

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071921\
 Data File : VW019504.D
 Acq On : 19 Jul 2021 15:35
 Operator : SY/VA
 Sample : VW0719SBL01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Jul 20 04:43:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

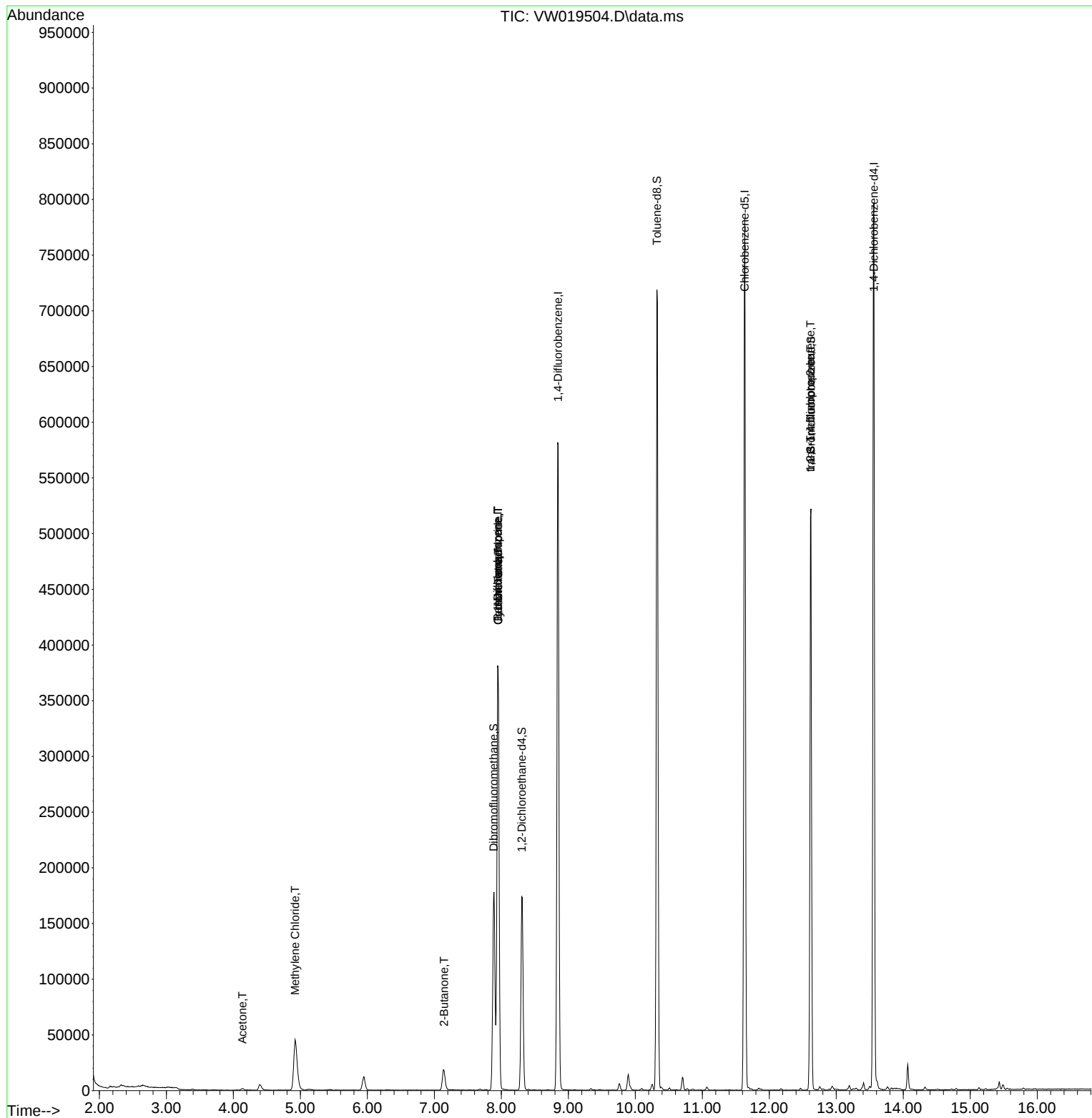
Internal Standards						
1) Pentafluorobenzene	7.945	168	287852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	487525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	427895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	210122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	142576	51.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.884	113	130276	43.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.480%	
50) Toluene-d8	10.323	98	479495	41.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.160%	
62) 4-Bromofluorobenzene	12.621	95	182174	42.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.153	59	160	Below Cal	#	73
16) Acetone	4.135	43	3279	6.263	ug/l	95
20) Methylene Chloride	4.922	84	42007	8.403	ug/l	100
25) 2-Butanone	7.147	43	1001	1.112	ug/l #	48
31) Cyclohexane	7.952	56	6623	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	24042	4.626	ug/l #	50
38) Carbon Tetrachloride	7.952	117	28335	6.241	ug/l #	17
76) 1,2,3-Trichloropropane	12.615	75	90899	43.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	90899	99.754	ug/l #	12

