

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019044.D
 Acq On : 20 May 2021 16:29
 Operator : SY/VA
 Sample : VW0521SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 21 05:01:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:59:48 2021
 Response via : Initial Calibration

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

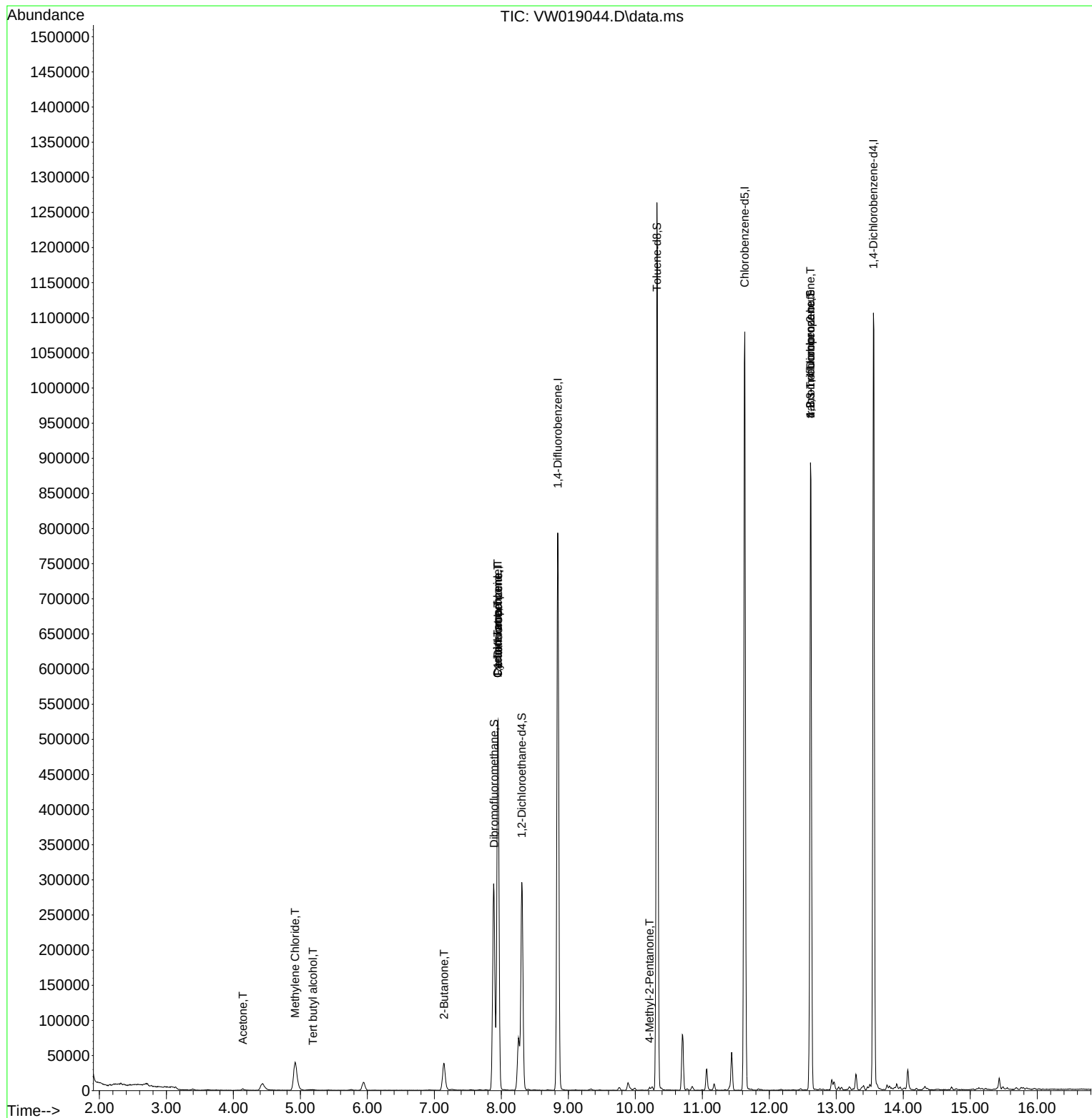
Internal Standards						
1) Pentafluorobenzene	7.952	168	386527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	663089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	596073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	279802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	235973	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	7.891	113	204366	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
50) Toluene-d8	10.323	98	816917	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.615	95	280444	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.190	59	1035	3.02	ug/l #	84
16) Acetone	4.141	43	3594	5.80	ug/l #	71
20) Methylene Chloride	4.922	84	36834	3.20	ug/l	98
25) 2-Butanone	7.147	43	2003	1.97	ug/l #	65
31) Cyclohexane	7.945	56	9391	1.42	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	32555	4.93	ug/l #	50
38) Carbon Tetrachloride	7.945	117	39655	6.81	ug/l #	16
51) 4-Methyl-2-Pentanone	10.213	43	3099	1.26	ug/l #	83
76) 1,2,3-Trichloropropane	12.615	75	150705	57.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	150705	139.03	ug/l #	9

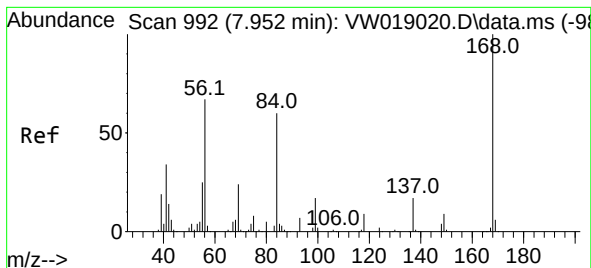
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 21 05:01:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Thu May 20 03:59:48 2021
Response via : Initial Calibration

