

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019586.D
 Acq On : 23 Jul 2021 20:39
 Operator : SY/VA
 Sample : M3152-04
 Misc : 7.48g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:22:13 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)

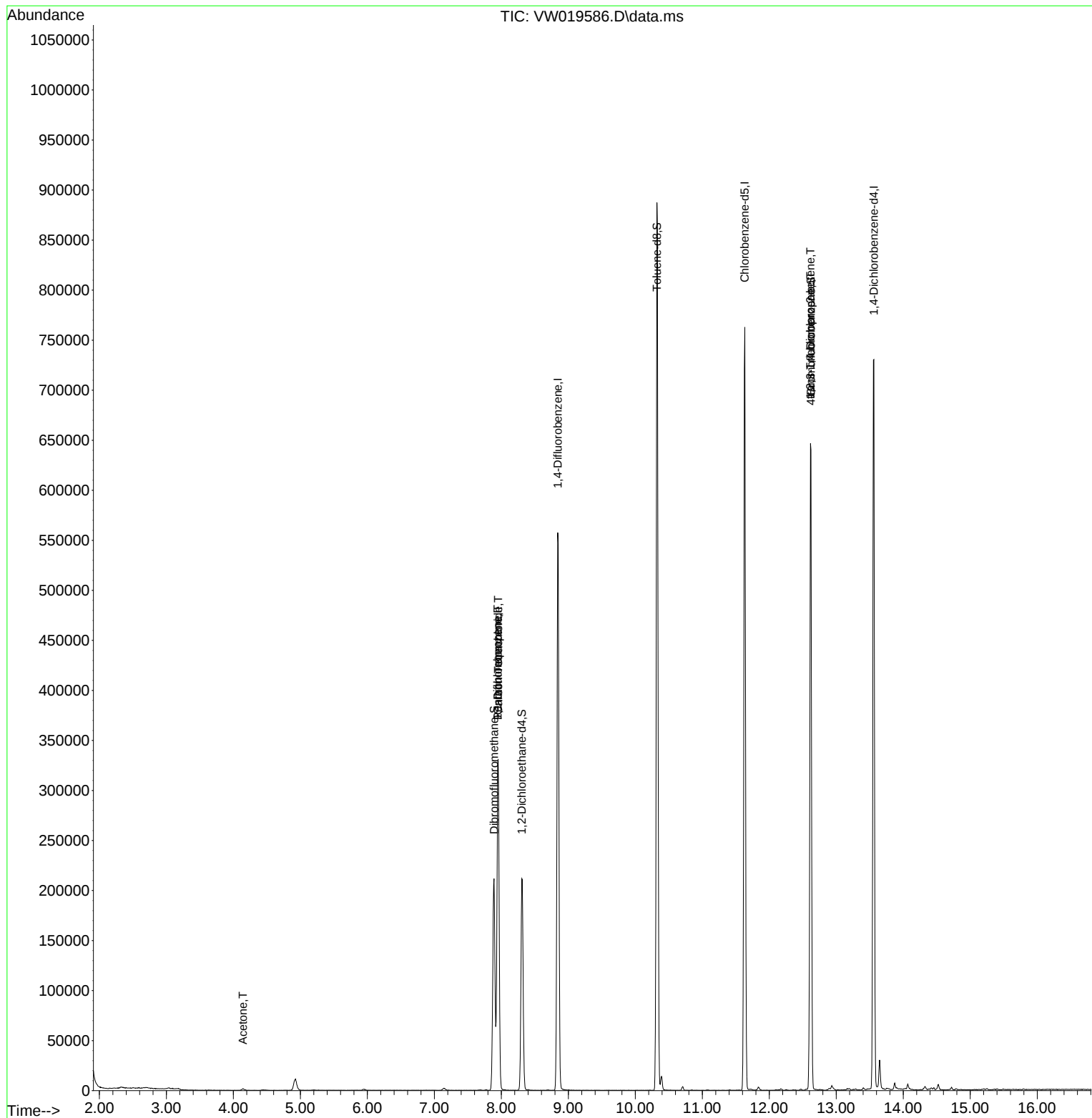
Internal Standards						
1) Pentafluorobenzene	7.945	168	249905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	470532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	425167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	198708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	173254	73.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.640%	
35) Dibromofluoromethane	7.891	113	154330	53.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.360%	
50) Toluene-d8	10.323	98	593352	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.621	95	212687	50.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	581	Below Cal	#	73
16) Acetone	4.141	43	2854	6.279	ug/l	96
20) Methylene Chloride	4.922	84	9256	Below Cal		99
36) 1,1-Dichloropropene	7.945	75	20718	4.130	ug/l #	49
38) Carbon Tetrachloride	7.952	117	24555	5.603	ug/l #	17
76) 1,2,3-Trichloropropane	12.615	75	104623	53.274	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	104623	121.410	ug/l #	12

