

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019269.D
 Acq On : 22 Jun 2021 15:22
 Operator : SY/VA
 Sample : M2772-01
 Misc : 5.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:42:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

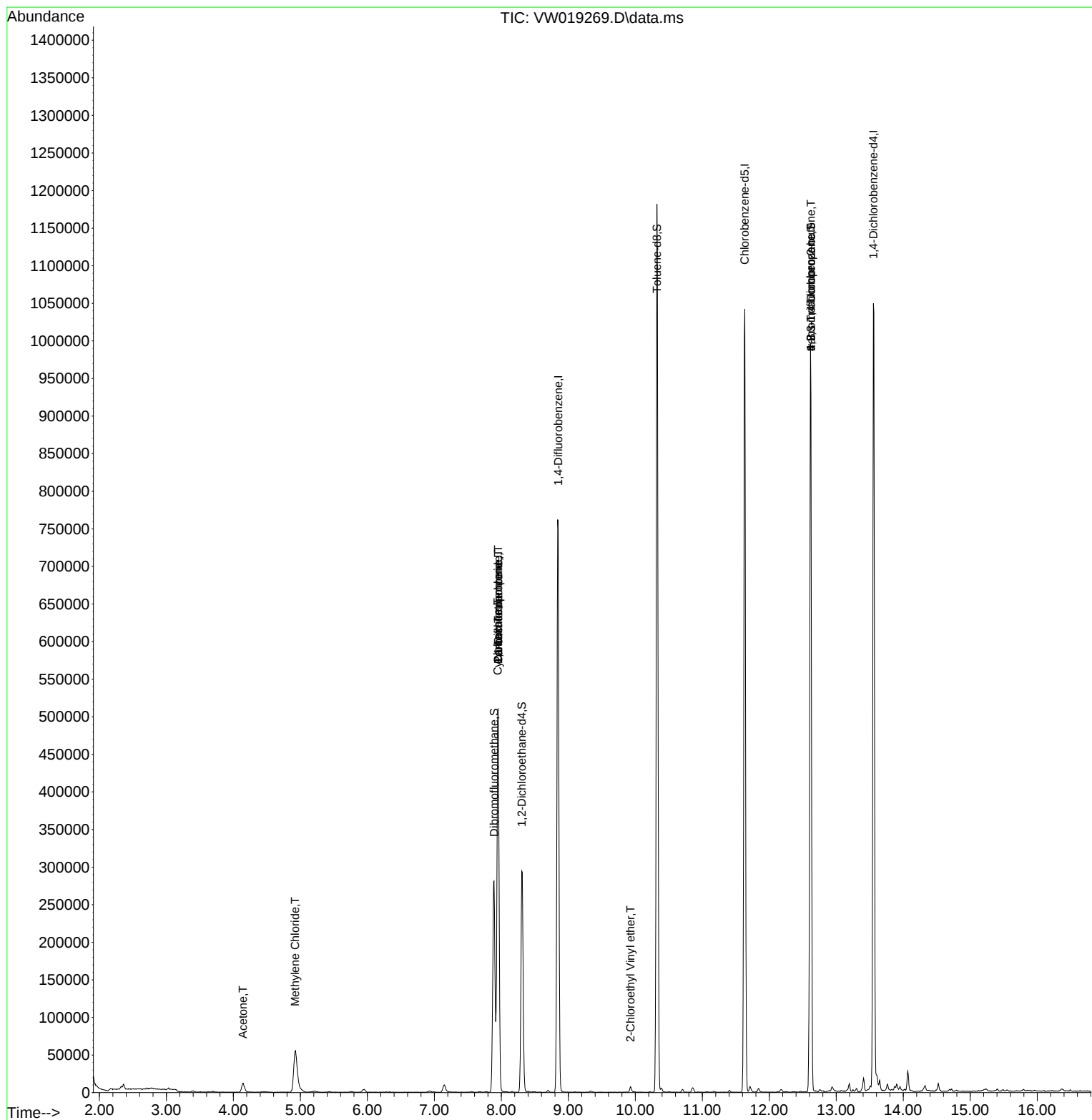
Internal Standards						
1) Pentafluorobenzene	7.952	168	360918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	642026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	574183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	271616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	242030	55.281	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.560%	
35) Dibromofluoromethane	7.891	113	201107	49.178	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.360%	
50) Toluene-d8	10.323	98	770022	47.038	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.080%	
62) 4-Bromofluorobenzene	12.621	95	275702	48.154	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.159	59	639	Below Cal	#	71
16) Acetone	4.141	43	23299	33.157	ug/l	99
20) Methylene Chloride	4.922	84	52150	5.657	ug/l	96
31) Cyclohexane	7.945	56	9851	1.323	ug/l	# 36
36) 1,1-Dichloropropene	7.952	75	32034	4.715	ug/l	# 49
38) Carbon Tetrachloride	7.952	117	38134	6.420	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.927	63	3532	1.799	ug/l	99
76) 1,2,3-Trichloropropane	12.621	75	149575	56.212	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.621	75	149575	136.366	ug/l	# 9

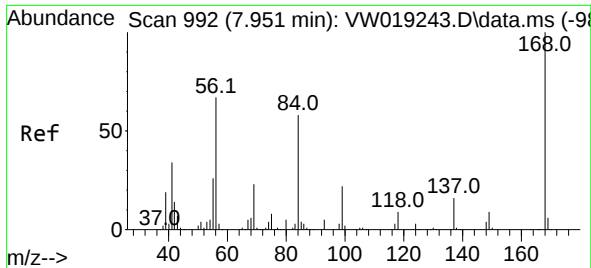
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