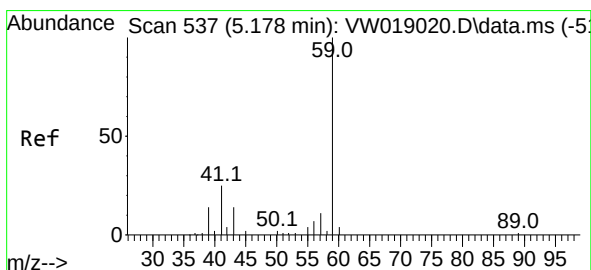
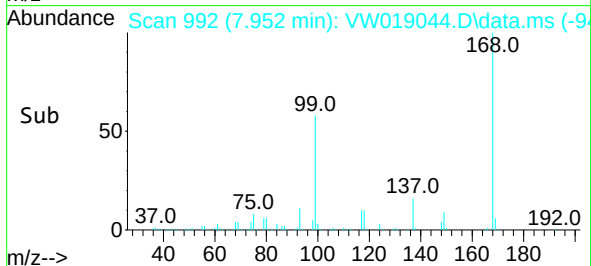
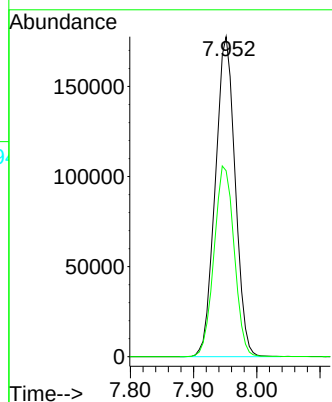
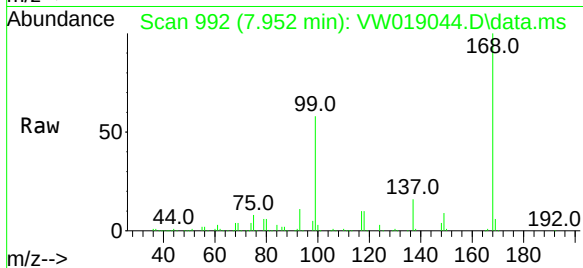




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

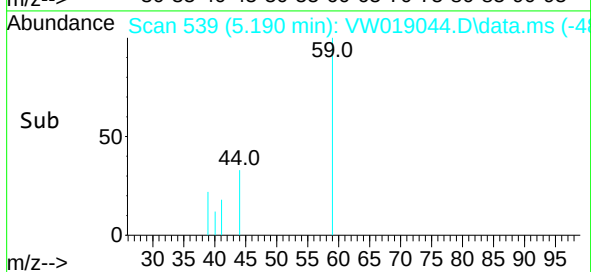
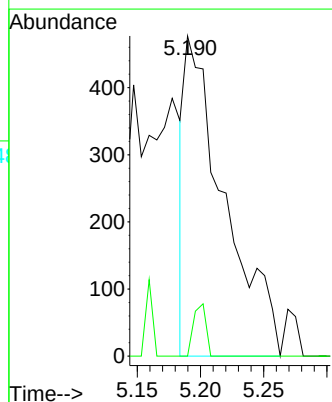
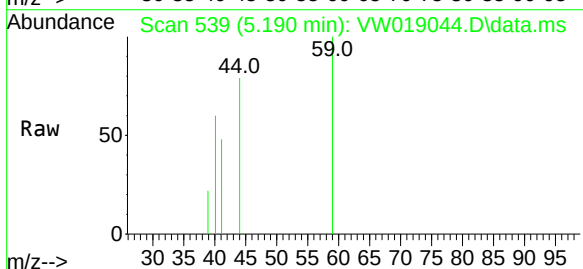
Instrument :
MSVOA_W
ClientSampled :

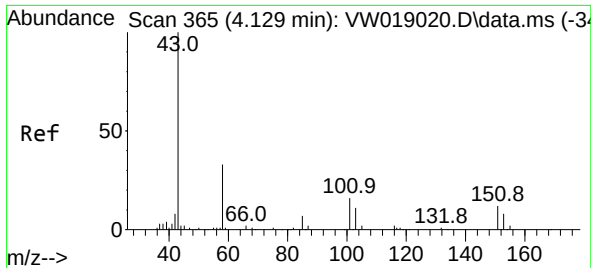
Tgt Ion:168 Resp: 386527
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.02 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion: 59 Resp: 1035
Ion Ratio Lower Upper
59 100
57 5.1 8.9 13.3#

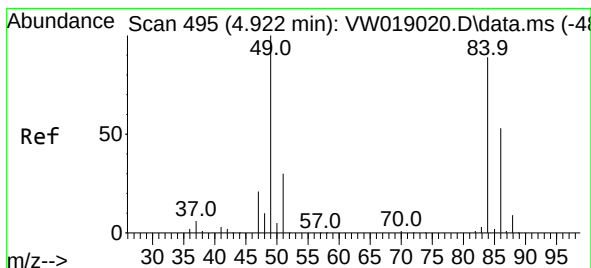
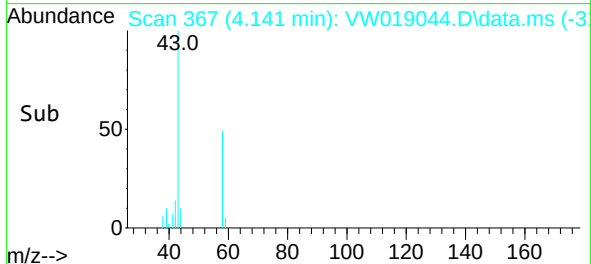
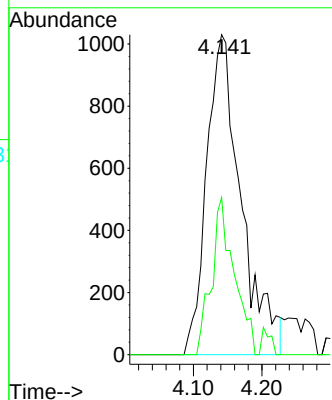
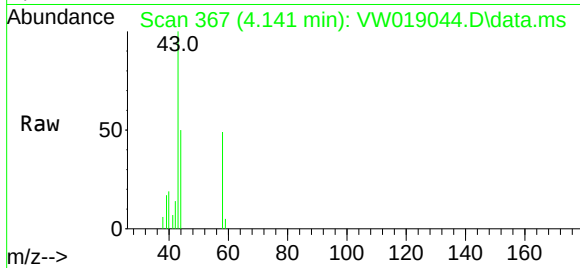




