

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019275.D
 Acq On : 22 Jun 2021 17:46
 Operator : SY/VA
 Sample : M2778-08
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:43:29 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)

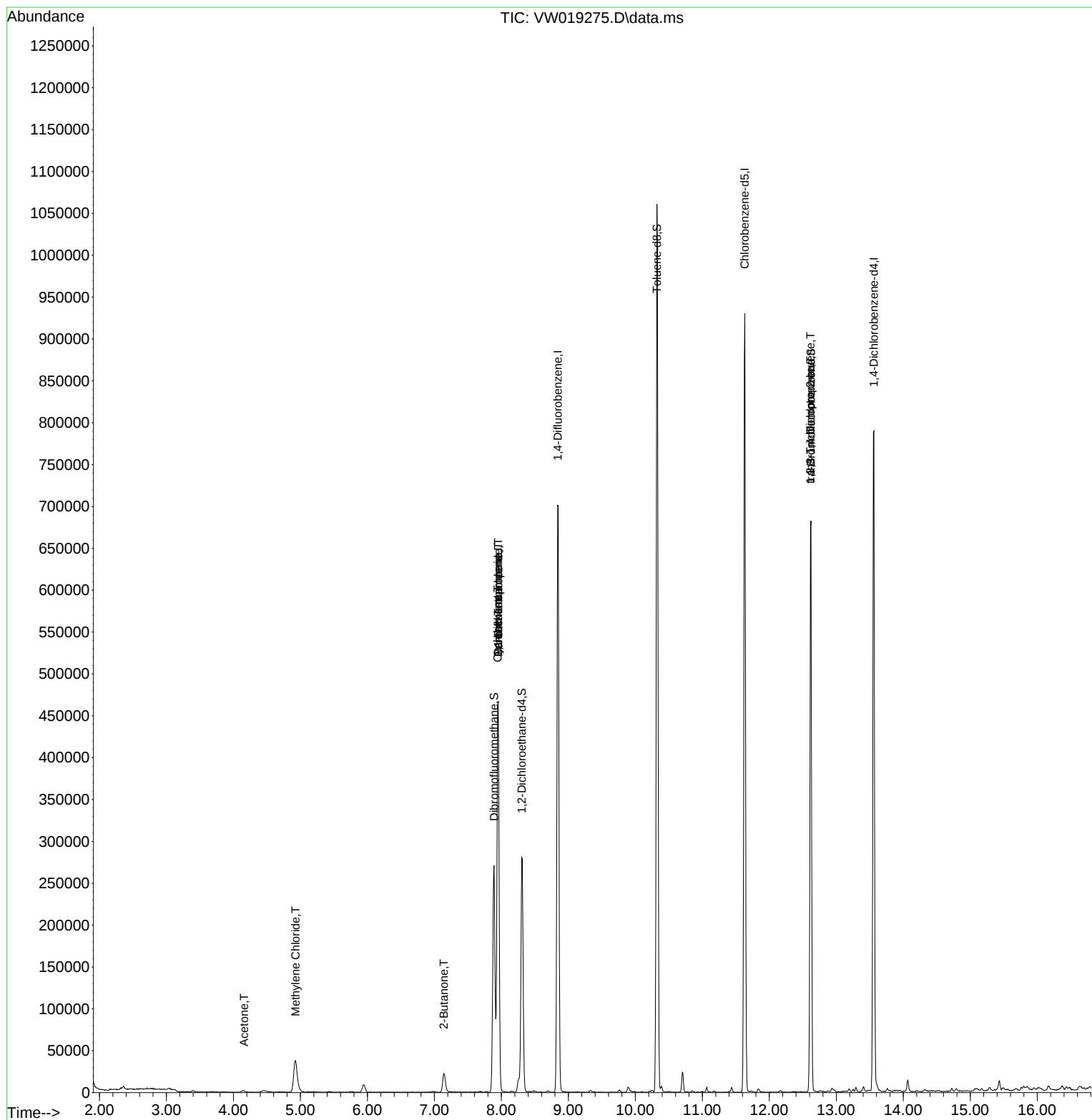
Internal Standards						
1) Pentafluorobenzene	7.951	168	340749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	595179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	496626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	201714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	231911	56.105	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.220%	
35) Dibromofluoromethane	7.890	113	190433	50.234	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.460%	
50) Toluene-d8	10.323	98	708028	46.655	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.320%	
62) 4-Bromofluorobenzene	12.621	95	227762	42.912	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.190	59	700	Below Cal	#	71
16) Acetone	4.159	43	4414	6.653	ug/l #	86
20) Methylene Chloride	4.928	84	35281	1.615	ug/l	96
25) 2-Butanone	7.141	43	1551	1.585	ug/l #	45
31) Cyclohexane	7.945	56	9031	1.285	ug/l #	21
36) 1,1-Dichloropropene	7.951	75	30404	4.827	ug/l #	50
38) Carbon Tetrachloride	7.951	117	34627	6.288	ug/l #	15
76) 1,2,3-Trichloropropane	12.615	75	121274	61.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	121274	148.879	ug/l #	9