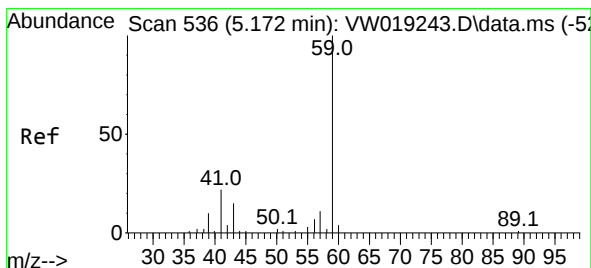
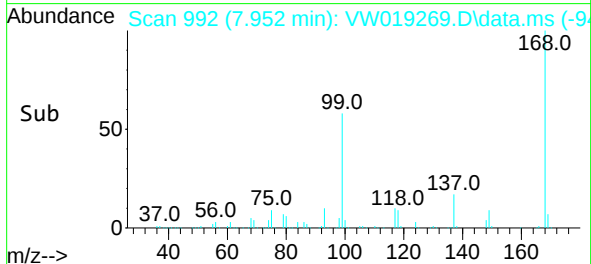
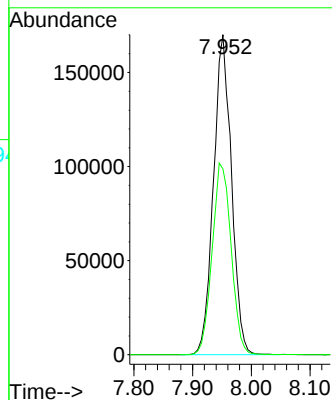
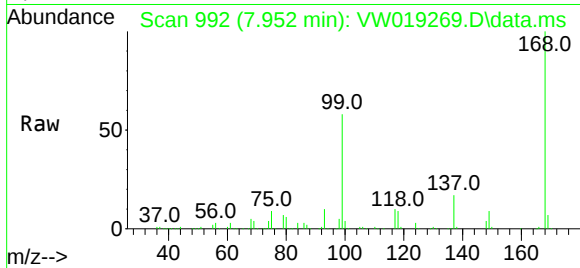




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

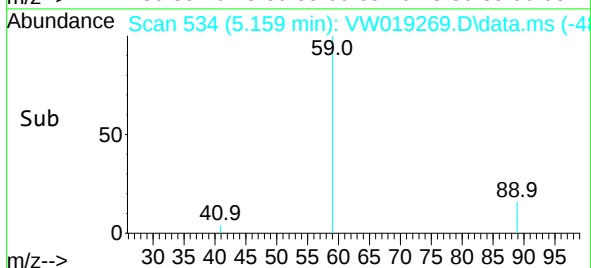
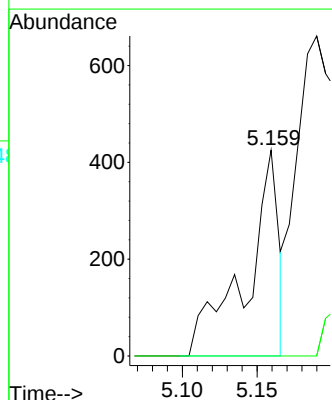
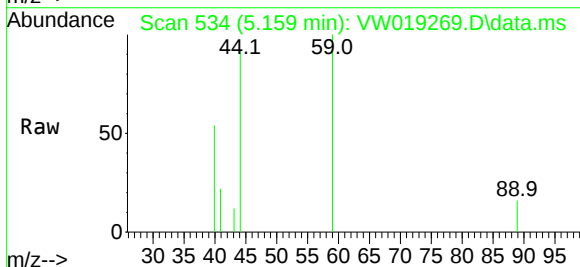
Instrument :
MSVOA_W
ClientSampled :

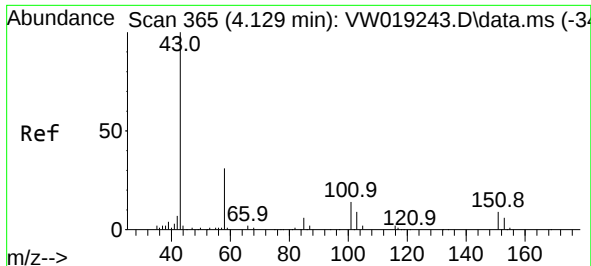
Tgt Ion:168 Resp: 360918
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.159 min Scan# 534
Delta R.T. -0.013 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

