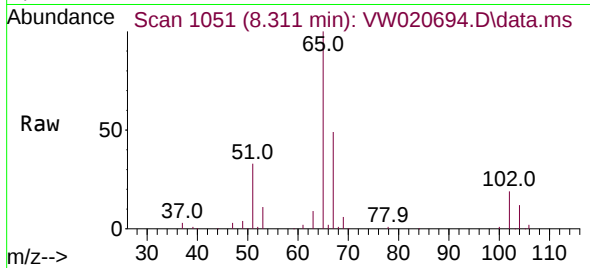




#33
 1,2-Dichloroethane-d4
 Concen: 51.882 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW020694.D
 Acq: 26 Oct 2021 12:10

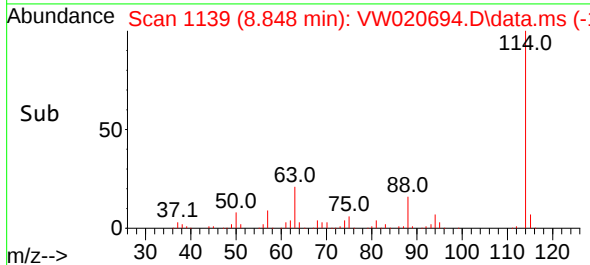
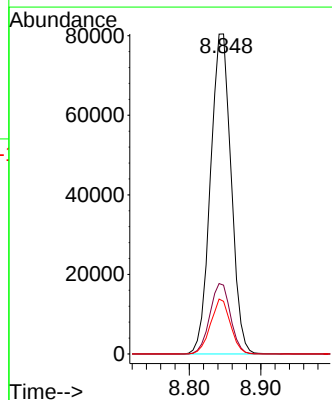
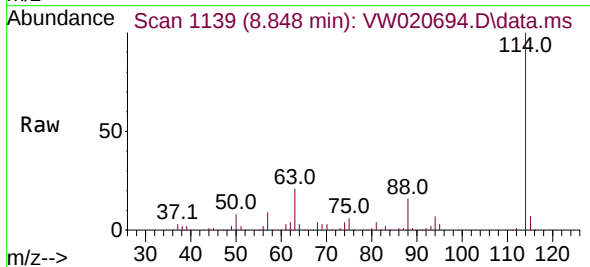
Instrument :
 MSVOA_W
 ClientSampled :

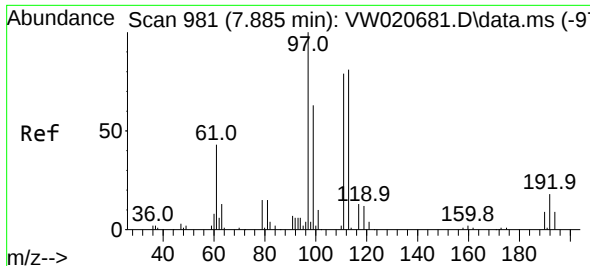
Tgt Ion: 65 Resp: 59832
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW020694.D
 Acq: 26 Oct 2021 12:10

Tgt Ion: 114 Resp: 160965
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 16.5 0.0 33.0

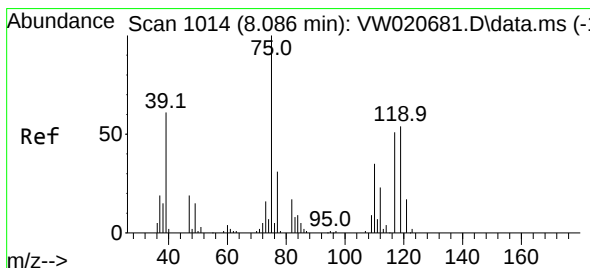
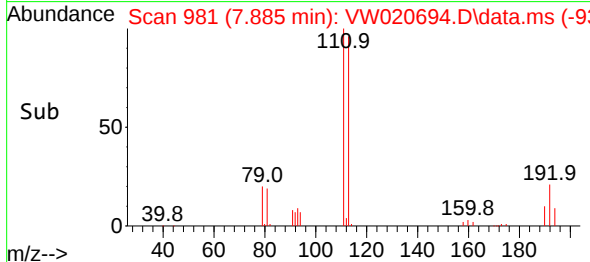
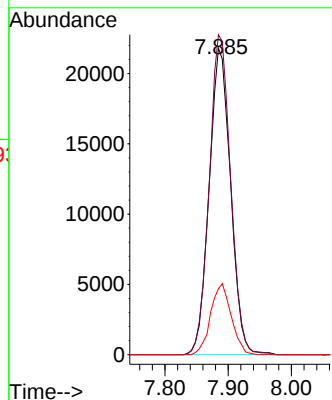
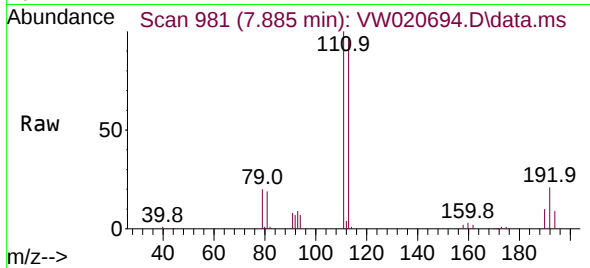