#16
Acetone
Concen: 5.80 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

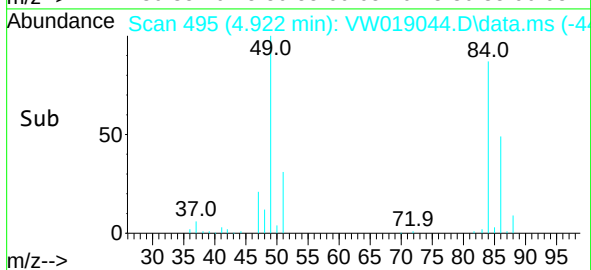
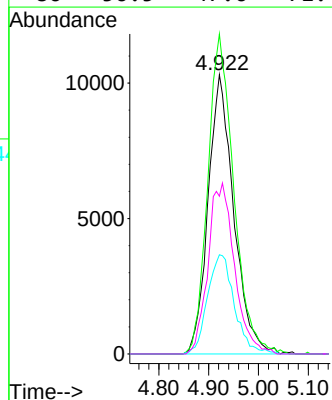
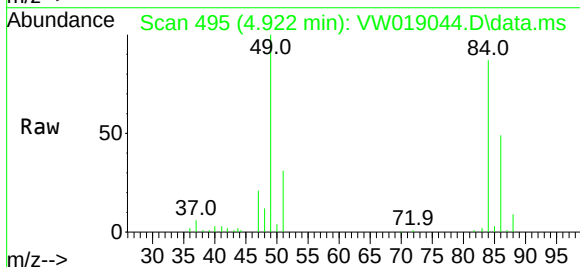
Instrument :
MSVOA_W
ClientSampled :

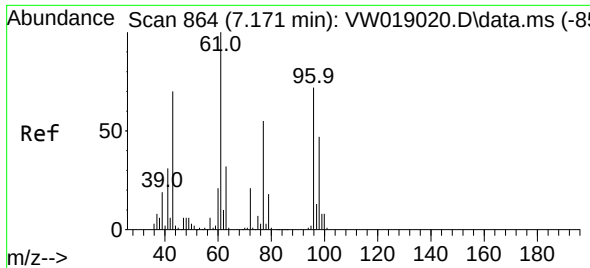
Tgt Ion: 43 Resp: 3594
Ion Ratio Lower Upper
43 100
58 49.1 26.4 39.6#



#20
Methylene Chloride
Concen: 3.20 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion: 84 Resp: 36834
Ion Ratio Lower Upper
84 100
49 114.6 90.4 135.6
51 35.5 27.1 40.7
86 56.5 47.6 71.4

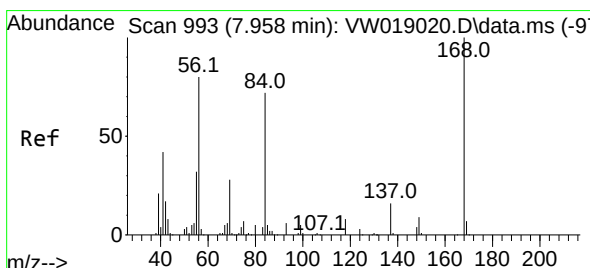
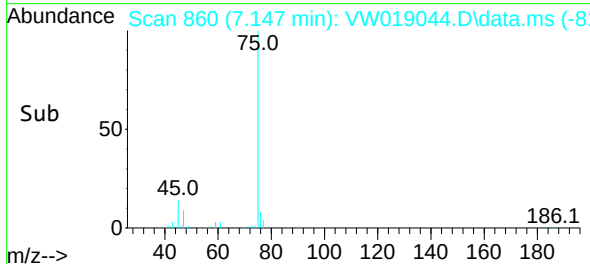
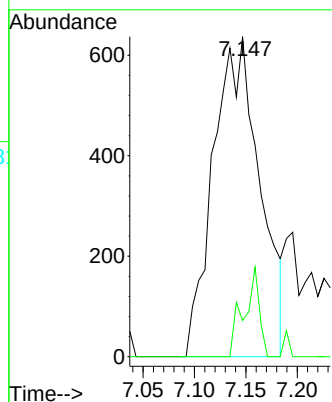
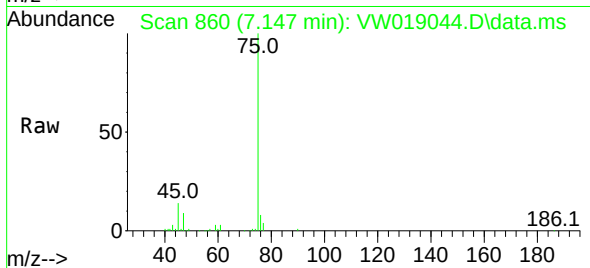