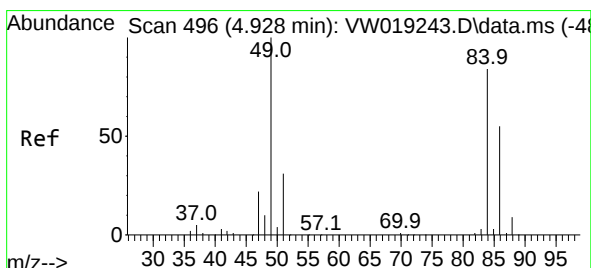
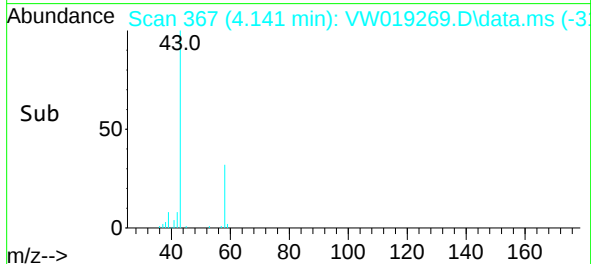
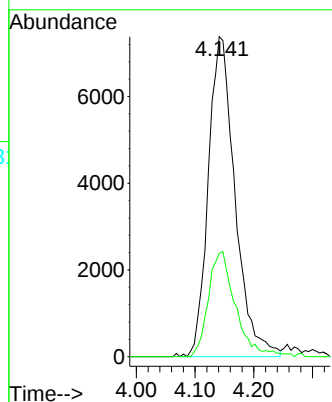
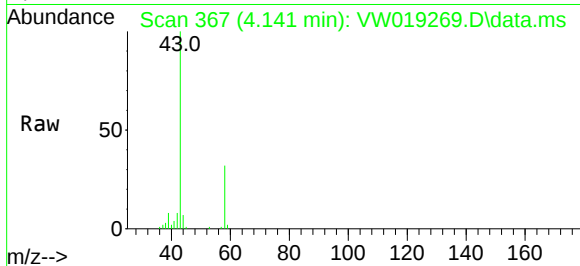




#16
Acetone
Concen: 33.157 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

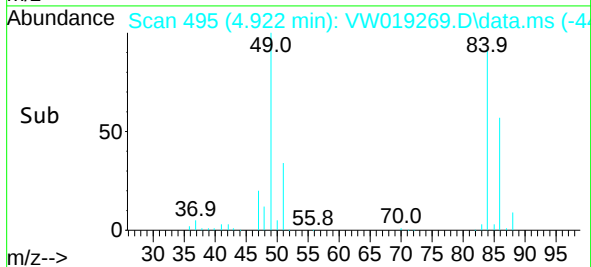
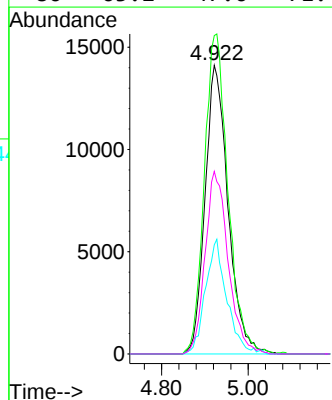
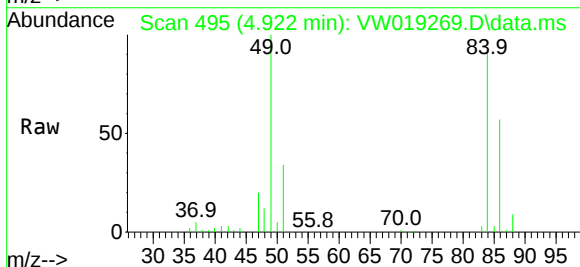
Instrument :
MSVOA_W
ClientSampled :

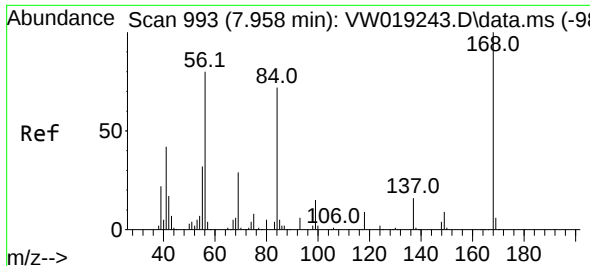
Tgt Ion: 43 Resp: 23299
Ion Ratio Lower Upper
43 100
58 32.3 26.4 39.6



#20
Methylene Chloride
Concen: 5.657 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

Tgt Ion: 84 Resp: 52150
Ion Ratio Lower Upper
84 100
49 110.3 90.4 135.6
51 37.8 27.1 40.7
86 63.2 47.6 71.4

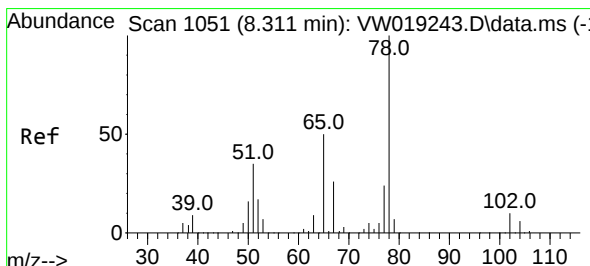
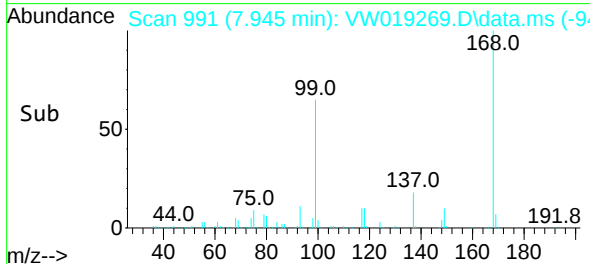
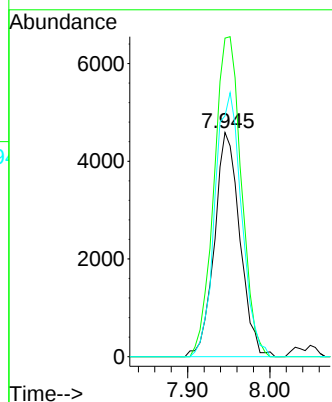
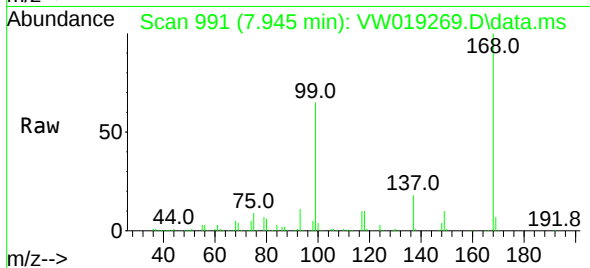