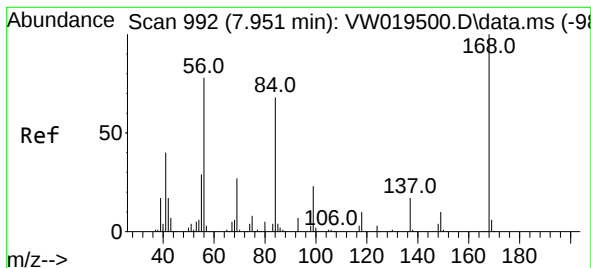
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

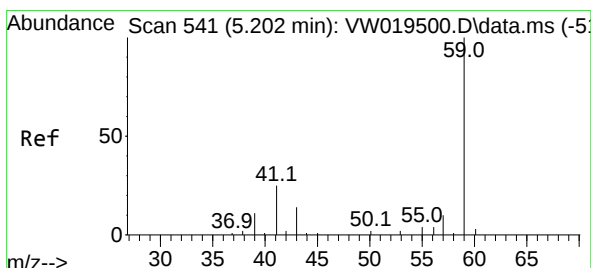
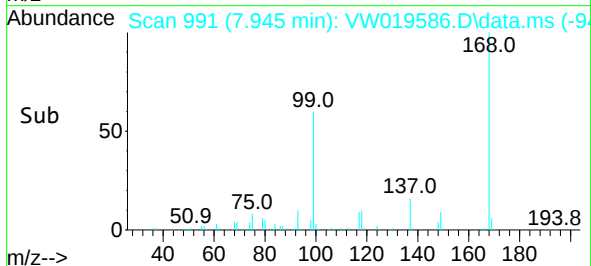
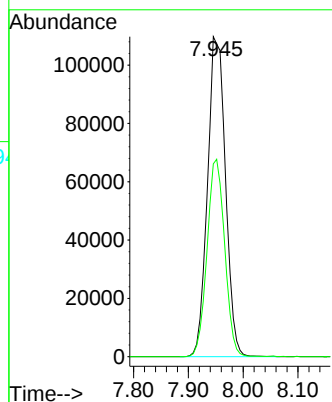
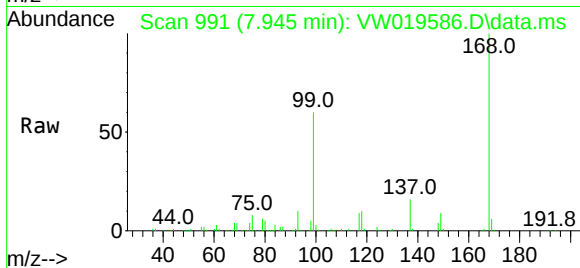




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

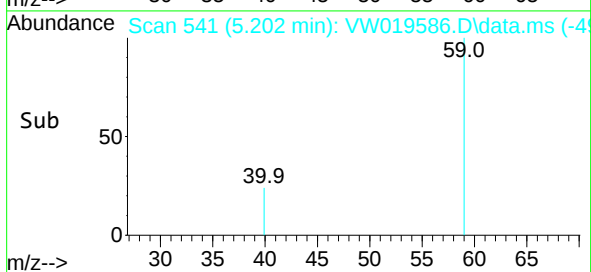
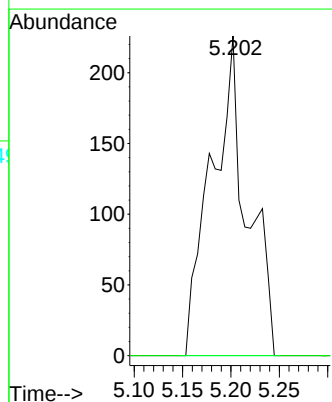
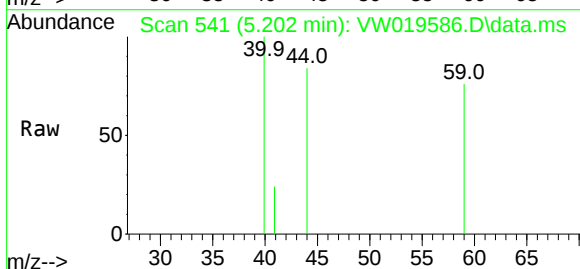
Instrument :
MSVOA_W
ClientSampleId :