#25
2-Butanone
Concen: 1.97 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.025 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

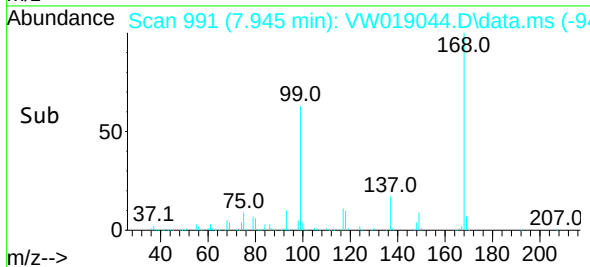
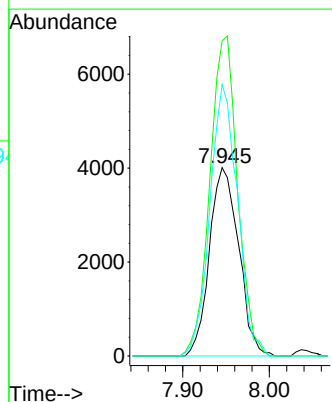
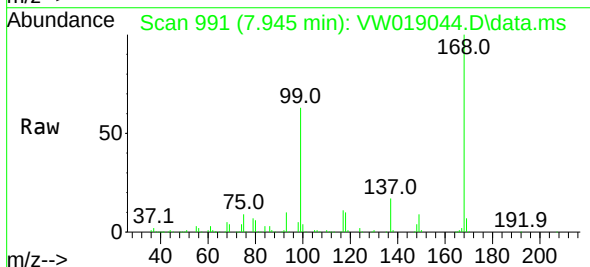
Instrument :
MSVOA_W
ClientSampled :

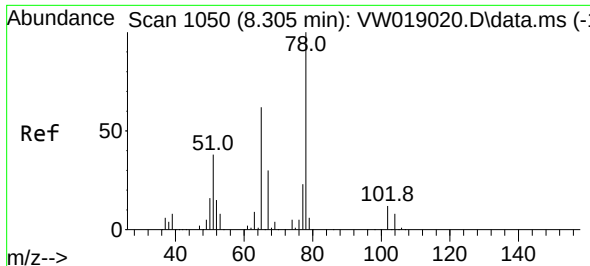
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
72 11.3 24.0 36.0#



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion: 56 Resp: 9391
Ion Ratio Lower Upper
56 100
69 167.3 28.4 42.6#
84 144.1 72.3 108.5#

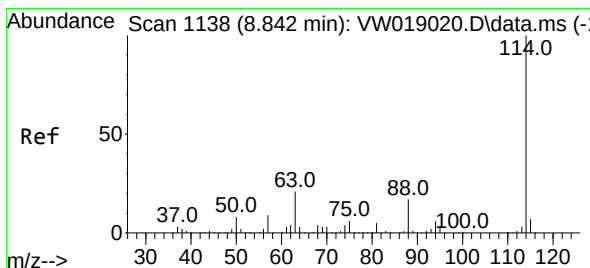
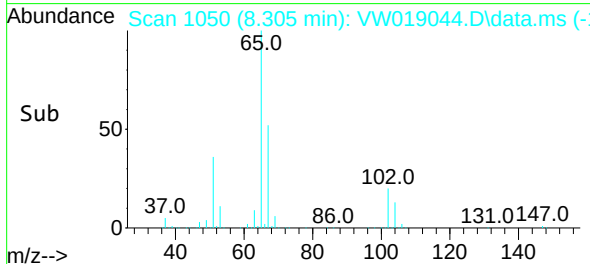
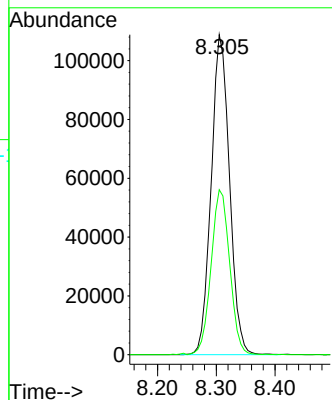
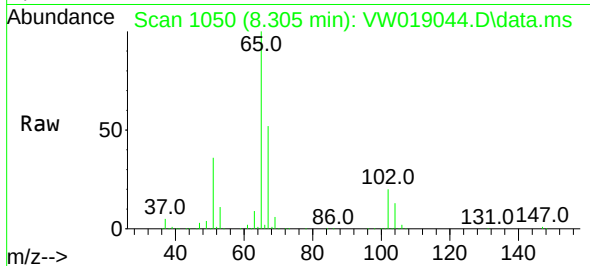




#33
1,2-Dichloroethane-d4
Concen: 54.67 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

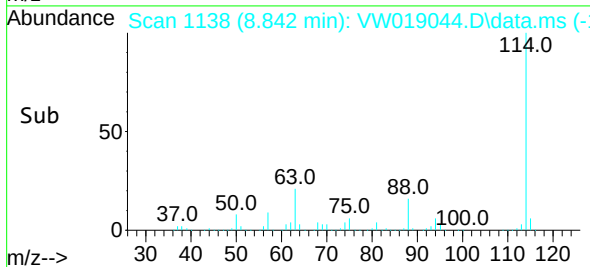
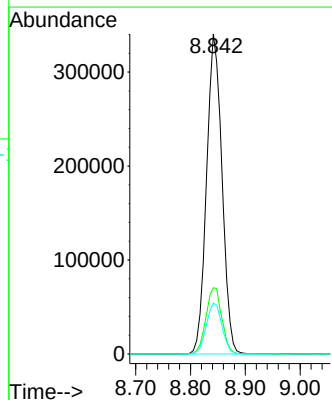
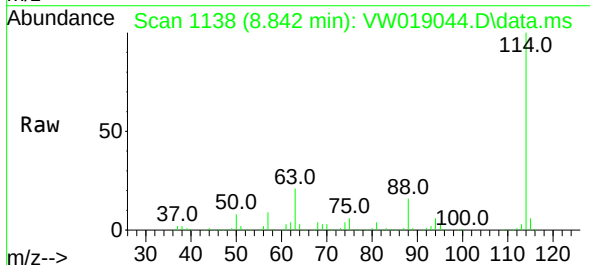
Instrument :
MSVOA_W
ClientSampled :