#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

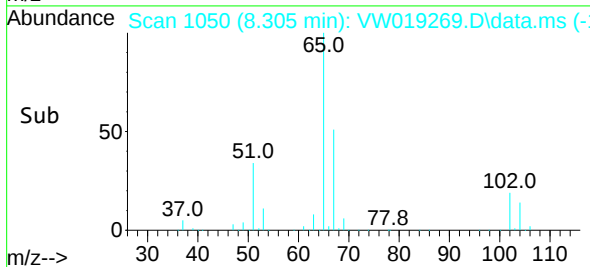
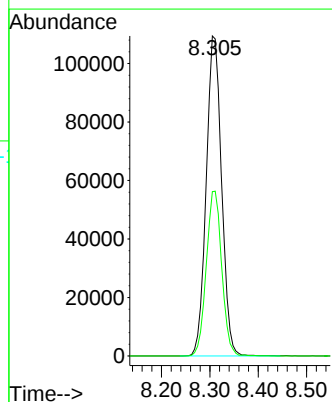
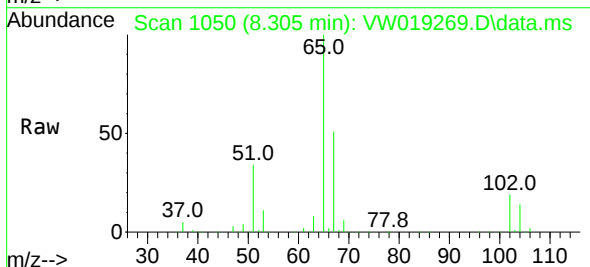
Instrument :
MSVOA_W
ClientSampleId :

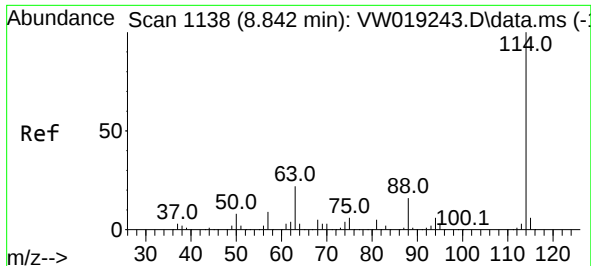
Tgt Ion: 56 Resp: 9851
Ion Ratio Lower Upper
56 100
69 142.1 28.4 42.6#
84 107.4 72.3 108.5



#33
1,2-Dichloroethane-d4
Concen: 55.281 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

Tgt Ion: 65 Resp: 242030
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

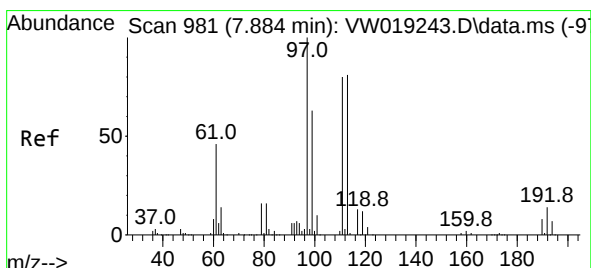
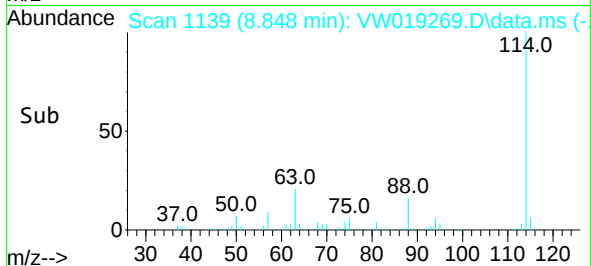
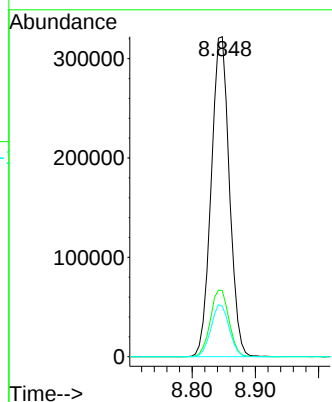
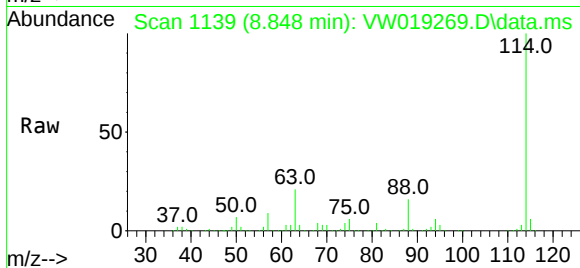