#35
Dibromofluoromethane
Concen: 48.734 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

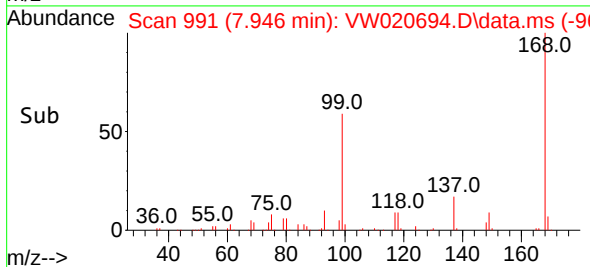
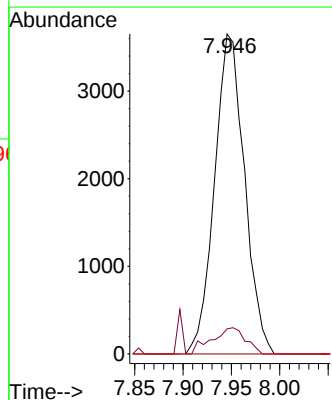
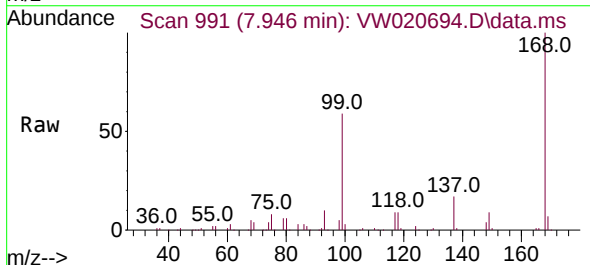
Instrument :
MSVOA_W
ClientSampleId :

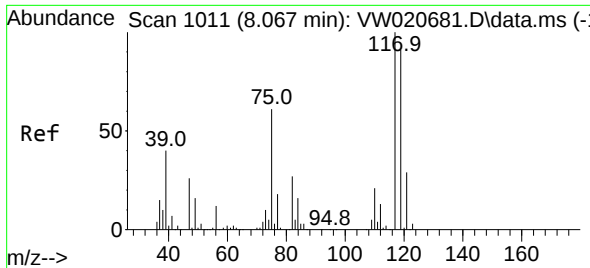
Tgt Ion:113 Resp: 51302
Ion Ratio Lower Upper
113 100
111 104.4 82.1 123.1
192 22.3 17.8 26.8



#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

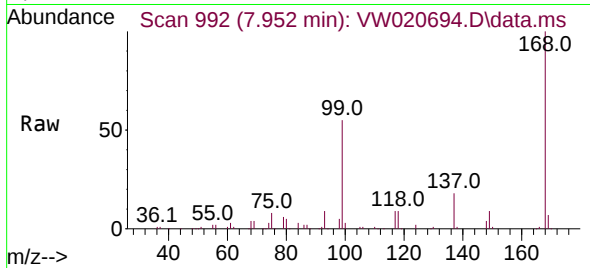
Tgt Ion: 75 Resp: 7857
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