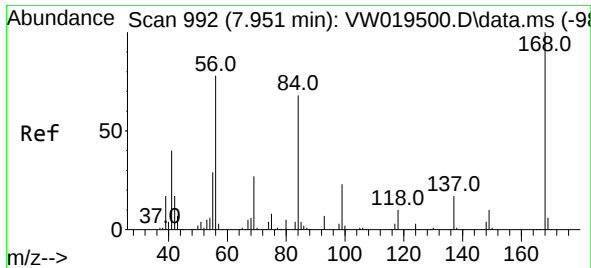
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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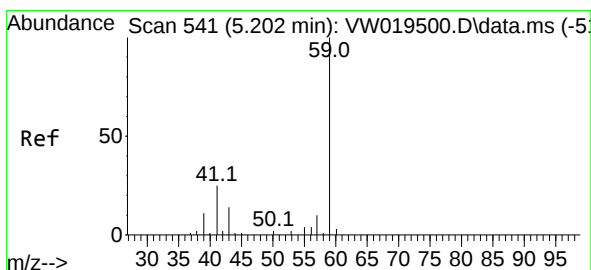
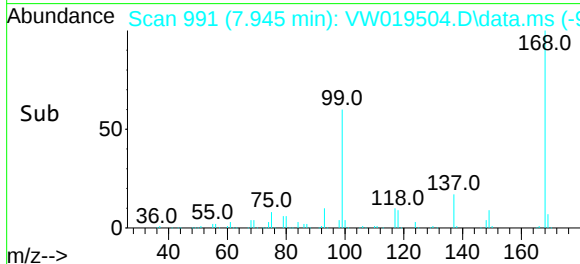
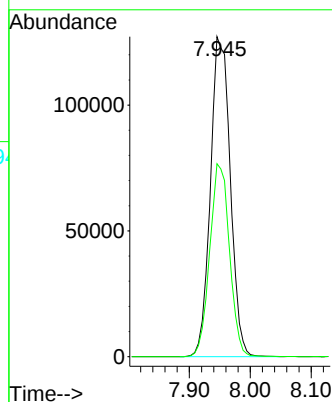
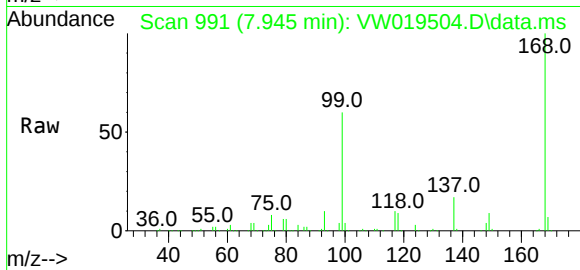




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

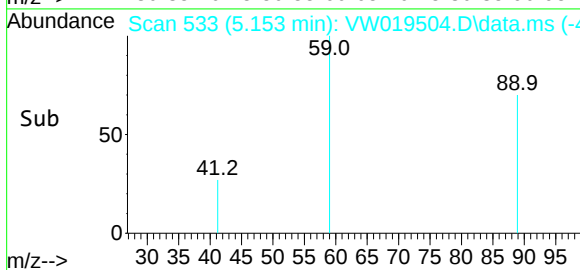
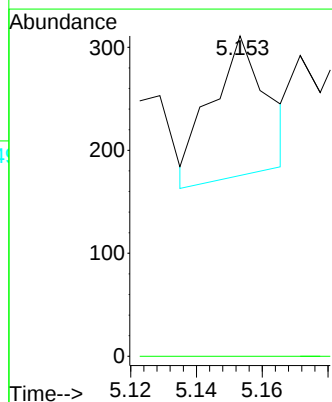
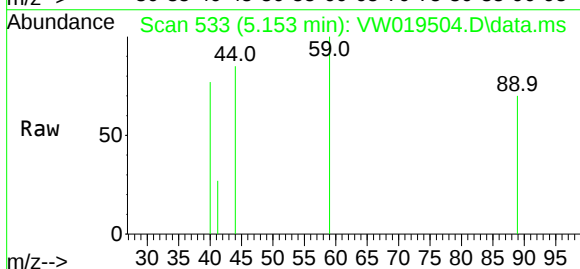
Instrument :
MSVOA_W
ClientSampleId :
BFB

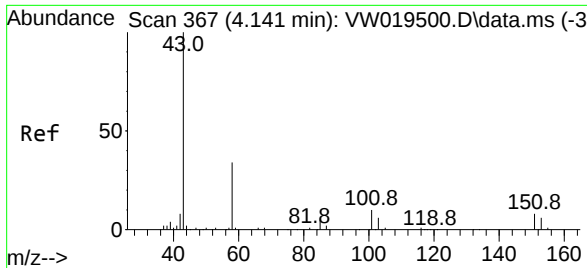
Tgt Ion:168 Resp: 287852
Ion Ratio Lower Upper
168 100
99 60.3 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.153 min Scan# 533
Delta R.T. -0.049 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