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

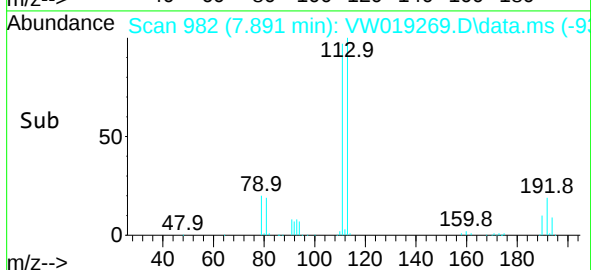
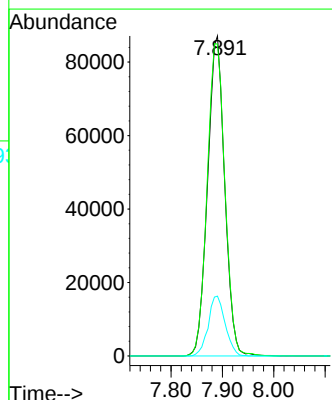
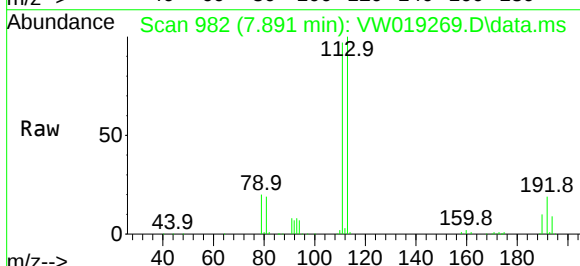
Instrument :
MSVOA_W
ClientSampleId :

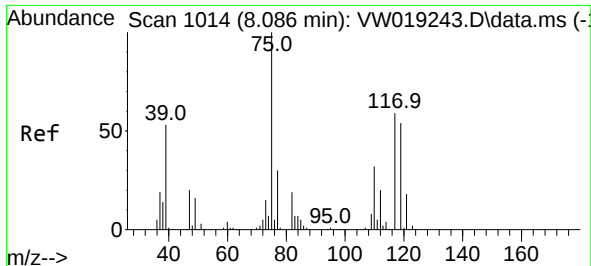
Tgt Ion:114 Resp: 642026
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

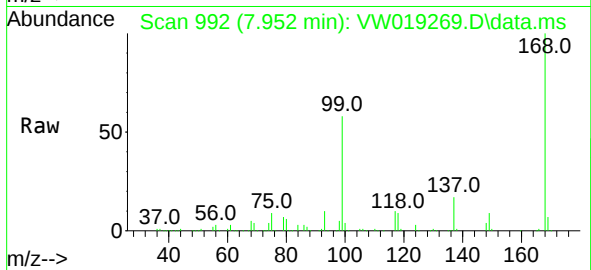
Tgt Ion:113 Resp: 201107
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 18.6 15.3 22.9



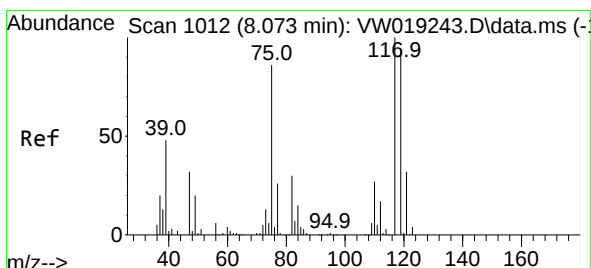
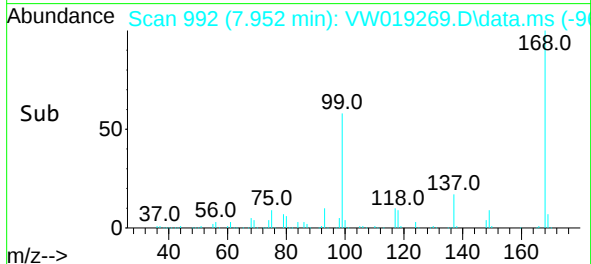
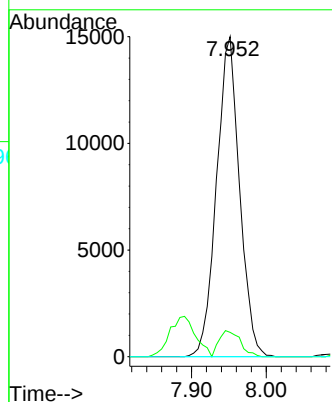


#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.135 min
 Lab File: VW019269.D
 Acq: 22 Jun 2021 15:22

Instrument :
 MSVOA_W
 ClientSampled :

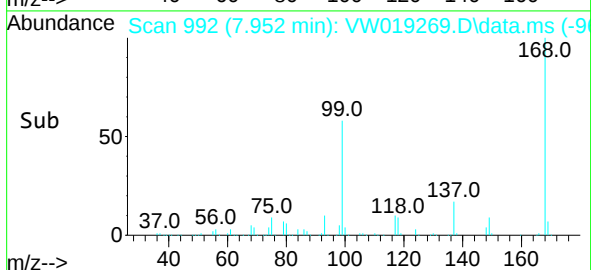
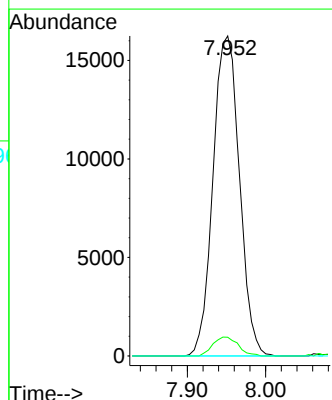
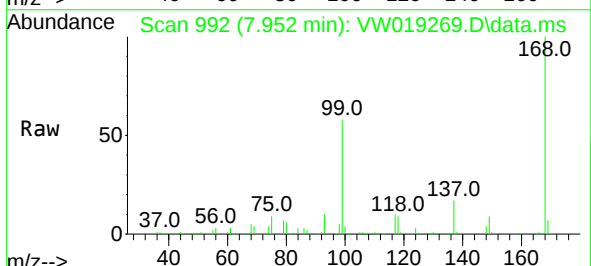