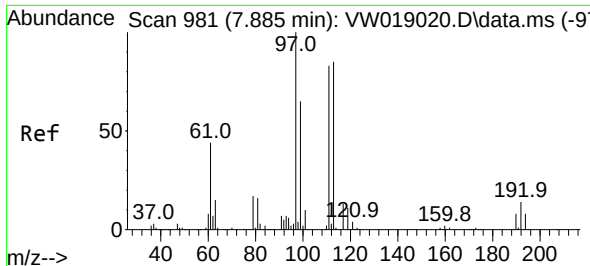
Tgt Ion: 65 Resp: 235973
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

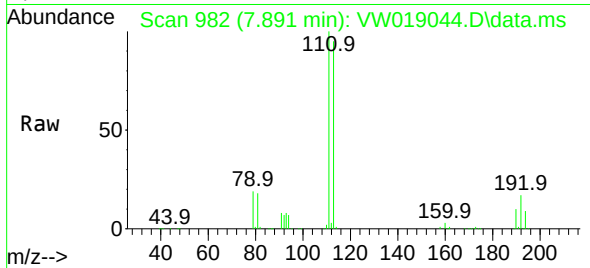
Tgt Ion: 114 Resp: 663089
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.9 0.0 33.2



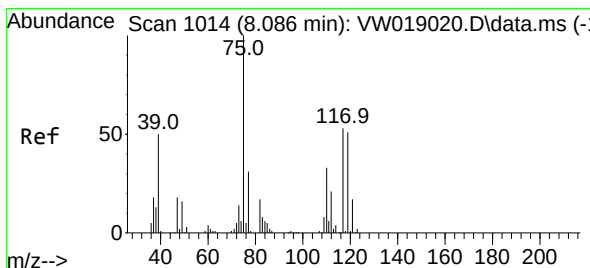
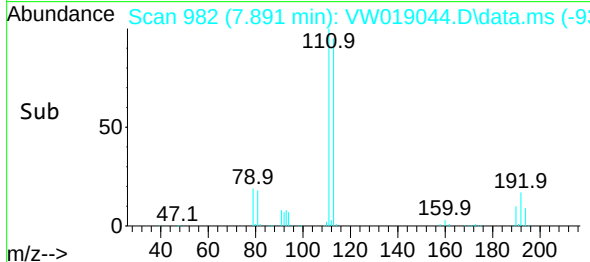
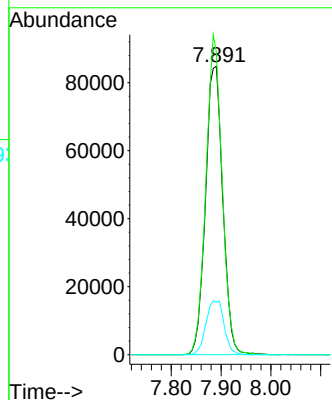


#35
 Dibromofluoromethane
 Concen: 49.61 ug/l
 RT: 7.891 min Scan# 982
 Delta R.T. 0.006 min
 Lab File: VW019044.D
 Acq: 20 May 2021 16:29

Instrument :
 MSVOA_W
 ClientSampled :

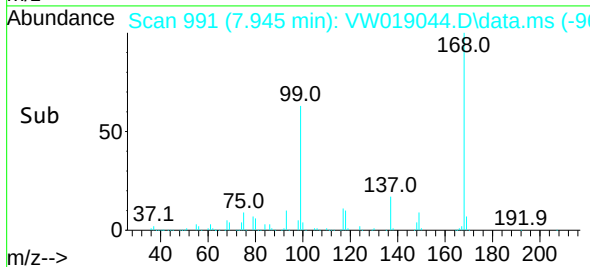
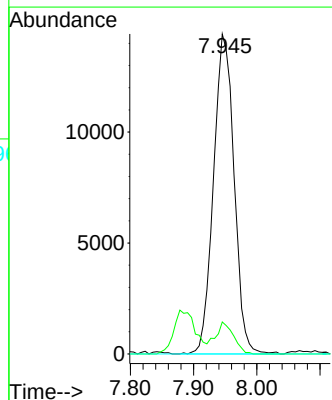
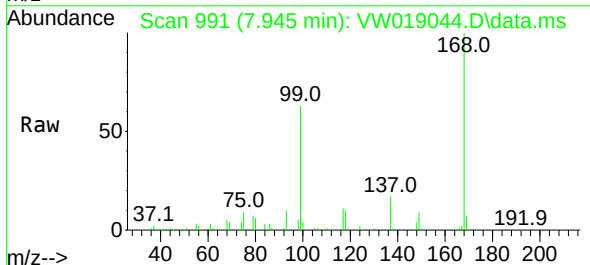