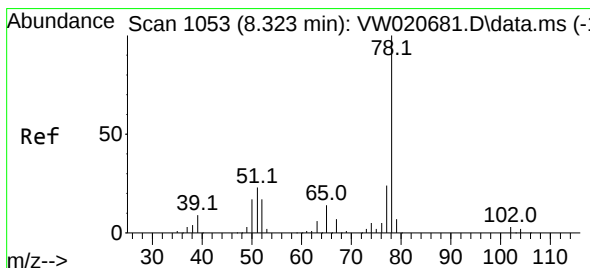
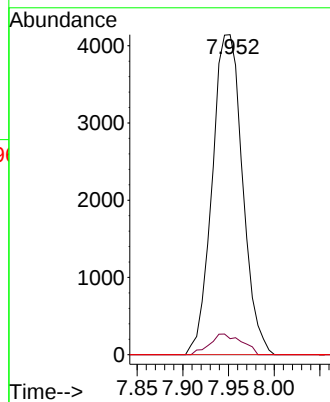
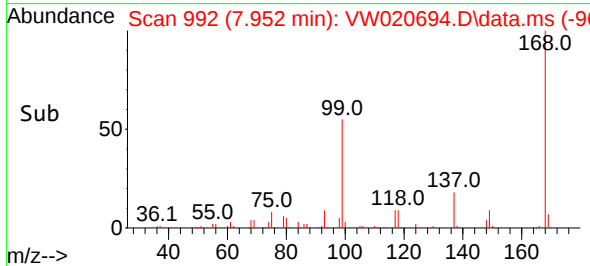


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.116 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

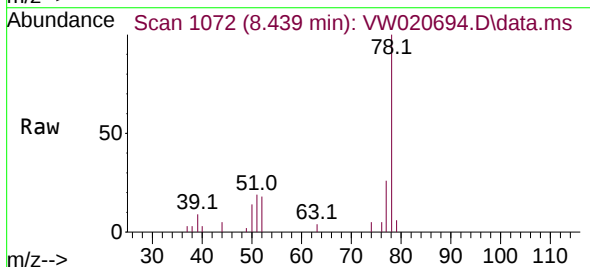
Instrument :
MSVOA_W
ClientSampled :



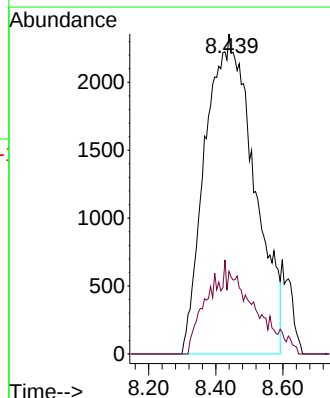
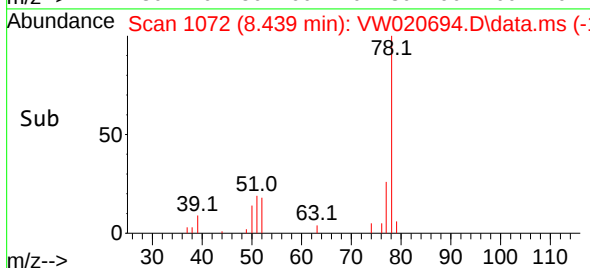
Tgt Ion:117 Resp: 9559
Ion Ratio Lower Upper
117 100
119 5.0 72.9 109.3#
121 0.0 23.4 35.0#

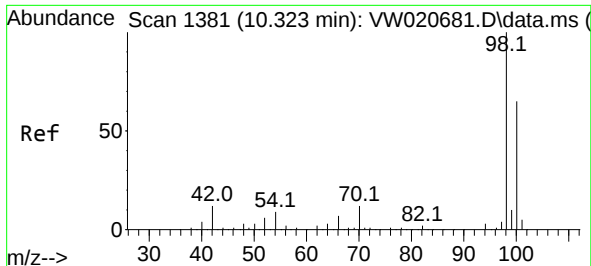


#40
Benzene
Concen: 5.039 ug/l
RT: 8.439 min Scan# 1072
Delta R.T. 0.116 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10