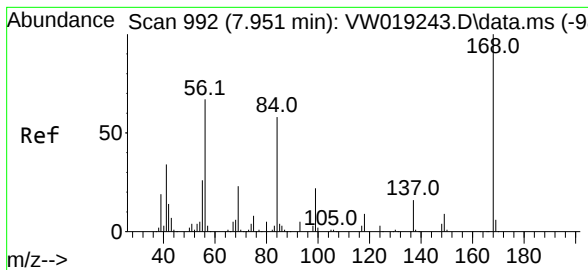
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

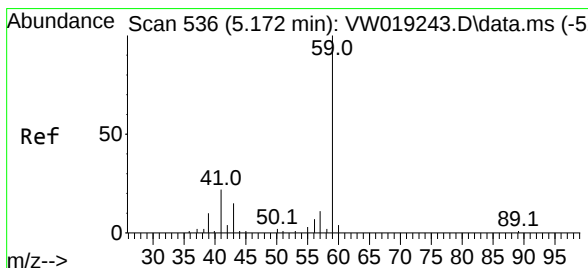
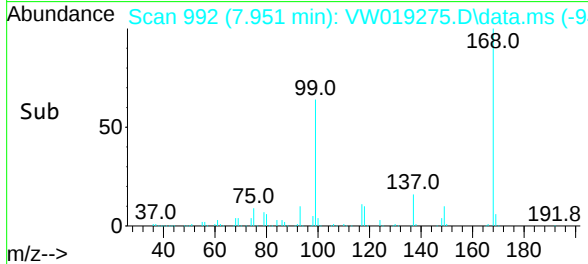
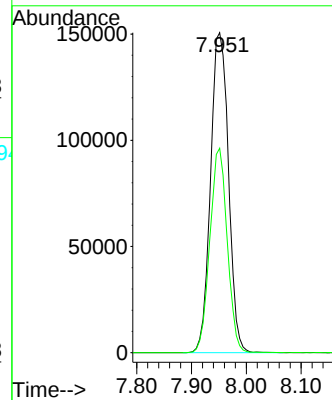
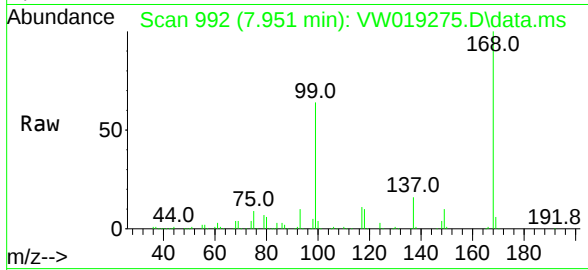




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

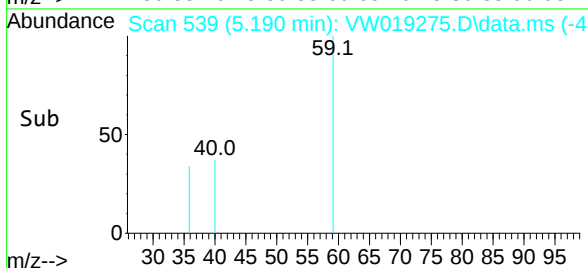
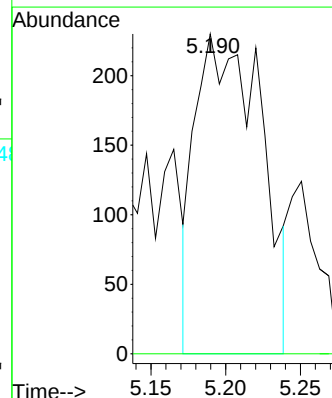
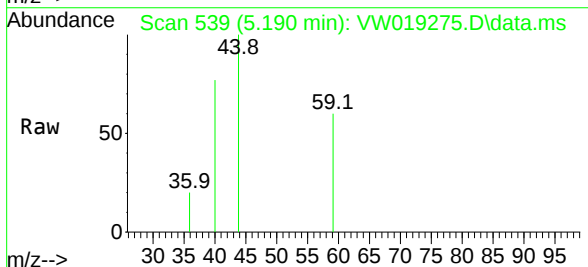
Instrument :
MSVOA_W
ClientSampleId :