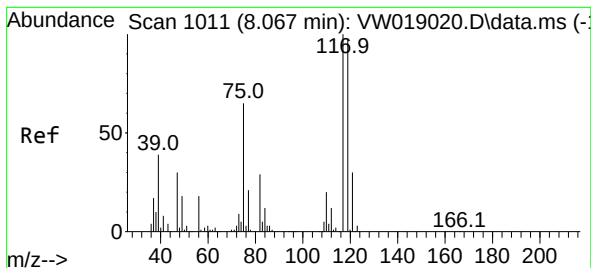
Tgt Ion:113 Resp: 204366
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.3 123.5
 192 19.6 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.93 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.140 min
 Lab File: VW019044.D
 Acq: 20 May 2021 16:29

Tgt Ion: 75 Resp: 32555
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.81 ug/l

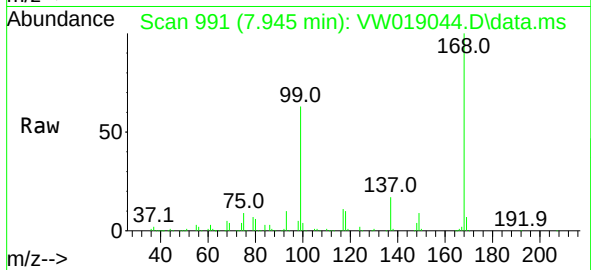
RT: 7.945 min Scan# 991

Delta R.T. -0.122 min

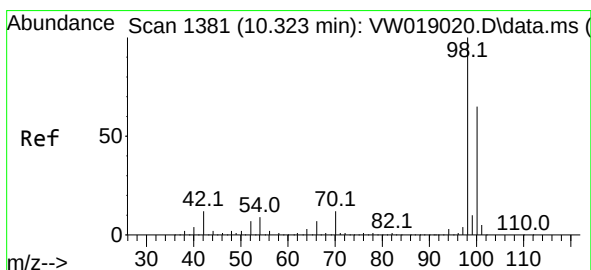
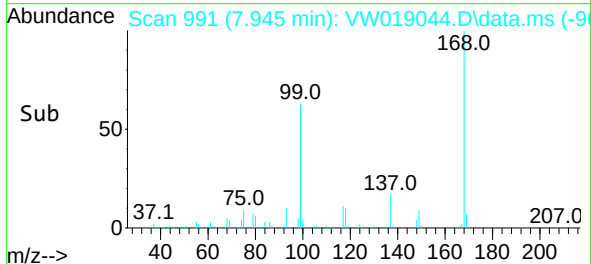
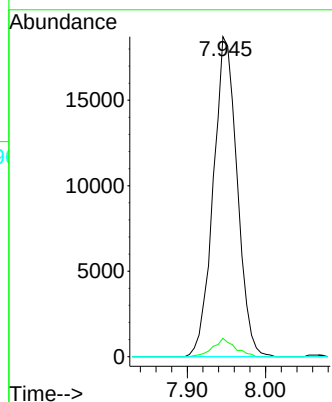
Lab File: VW019044.D

Acq: 20 May 2021 16:29

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	117	Resp:	39655
Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	23.6	35.4#



#50

Toluene-d8

Concen: 49.99 ug/l

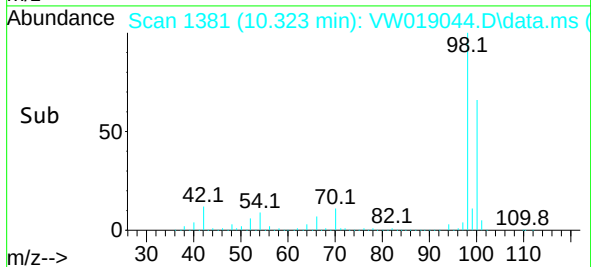
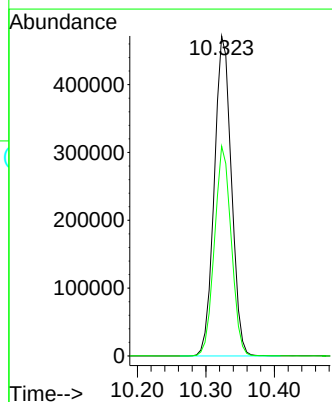
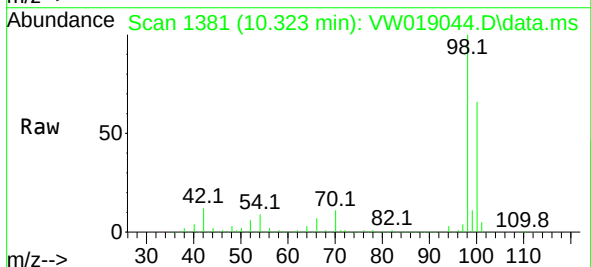
RT: 10.323 min Scan# 1381