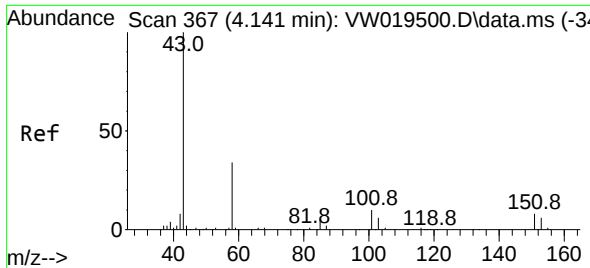
Tgt Ion:168 Resp: 249905
Ion Ratio Lower Upper
168 100
99 60.2 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion: 59 Resp: 581
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

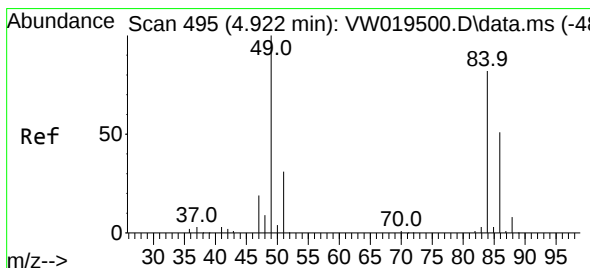
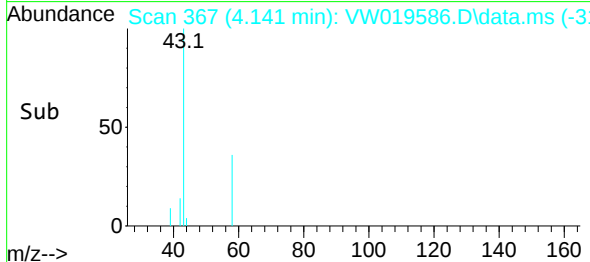
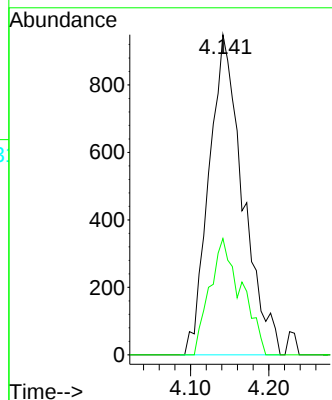
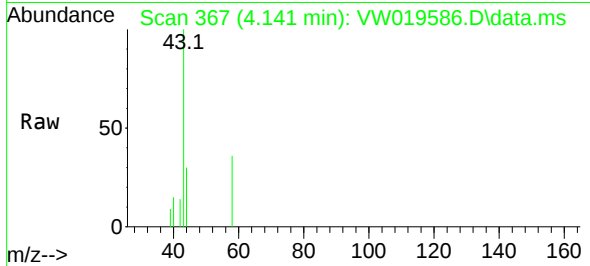




#16
Acetone
Concen: 6.279 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

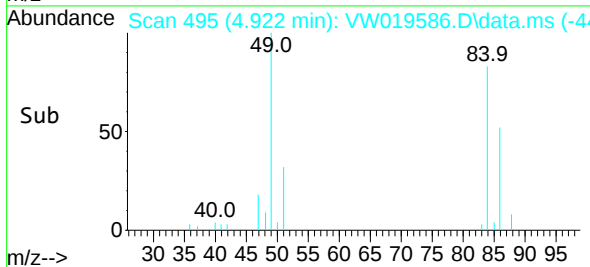
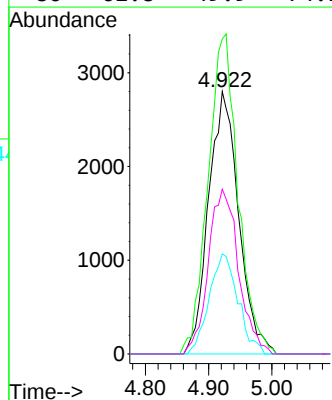
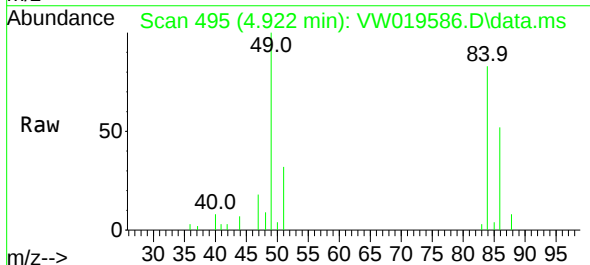
Instrument :
MSVOA_W
ClientSampled :

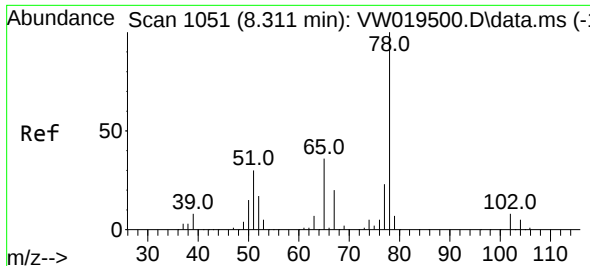
Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
58 36.4 27.2 40.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion: 84 Resp: 9256
Ion Ratio Lower Upper
84 100
49 120.1 97.2 145.8
51 38.2 30.1 45.1
86 62.8 49.9 74.9