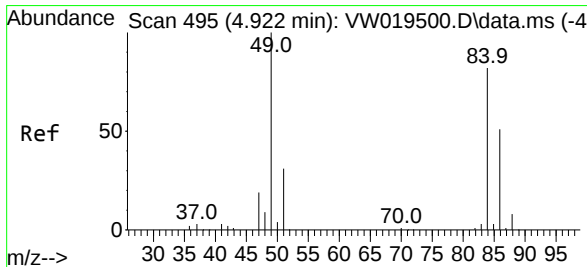
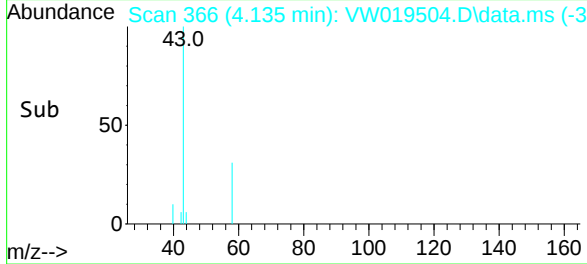
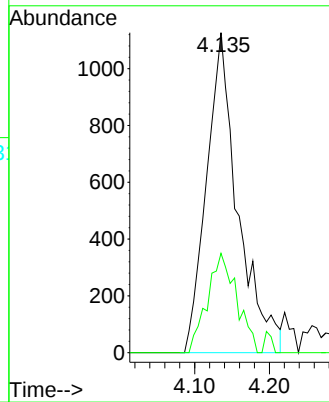
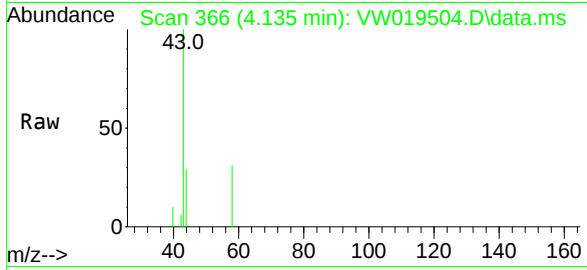




#16
Acetone
Concen: 6.263 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

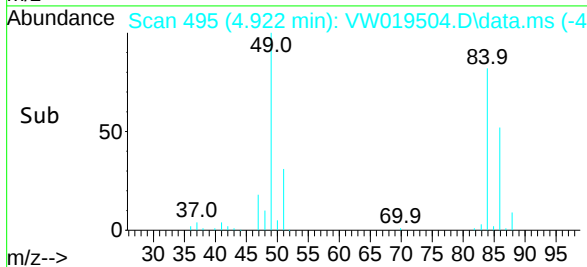
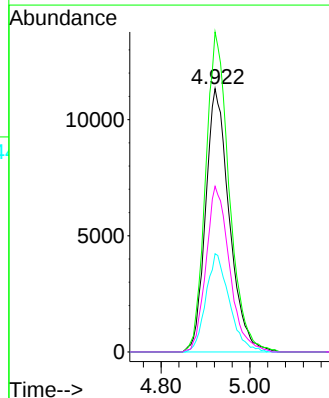
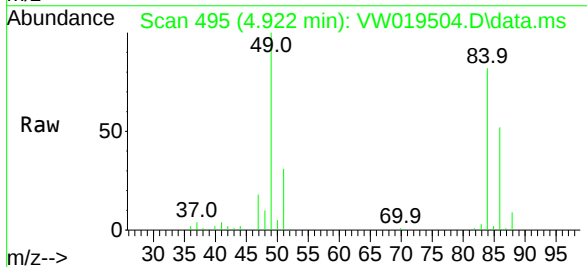
Instrument :
MSVOA_W
ClientSampleId :
BFB

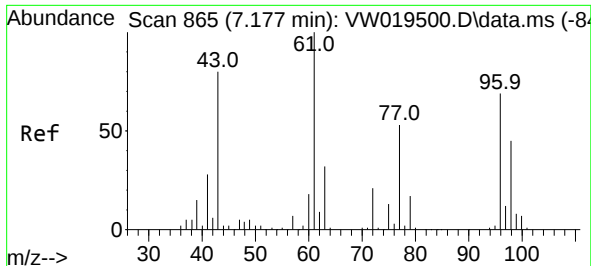
Tgt Ion: 43 Resp: 3279
Ion Ratio Lower Upper
43 100
58 31.1 27.2 40.8



#20
Methylene Chloride
Concen: 8.403 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 84 Resp: 42007
Ion Ratio Lower Upper
84 100
49 121.5 97.2 145.8
51 37.3 30.1 45.1
86 62.9 49.9 74.9

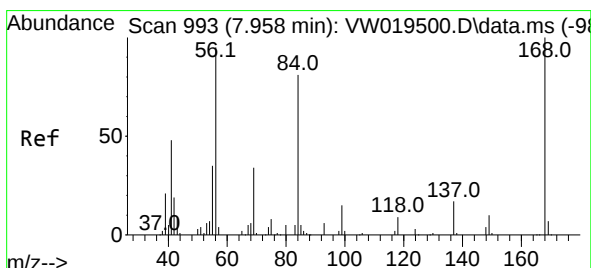
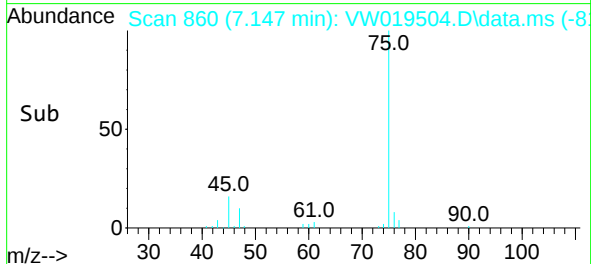
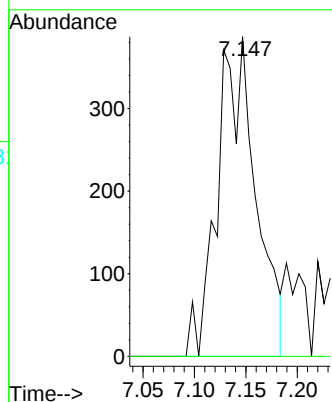
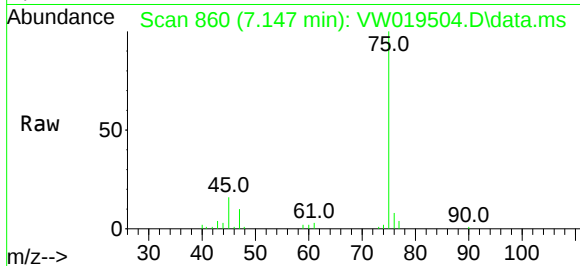