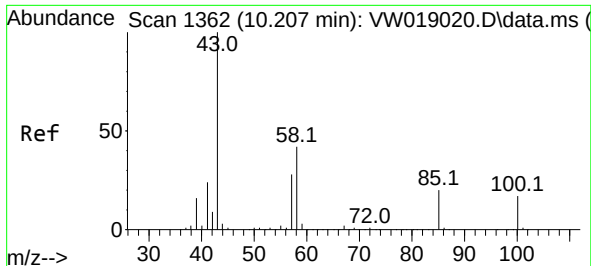
Delta R.T. 0.000 min

Lab File: VW019044.D

Acq: 20 May 2021 16:29

Tgt Ion:	98	Resp:	816917
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

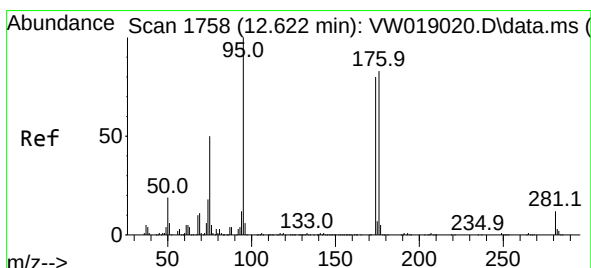
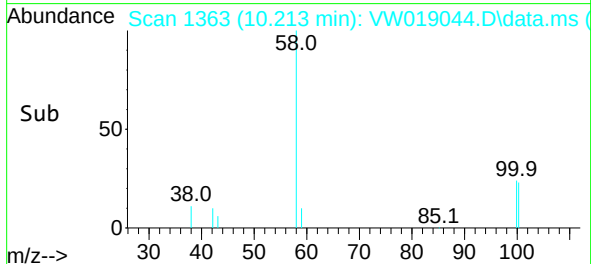
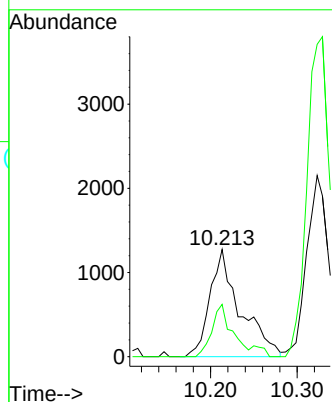
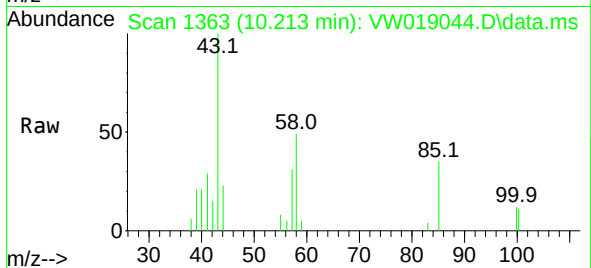




#51
4-Methyl-2-Pentanone
Concen: 1.26 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

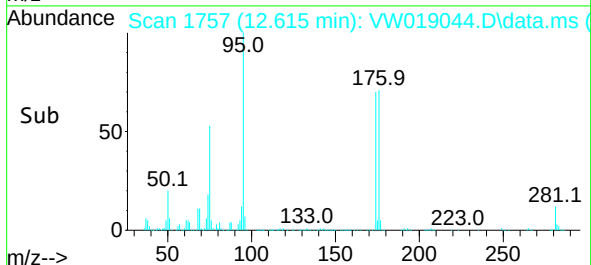
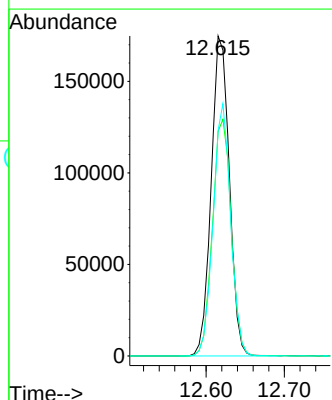
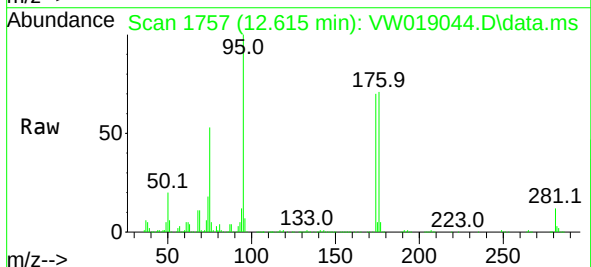
Instrument :
MSVOA_W
ClientSampled :

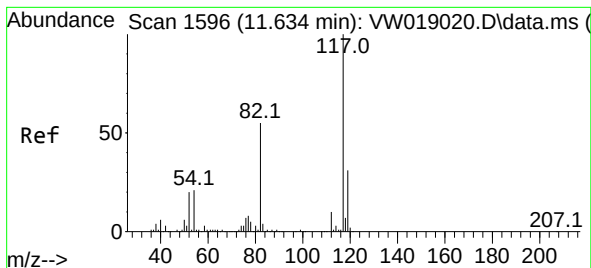
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 32.0 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 47.06 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion: 95 Resp: 280444
Ion Ratio Lower Upper
95 100
174 76.4 0.0 156.2
176 76.5 0.0 160.8

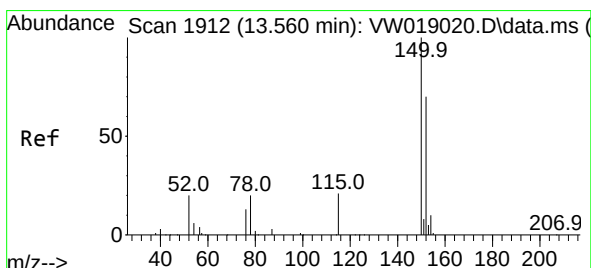
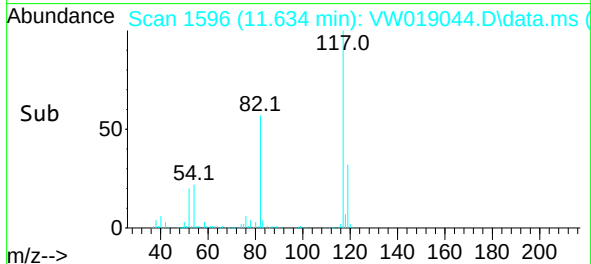
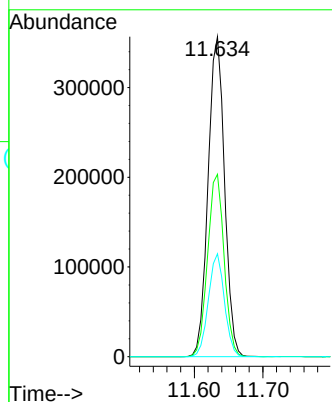
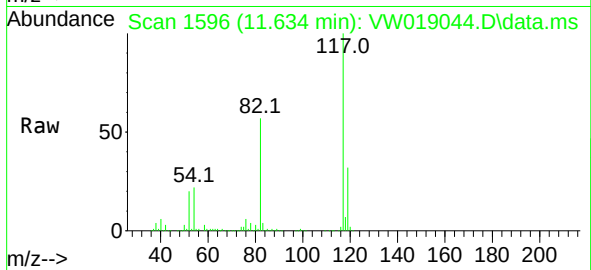