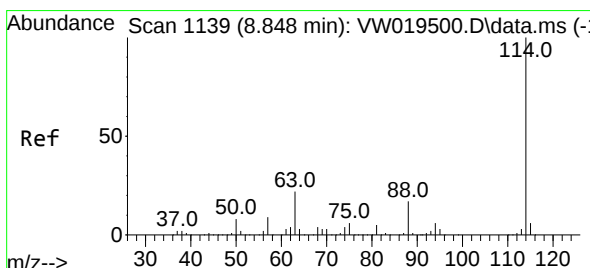
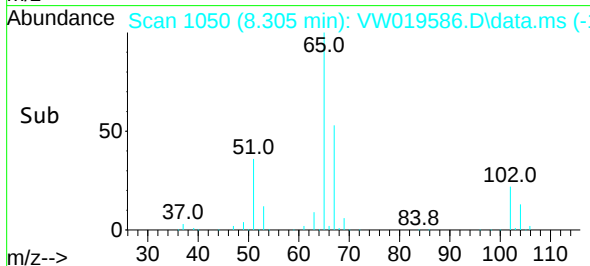
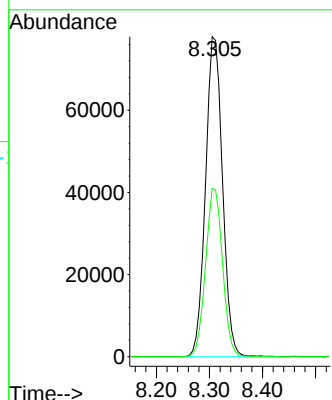
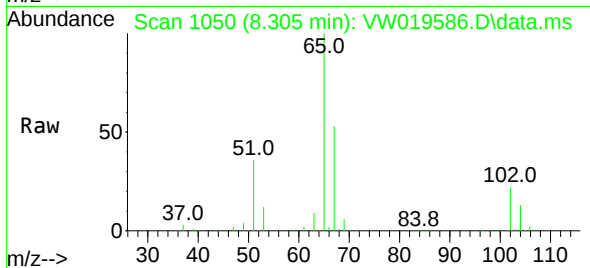




#33
1,2-Dichloroethane-d4
Concen: 73.818 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

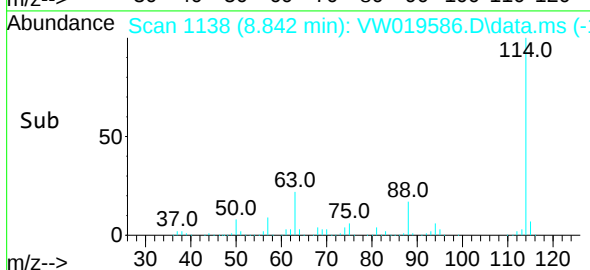
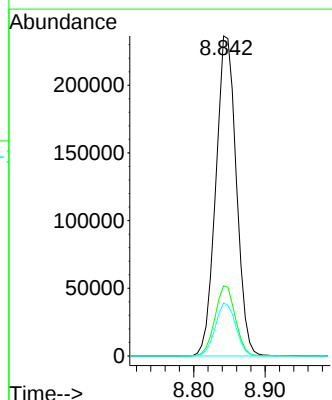
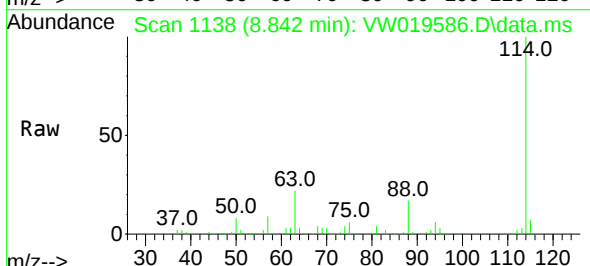
Instrument :
MSVOA_W
ClientSampled :

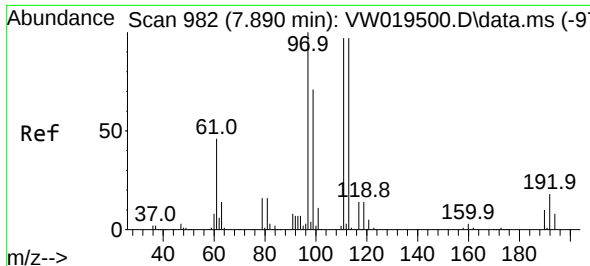
Tgt Ion: 65 Resp: 173254
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