#25
2-Butanone
Concen: 1.112 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

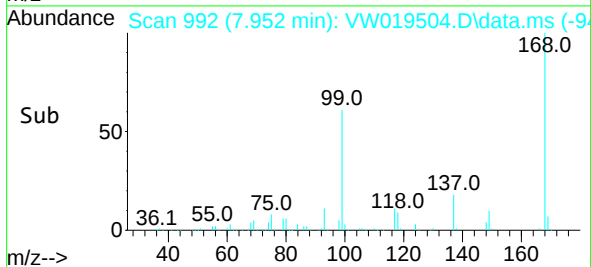
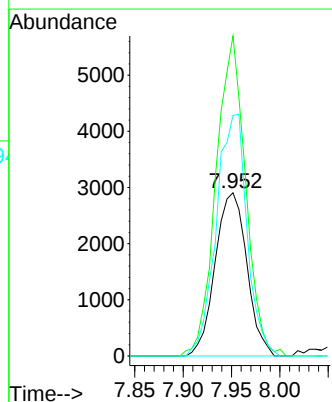
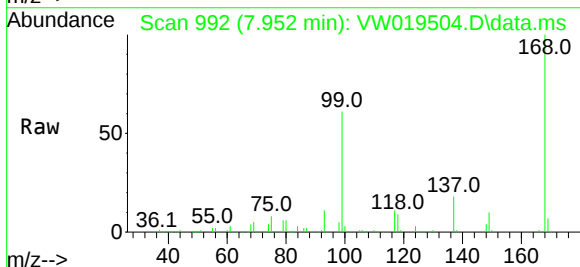
Instrument :
MSVOA_W
ClientSampled :
BFB

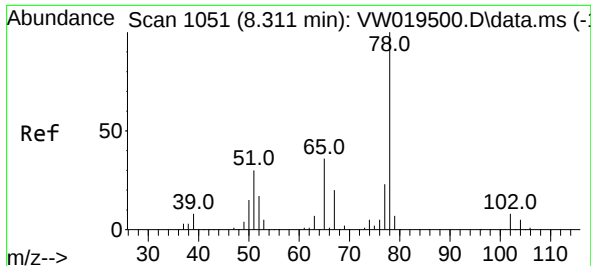
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 56 Resp: 6623
Ion Ratio Lower Upper
56 100
69 196.0 28.3 42.5#
84 147.3 68.1 102.1#

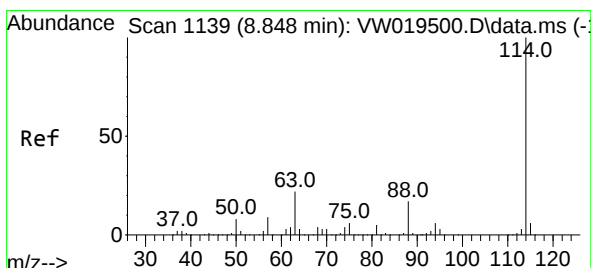
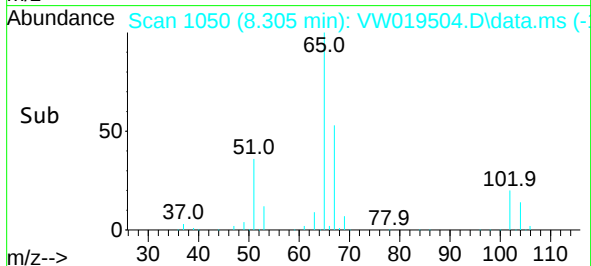
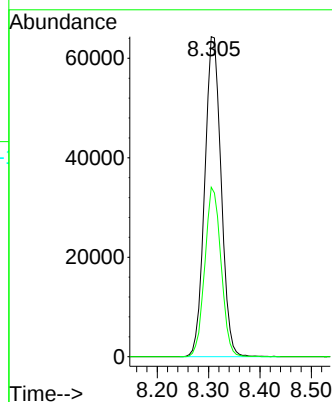
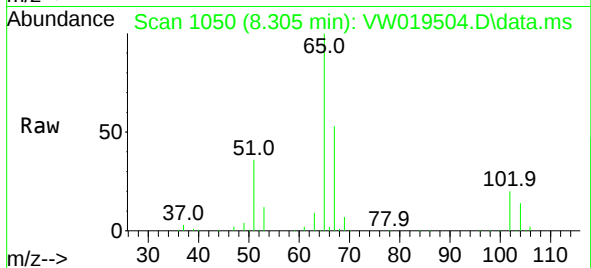




#33
 1,2-Dichloroethane-d4
 Concen: 51.306 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VW019504.D
 Acq: 19 Jul 2021 15:35