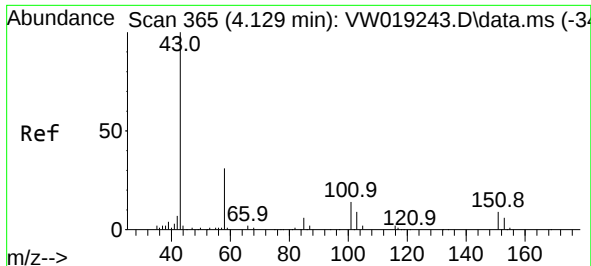
Tgt Ion:168 Resp: 340749
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.018 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

Tgt Ion: 59 Resp: 700
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

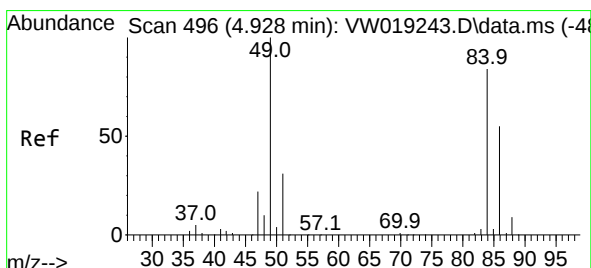
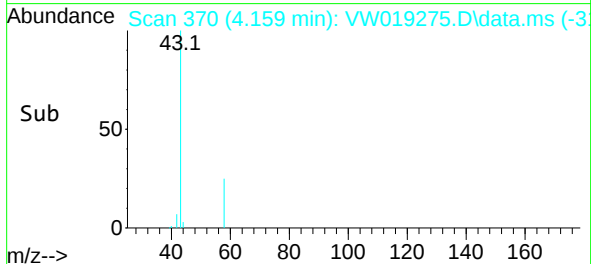
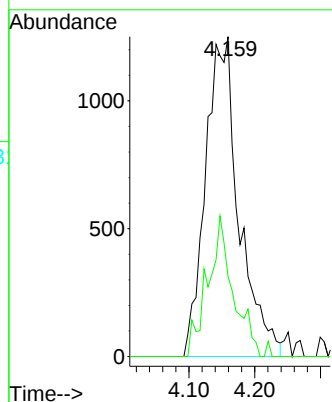
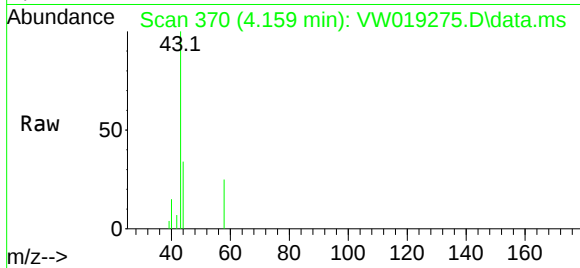




#16
Acetone
Concen: 6.653 ug/l
RT: 4.159 min Scan# 370
Delta R.T. 0.030 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

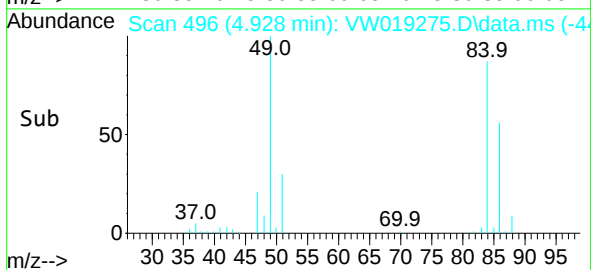
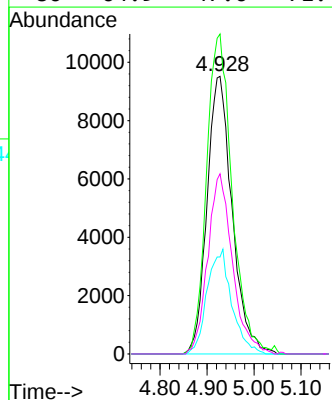
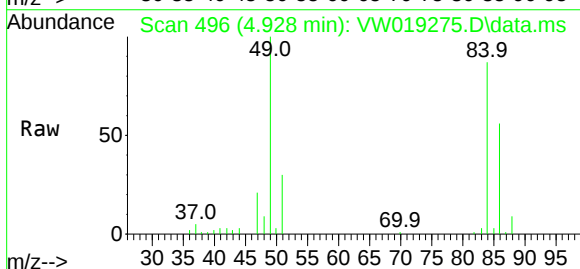
Instrument :
MSVOA_W
ClientSampled :