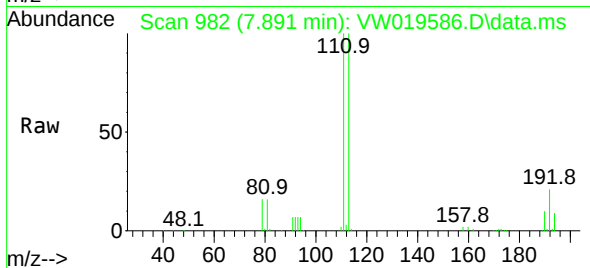
Tgt Ion: 114 Resp: 470532
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 16.5 0.0 33.4



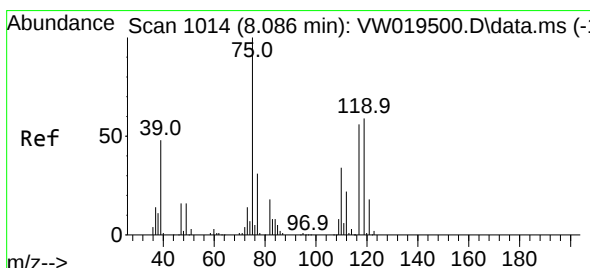
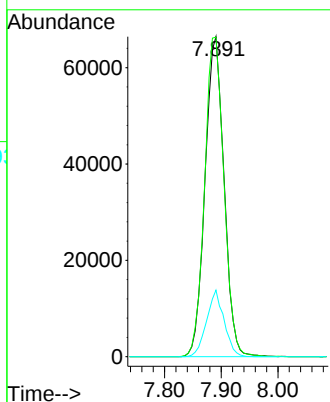
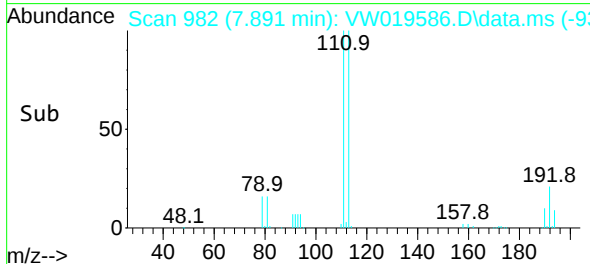


#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

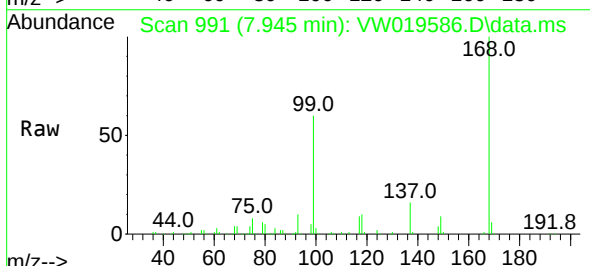
Instrument :
MSVOA_W
ClientSampleId :



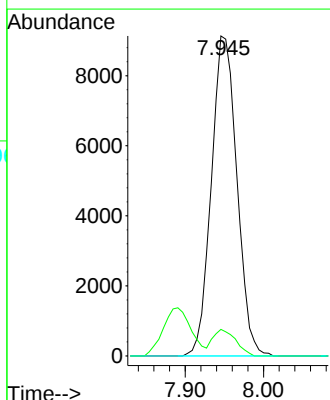
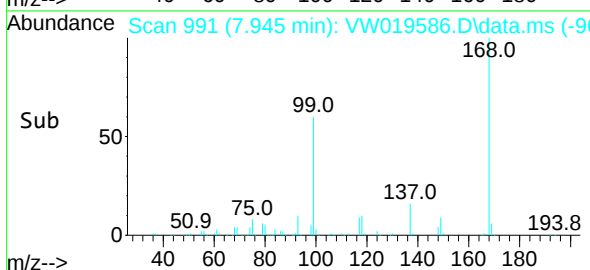
Tgt Ion:113 Resp: 154330
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.2 15.4 23.2

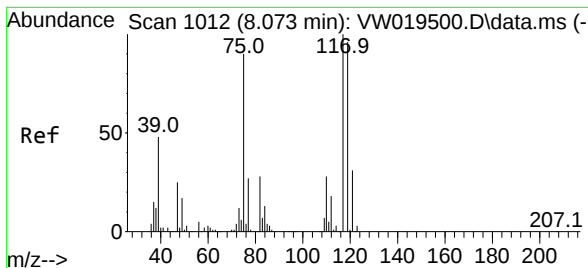


#36
1,1-Dichloropropene
Concen: 4.130 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39