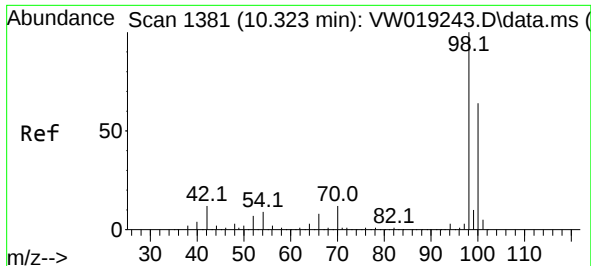
Tgt Ion: 75 Resp: 32034
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.1 51.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.420 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.122 min
 Lab File: VW019269.D
 Acq: 22 Jun 2021 15:22

Tgt Ion: 117 Resp: 38134
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.4 116.0#
 121 0.0 23.6 35.4#

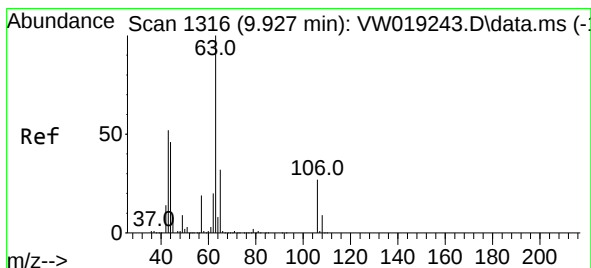
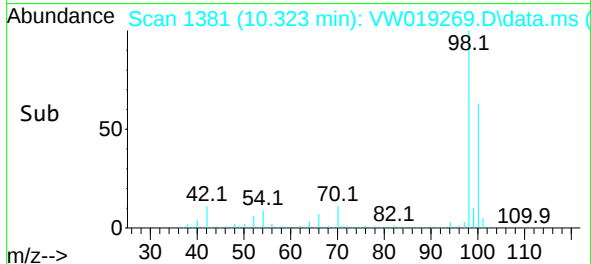
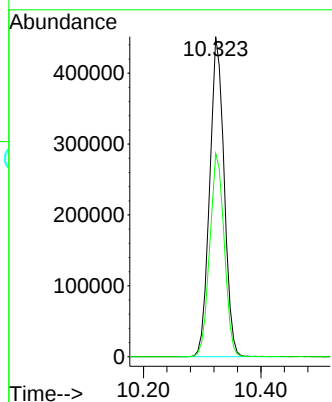
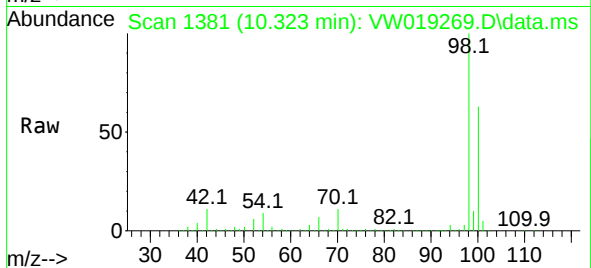




#50
Toluene-d8
Concen: 47.038 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

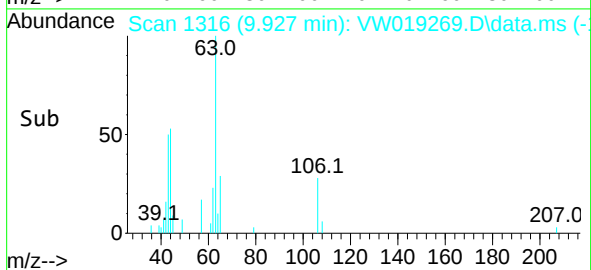
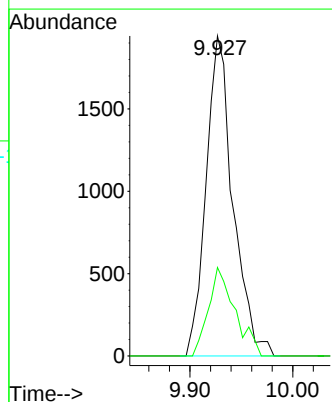
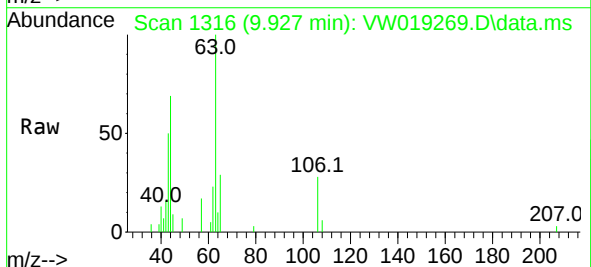
Instrument :
MSVOA_W
ClientSampled :