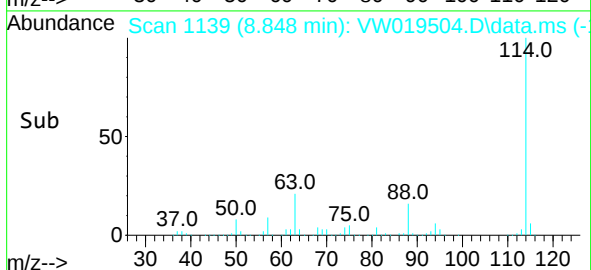
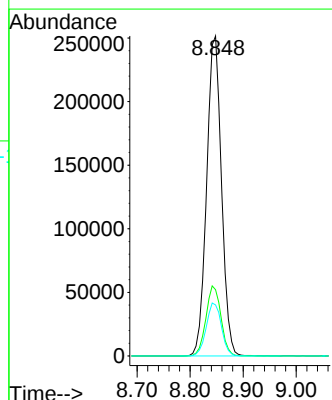
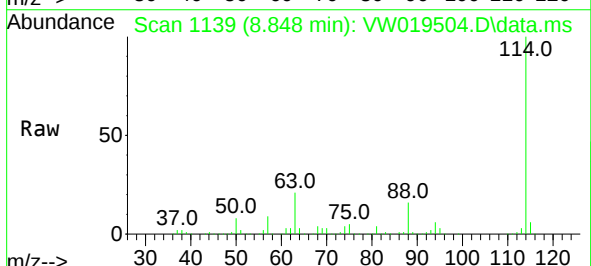
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

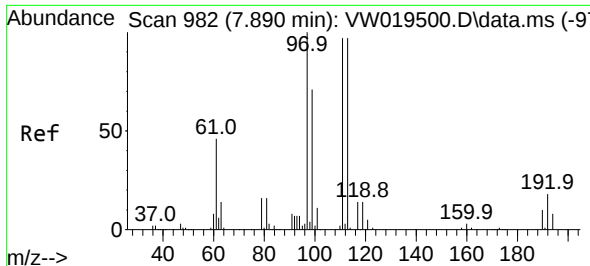
Tgt Ion: 65 Resp: 142576
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: VW019504.D
 Acq: 19 Jul 2021 15:35

Tgt Ion: 114 Resp: 487525
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.8
 88 15.9 0.0 33.4

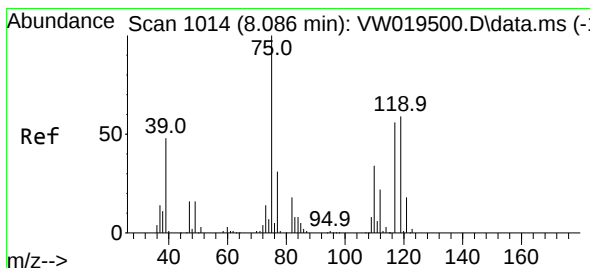
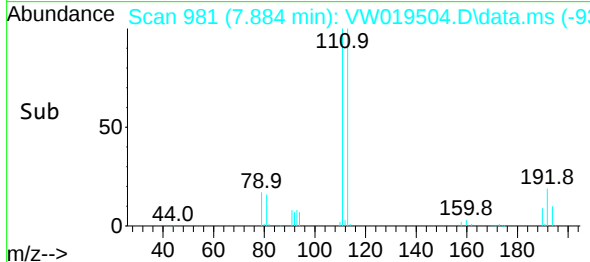
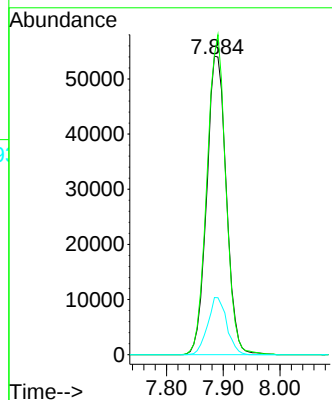
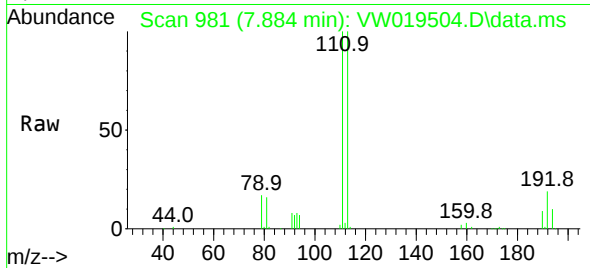




#35
 Dibromofluoromethane
 Concen: 43.738 ug/l
 RT: 7.884 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: VW019504.D
 Acq: 19 Jul 2021 15:35

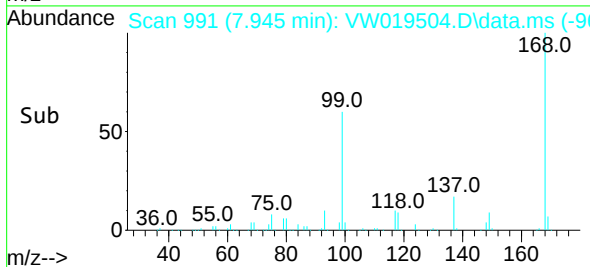
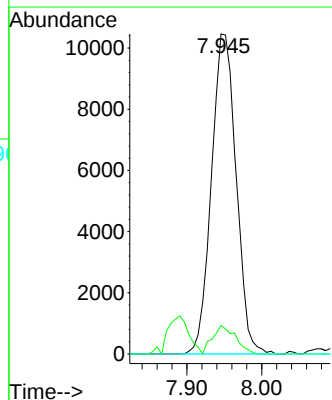
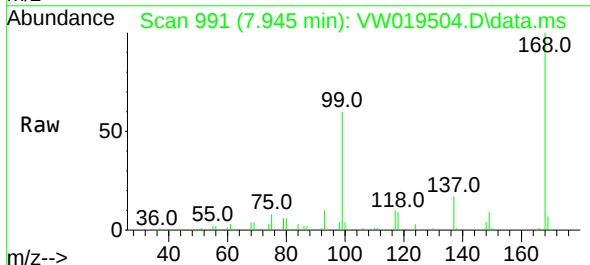
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