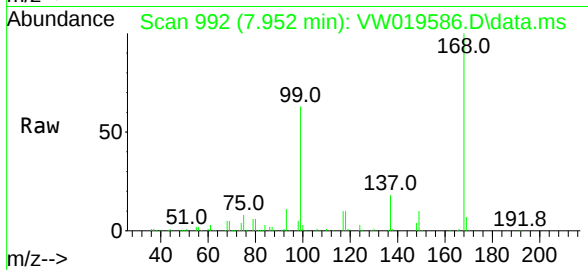
Tgt Ion: 75 Resp: 20718
Ion Ratio Lower Upper
75 100
110 7.4 16.6 49.7#
77 0.0 25.1 37.7#



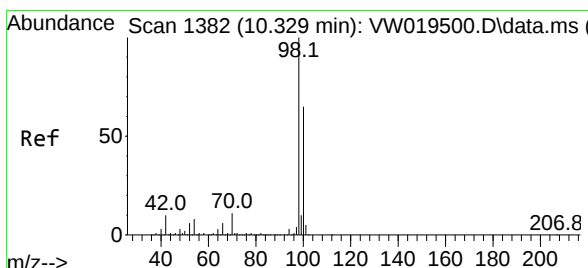
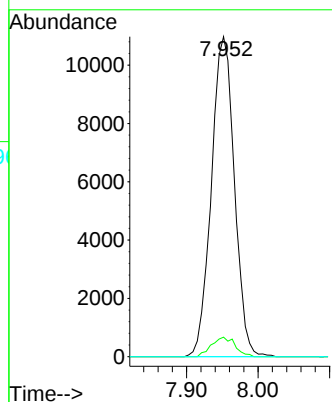
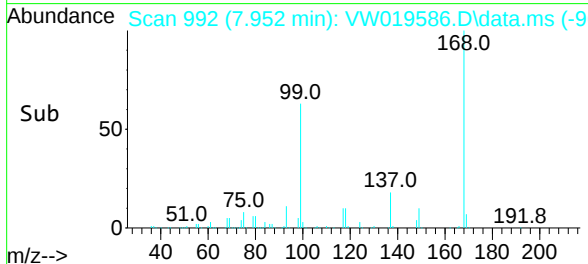


#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

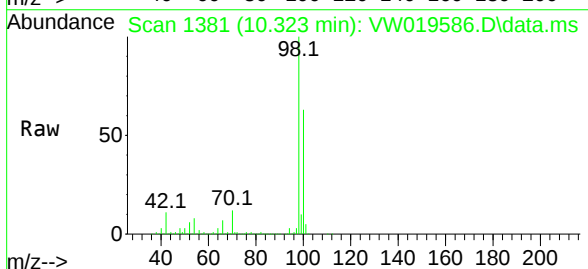
Instrument :
MSVOA_W
ClientSampled :



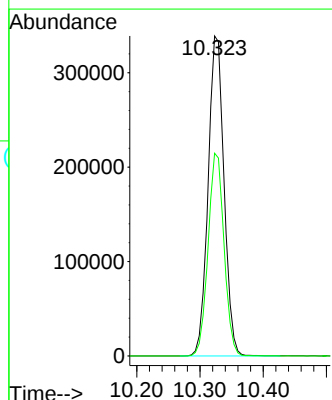
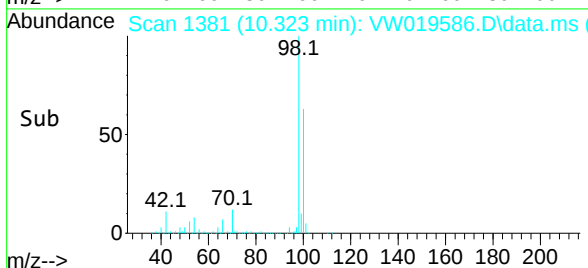
Tgt Ion:117 Resp: 24555
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 24.8 37.2#