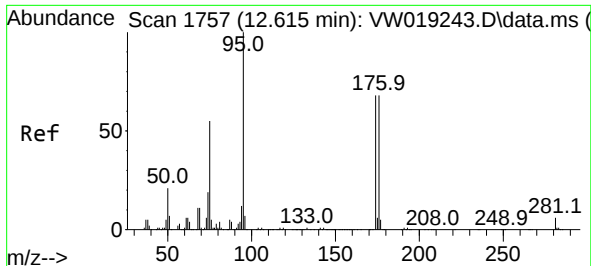
Tgt Ion: 98 Resp: 770022
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#58
2-Chloroethyl Vinyl ether
Concen: 1.799 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

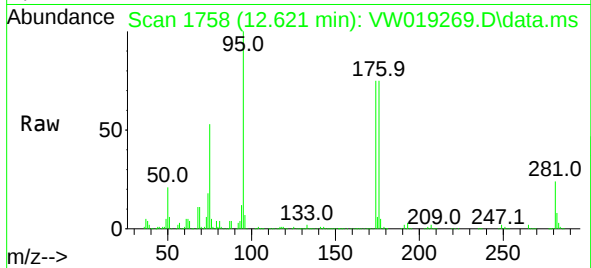
Tgt Ion: 63 Resp: 3532
Ion Ratio Lower Upper
63 100
106 27.2 22.3 33.5



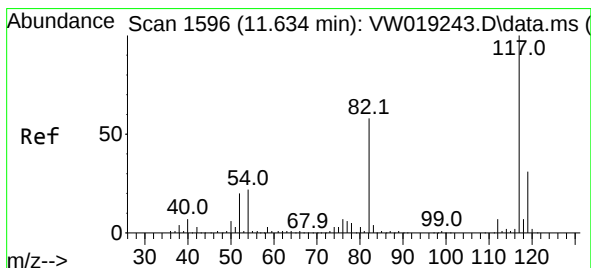
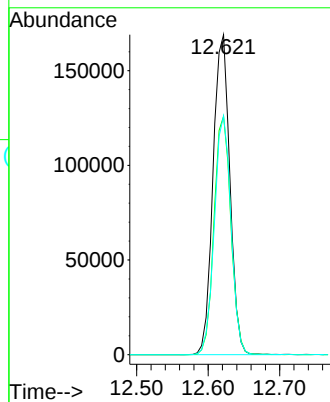
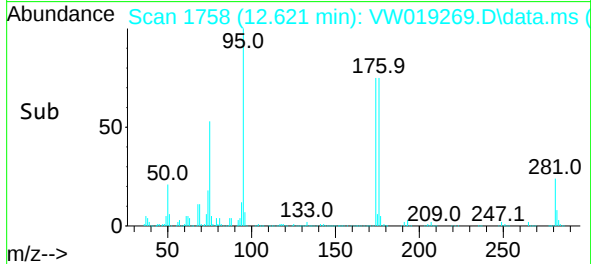


#62
4-Bromofluorobenzene
Concen: 48.154 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

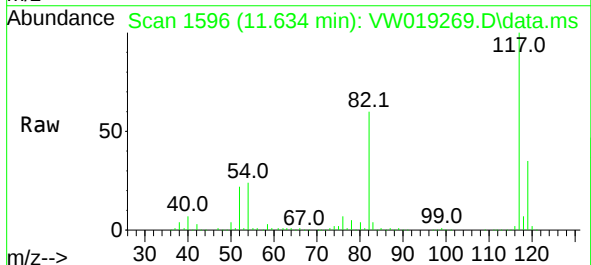
Instrument :
MSVOA_W
ClientSampleId :



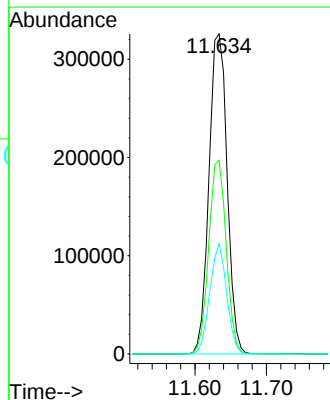
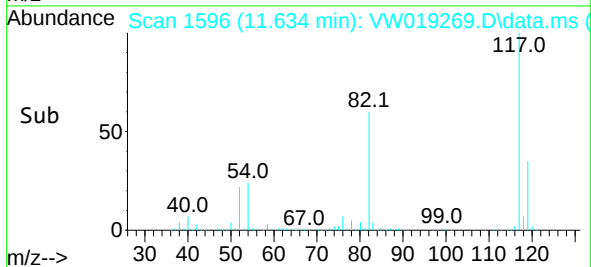
Tgt Ion: 95 Resp: 275702
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.2
176 73.9 0.0 160.8

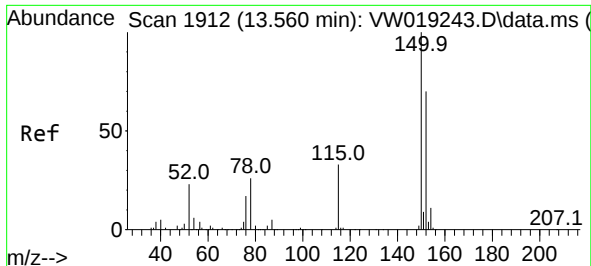


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22



Tgt Ion: 117 Resp: 574183
Ion Ratio Lower Upper
117 100
82 60.5 44.4 66.6
119 34.5 24.6 36.8