Tgt Ion: 78 Resp: 23906
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.6

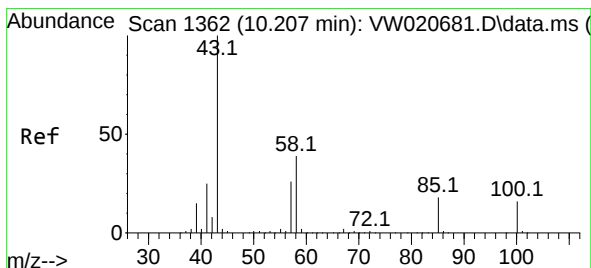
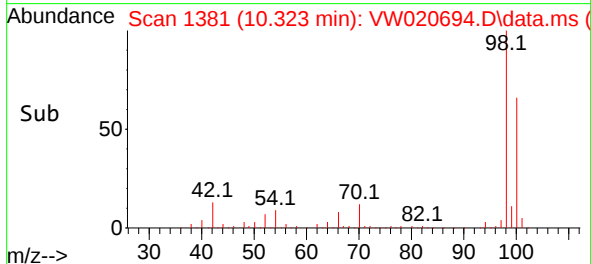
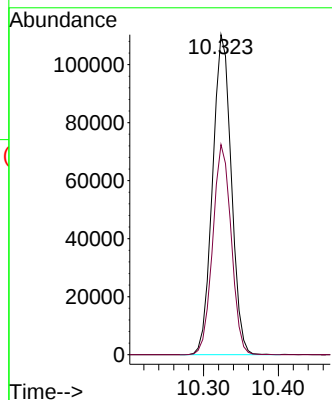
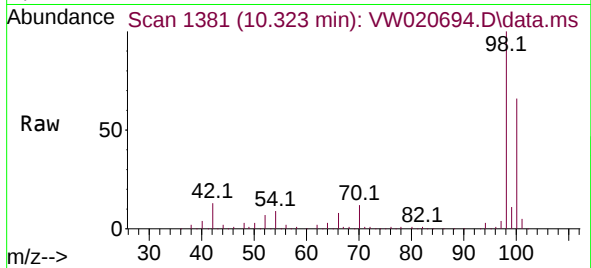




#50
Toluene-d8
Concen: 47.771 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

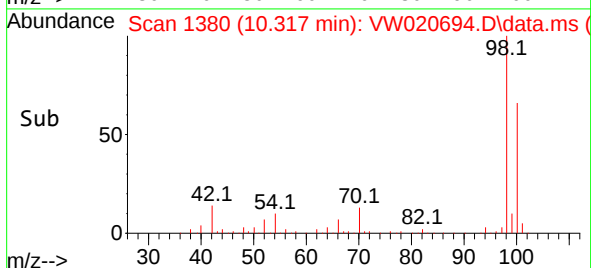
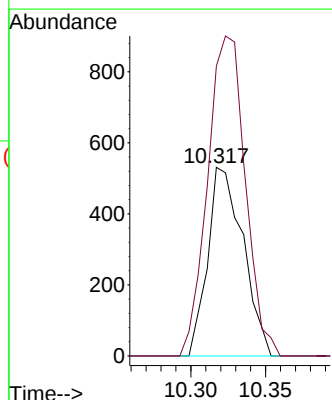
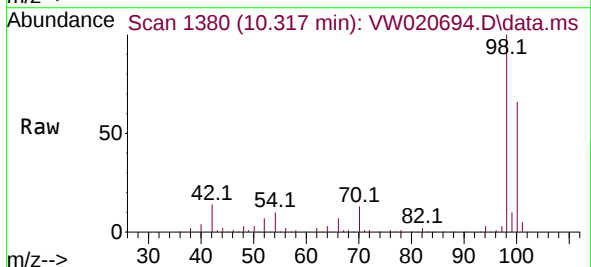
Instrument :
MSVOA_W
ClientSampled :

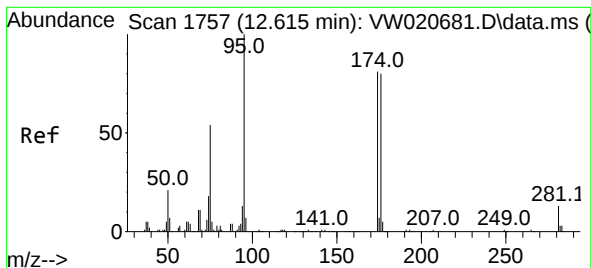
Tgt Ion: 98 Resp: 192210
Ion Ratio Lower Upper
98 100
100 64.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.317 min Scan# 1380
Delta R.T. 0.110 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 181.6 30.6 46.0#