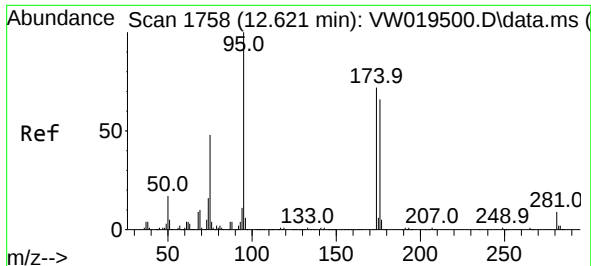


#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39



Tgt Ion: 98 Resp: 593352
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

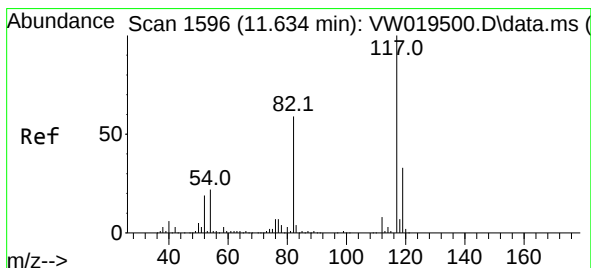
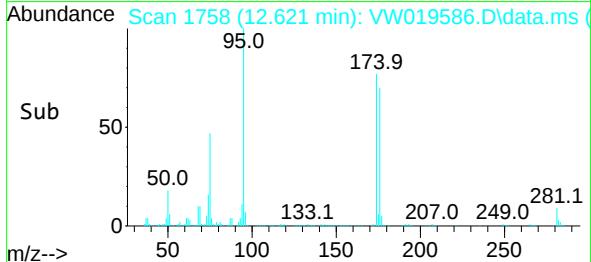
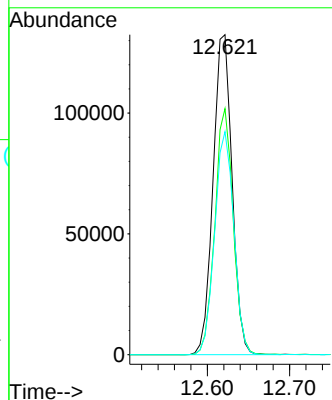
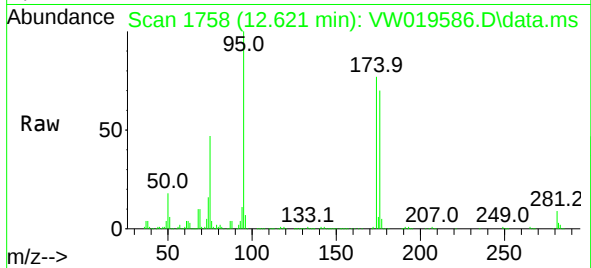




#62
4-Bromofluorobenzene
Concen: 50.942 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

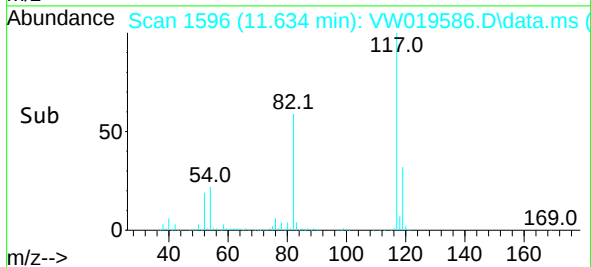
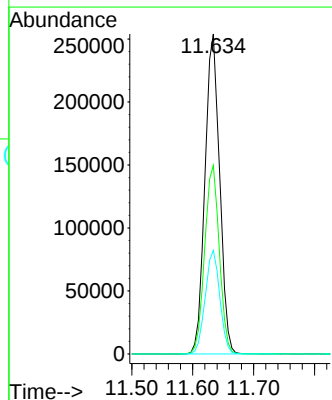
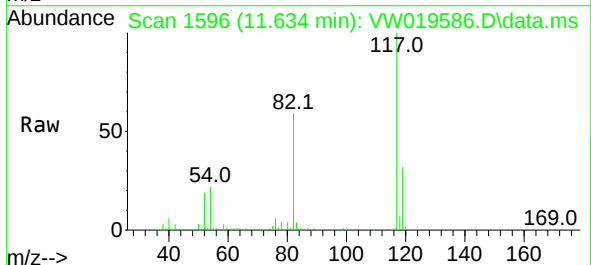
Instrument :
MSVOA_W
ClientSampled :

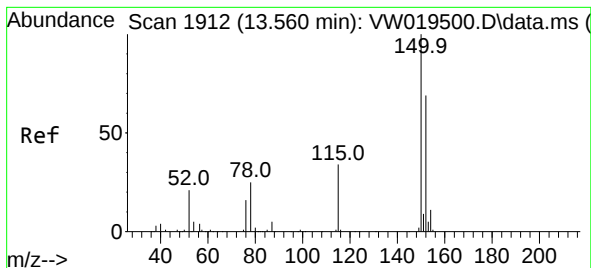
Tgt Ion: 95 Resp: 212687
Ion Ratio Lower Upper
95 100
174 74.4 0.0 146.6
176 70.5 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion:117 Resp: 425167
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.3 26.6 39.8