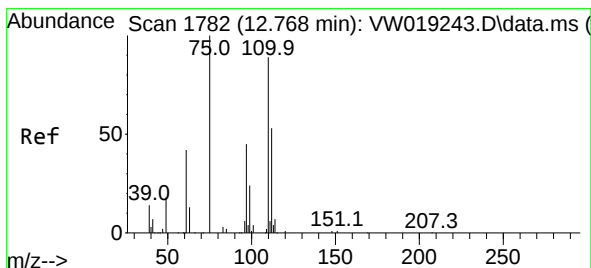
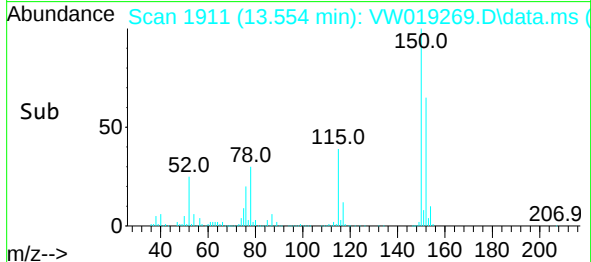
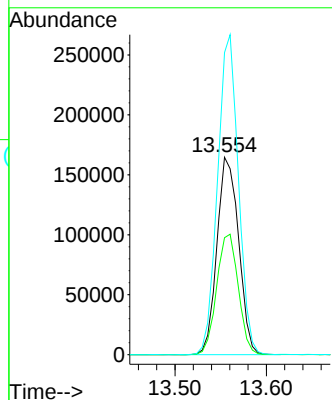
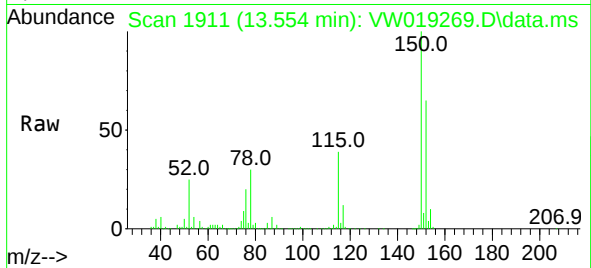




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

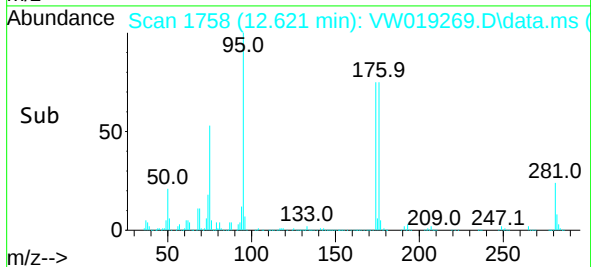
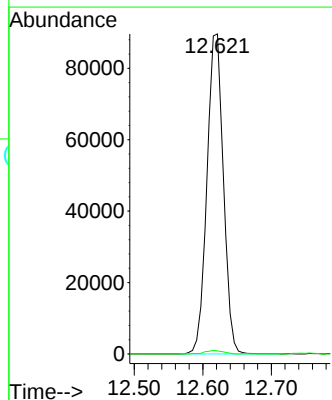
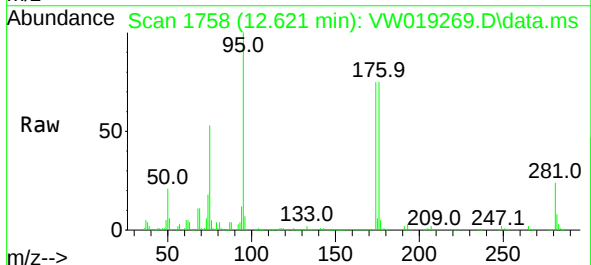
Instrument :
MSVOA_W
ClientSampled :

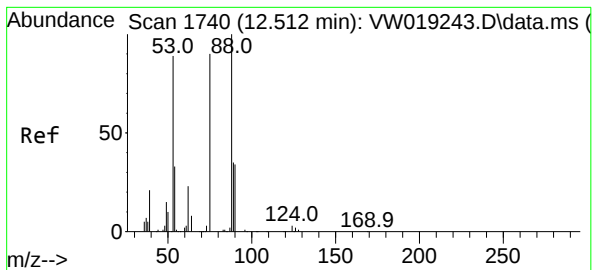
Tgt Ion:152 Resp: 271616
Ion Ratio Lower Upper
152 100
115 60.9 30.3 90.8
150 155.8 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 56.212 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW019269.D
Acq: 22 Jun 2021 15:22

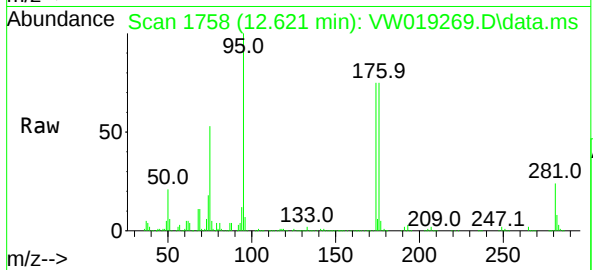
Tgt Ion: 75 Resp: 149575
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.366 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW019269.D
 Acq: 22 Jun 2021 15:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 149575
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.5 122.3#
 89 0.0 36.3 54.5#