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

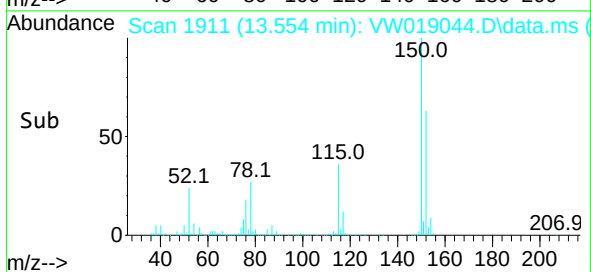
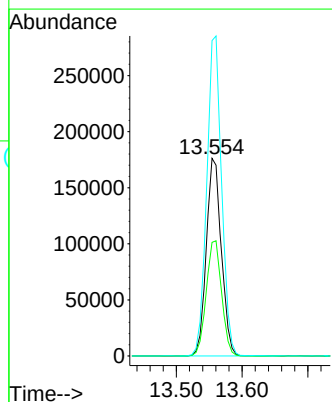
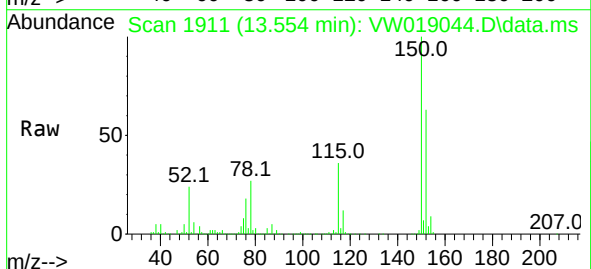
Instrument :
MSVOA_W
ClientSampleId :

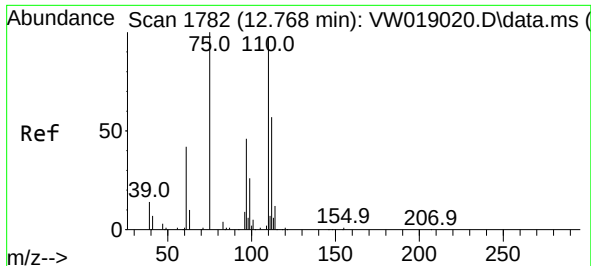
Tgt Ion:117 Resp: 596073
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 32.2 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion:152 Resp: 279802
Ion Ratio Lower Upper
152 100
115 59.7 30.3 90.8
150 160.2 0.0 356.0

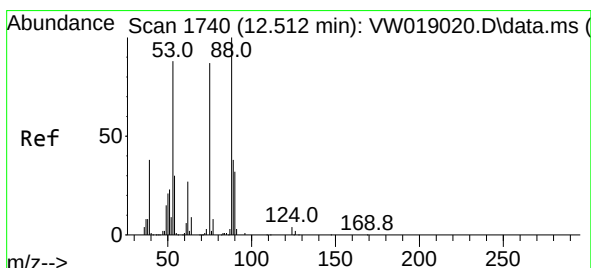
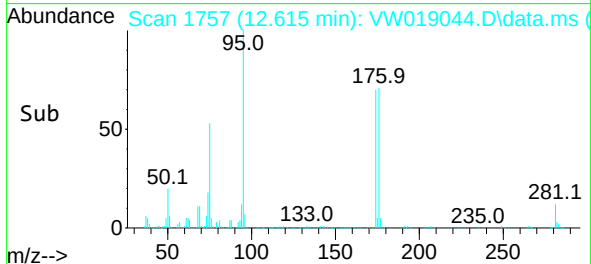
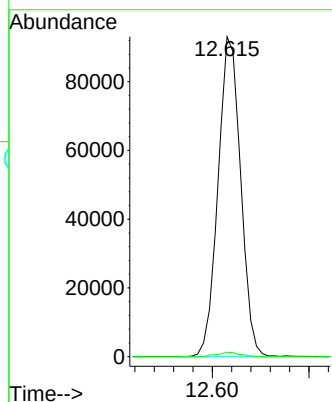
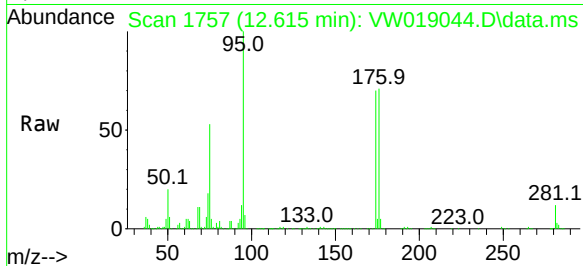




#76
1,2,3-Trichloropropane
Concen: 57.04 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 150705
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.03 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019044.D
Acq: 20 May 2021 16:29

Tgt Ion: 75 Resp: 150705
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.2 36.3 54.5#