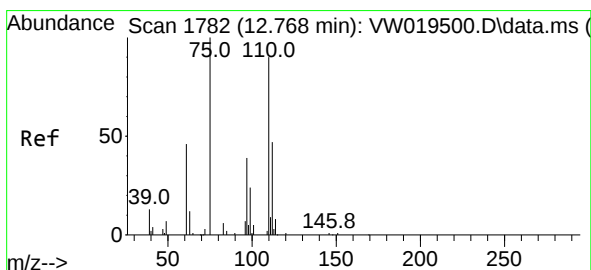
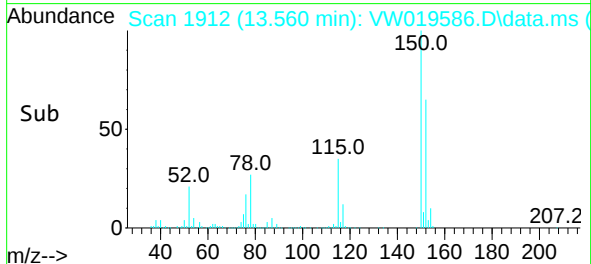
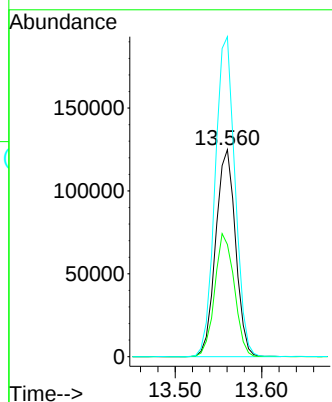
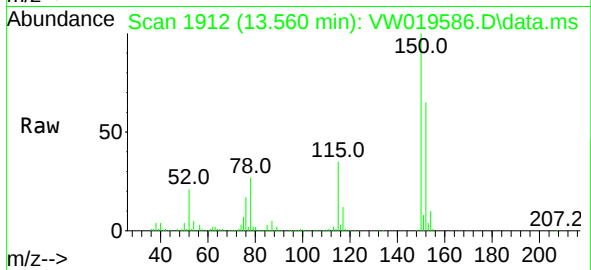




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

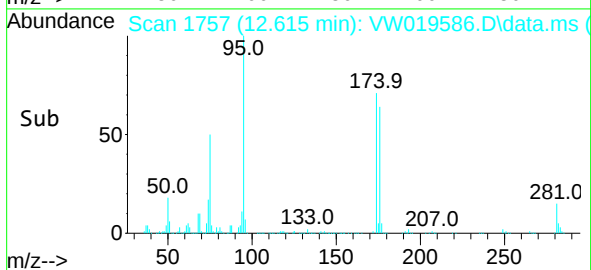
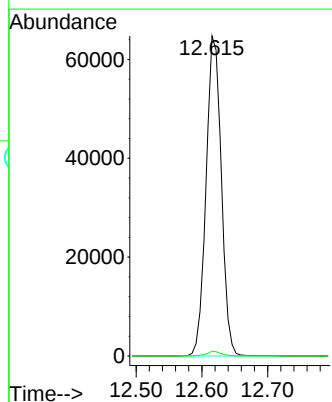
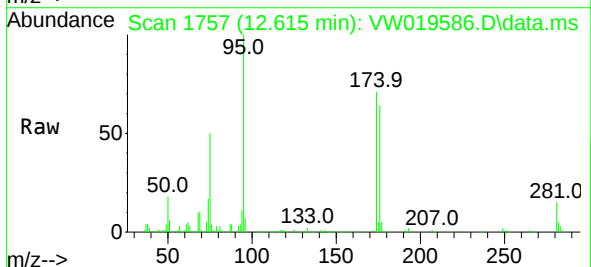
Instrument :
MSVOA_W
ClientSampled :

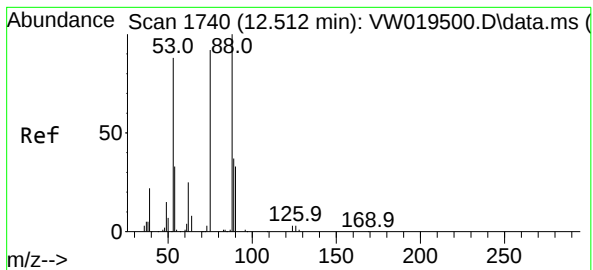
Tgt Ion:152 Resp: 198708
Ion Ratio Lower Upper
152 100
115 58.7 30.6 91.8
150 155.3 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 53.274 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

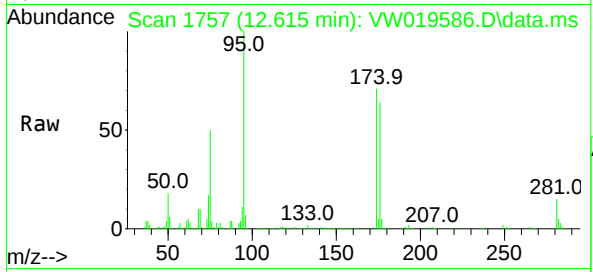
Tgt Ion: 75 Resp: 104623
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.410 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019586.D
 Acq: 23 Jul 2021 20:39

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 104623

Ion	Ratio	Lower	Upper
75	100		
53	0.2	75.8	113.8#
89	0.2	35.7	53.5#