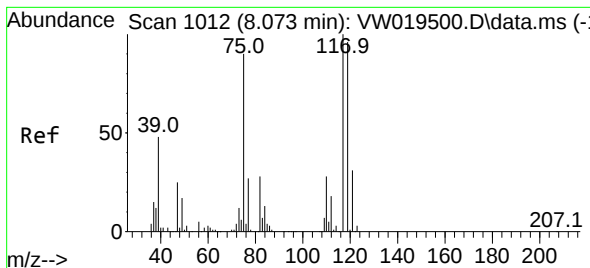
Tgt Ion:113 Resp: 130276
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.8 125.6
 192 18.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.140 min
 Lab File: VW019504.D
 Acq: 19 Jul 2021 15:35

Tgt Ion: 75 Resp: 24042
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.6 49.7#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.241 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.122 min

Lab File: VW019504.D

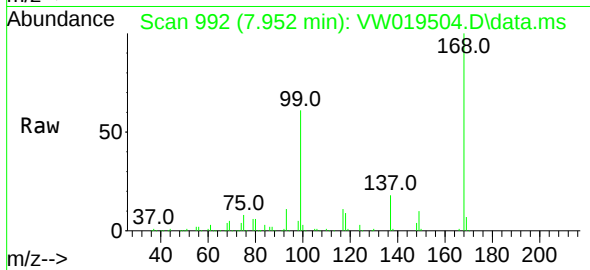
Acq: 19 Jul 2021 15:35

Instrument :

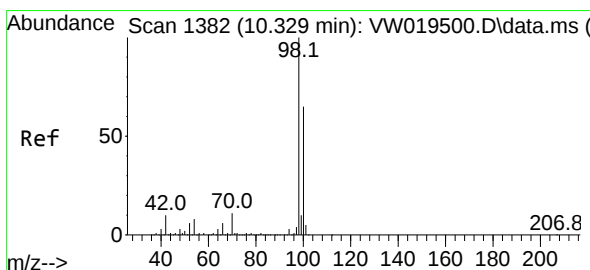
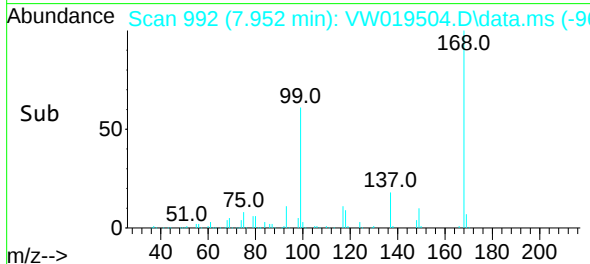
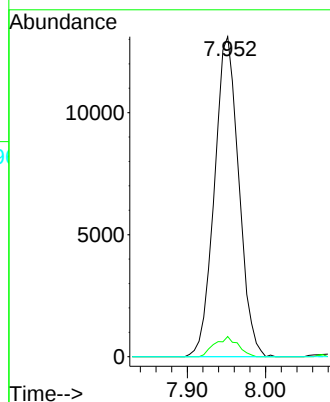
MSVOA_W

ClientSampleId :

BFB



Tgt Ion:	117	Resp:	28335
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.7	115.1#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 41.578 ug/l

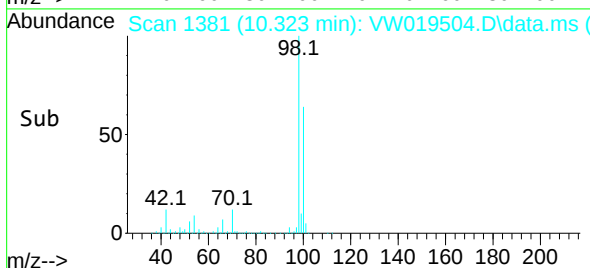
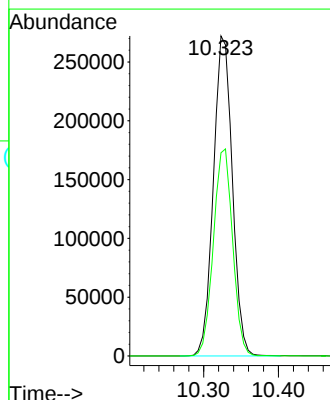
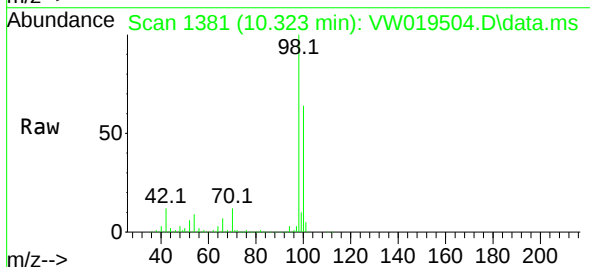
RT: 10.323 min Scan# 1381