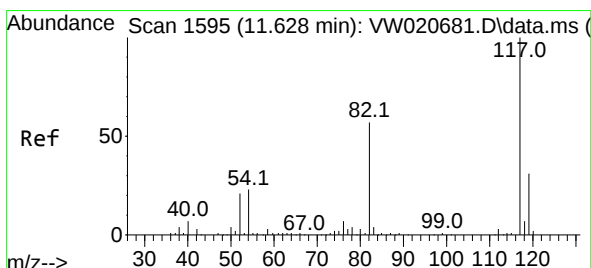
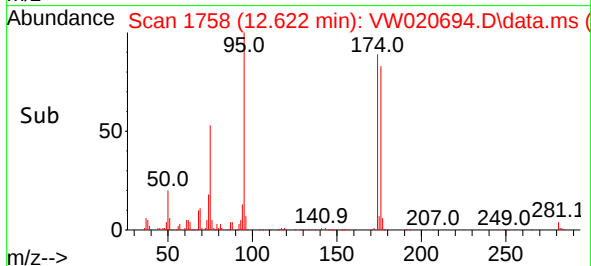
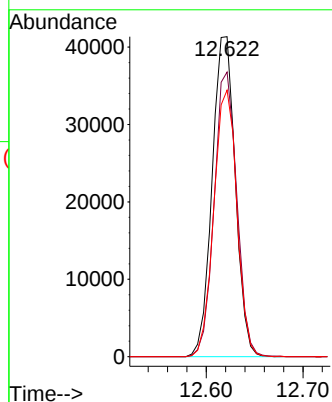
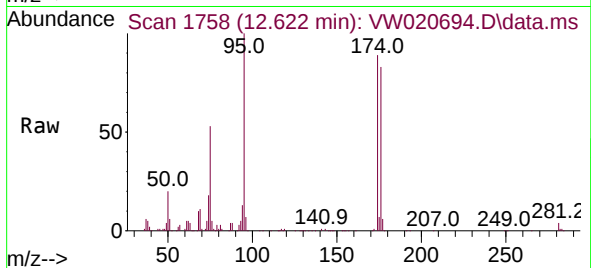




#62
4-Bromofluorobenzene
Concen: 46.612 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

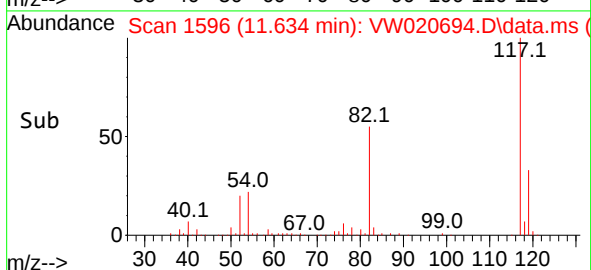
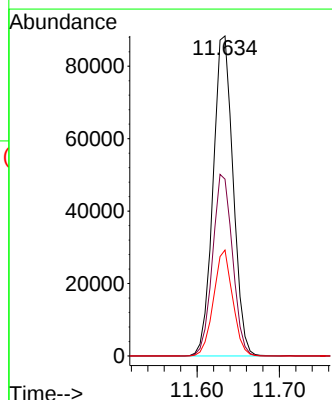
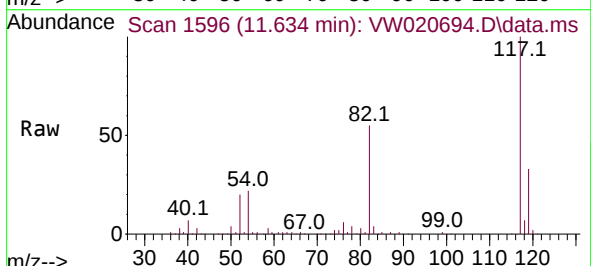
Instrument :
MSVOA_W
ClientSampled :

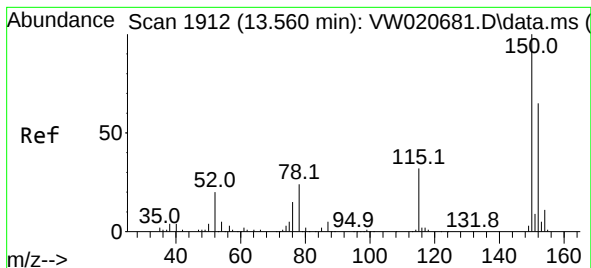
Tgt Ion: 95 Resp: 68752
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.4
176 82.9 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

Tgt Ion: 117 Resp: 149601
Ion Ratio Lower Upper
117 100
82 55.3 45.6 68.4
119 33.1 25.0 37.4