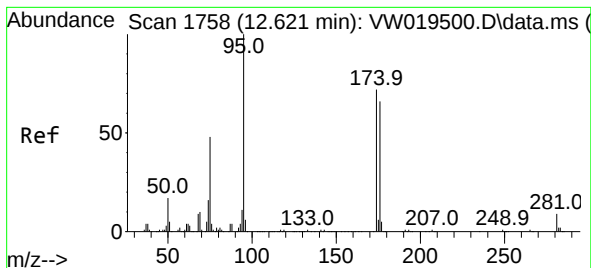
Delta R.T. -0.006 min

Lab File: VW019504.D

Acq: 19 Jul 2021 15:35

Tgt Ion:	98	Resp:	479495
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4

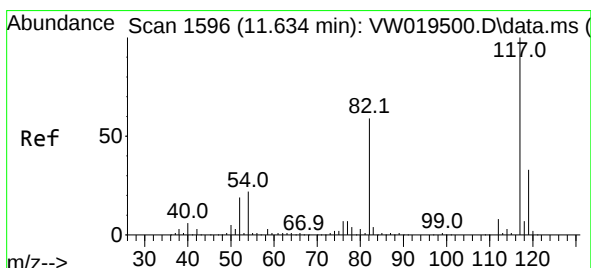
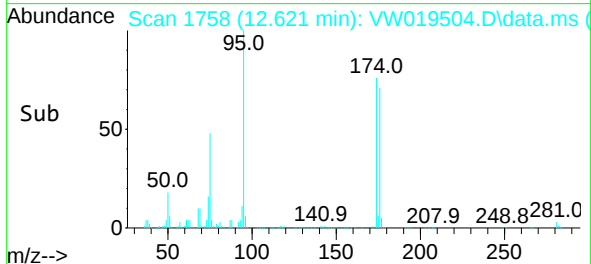
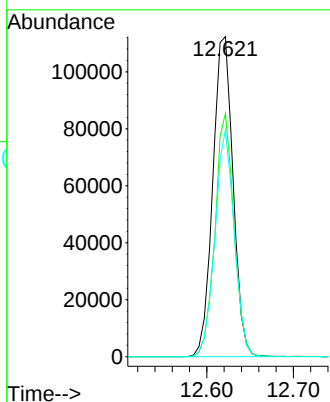
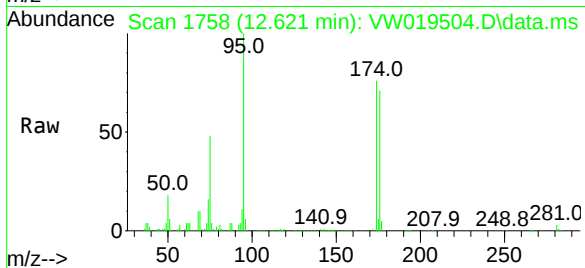




#62
4-Bromofluorobenzene
Concen: 42.113 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

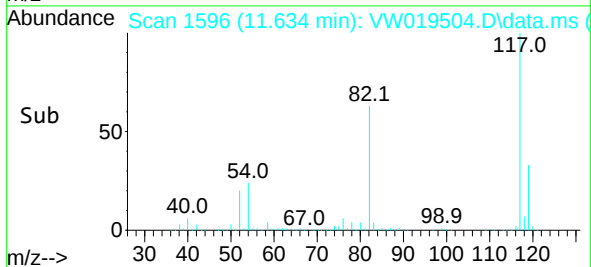
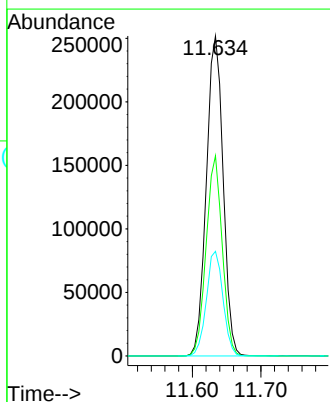
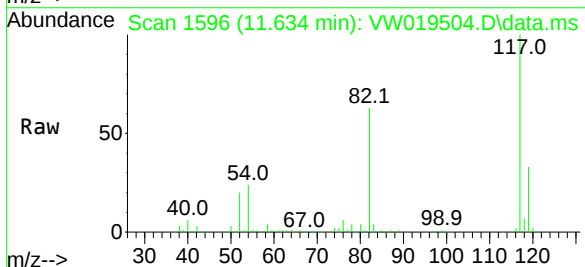
Instrument :
MSVOA_W
ClientSampled :
BFB

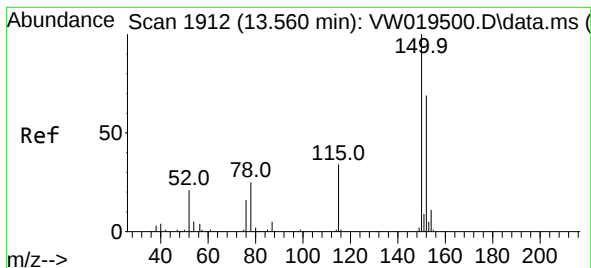
Tgt Ion: 95 Resp: 182174
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 67.6 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 117 Resp: 427895
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.0
119 32.7 26.6 39.8

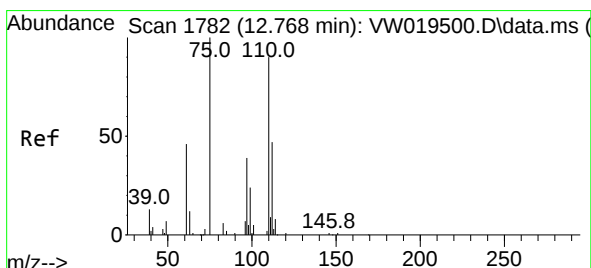
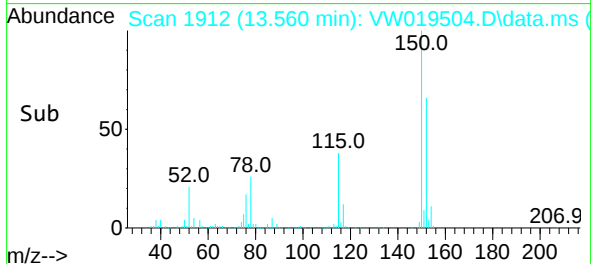
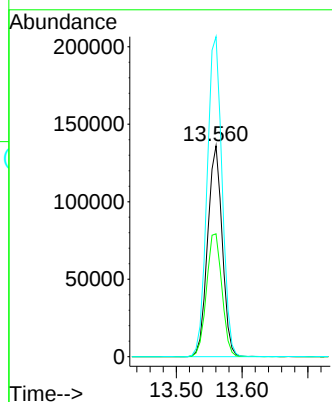
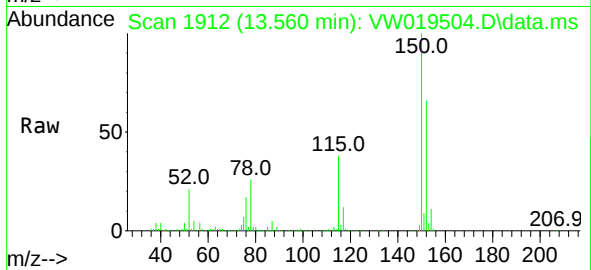




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

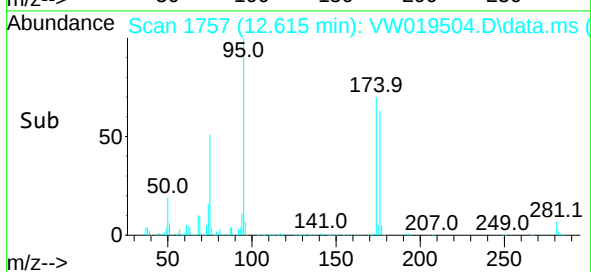
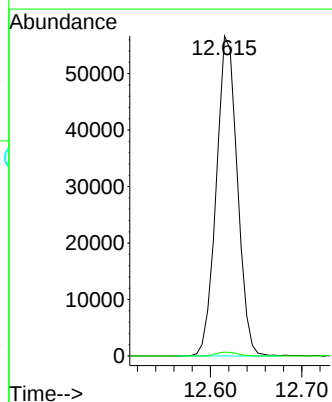
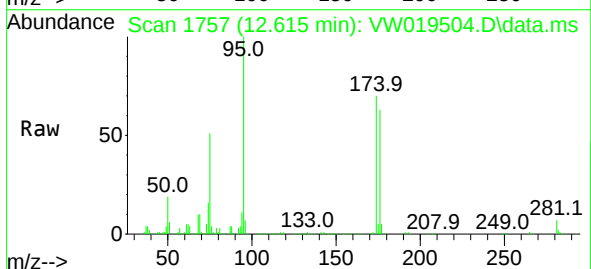
Instrument :
MSVOA_W
ClientSampled :
BFB

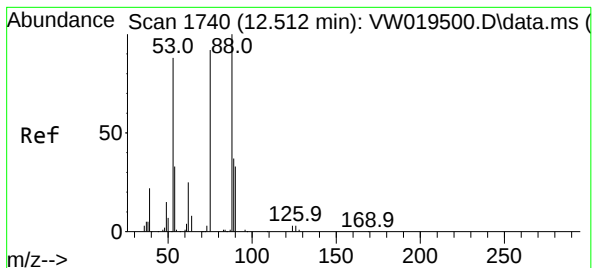
Tgt Ion:152 Resp: 210122
Ion Ratio Lower Upper
152 100
115 61.5 30.6 91.8
150 156.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 43.771 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019504.D
Acq: 19 Jul 2021 15:35

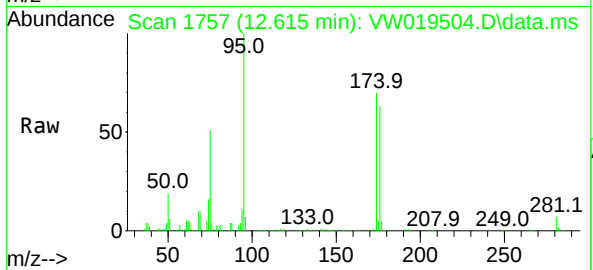
Tgt Ion: 75 Resp: 90899
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.754 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019504.D
 Acq: 19 Jul 2021 15:35

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB



Tgt Ion: 75 Resp: 90899
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.1 35.7 53.5#