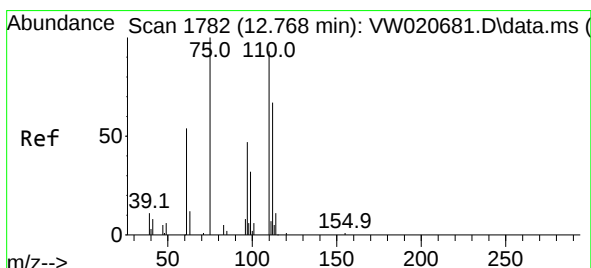
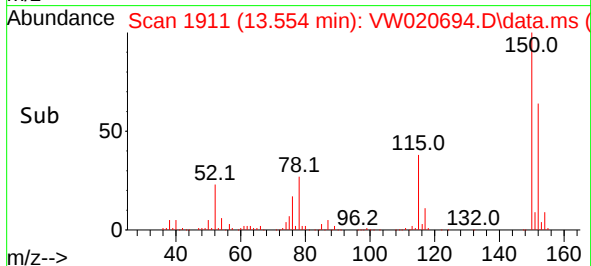
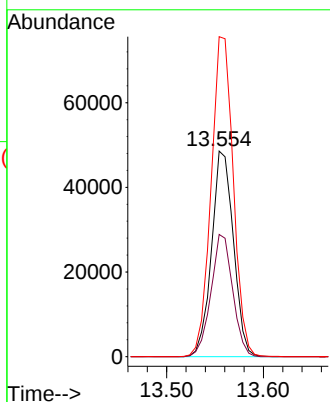
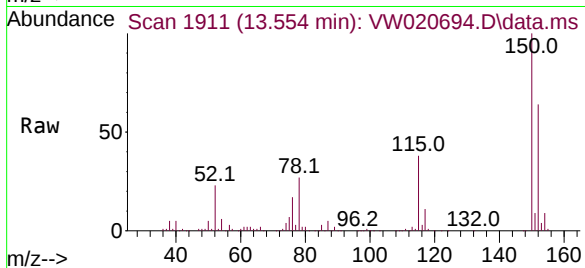




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

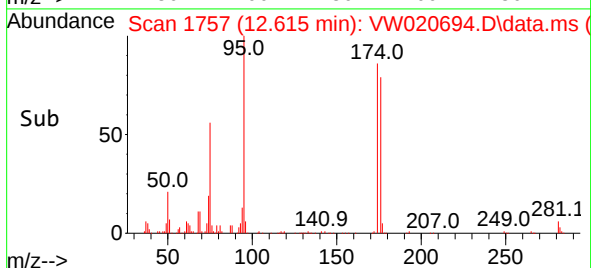
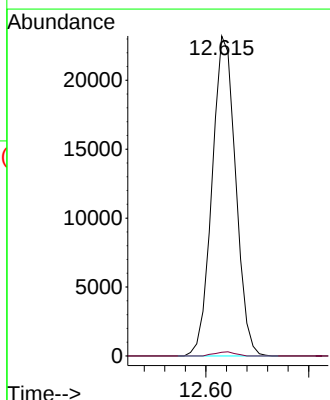
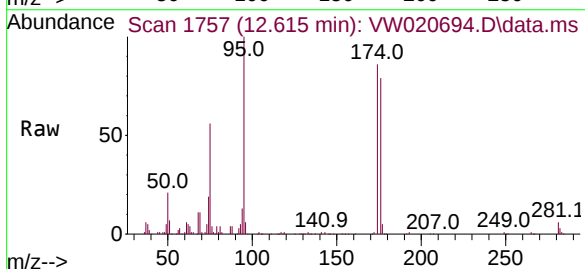
Instrument :
MSVOA_W
ClientSampled :

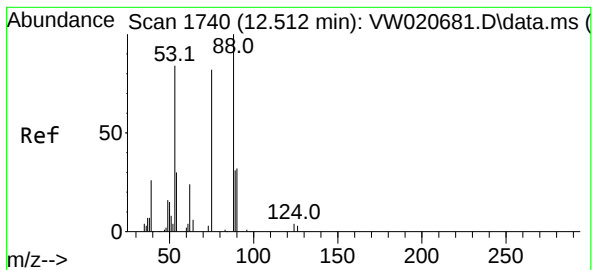
Tgt Ion:152 Resp: 76097
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.9
150 158.0 0.0 352.6



#76
1,2,3-Trichloropropane
Concen: 43.809 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020694.D
Acq: 26 Oct 2021 12:10

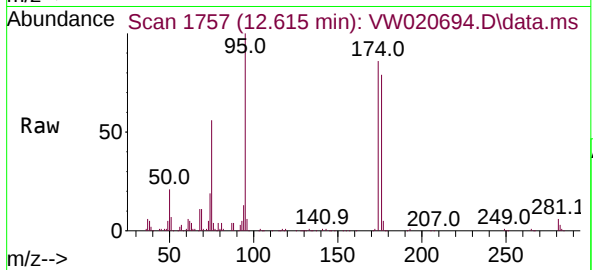
Tgt Ion: 75 Resp: 36934
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.538 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW020694.D
 Acq: 26 Oct 2021 12:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	36934
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	36.7	55.1#