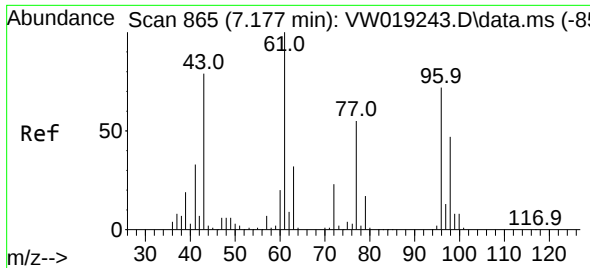
Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
58 25.0 26.4 39.6#



#20
Methylene Chloride
Concen: 1.615 ug/l
RT: 4.928 min Scan# 496
Delta R.T. -0.000 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

Tgt Ion: 84 Resp: 35281
Ion Ratio Lower Upper
84 100
49 115.3 90.4 135.6
51 34.9 27.1 40.7
86 64.9 47.6 71.4

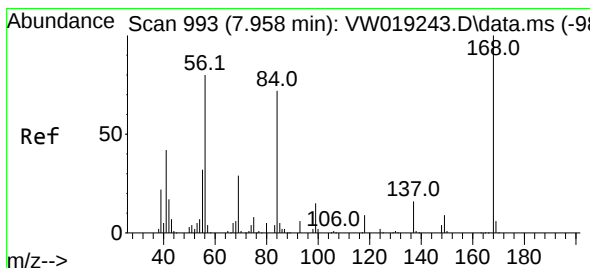
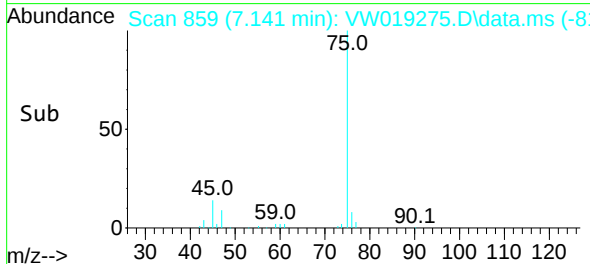
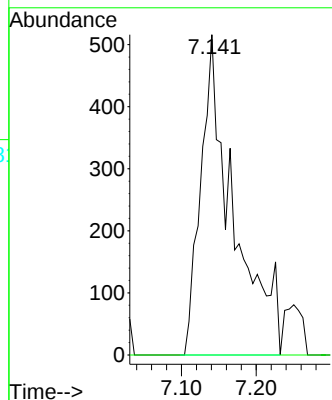
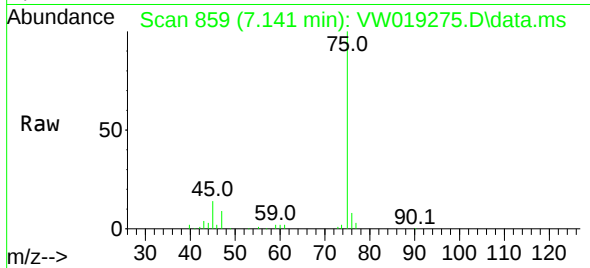




#25
2-Butanone
Concen: 1.585 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

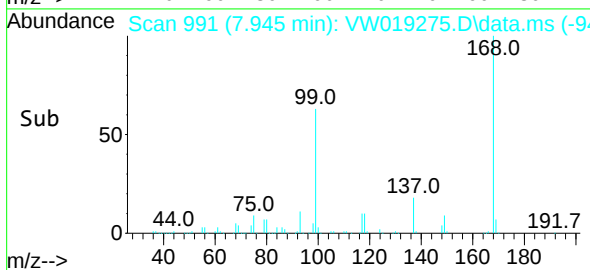
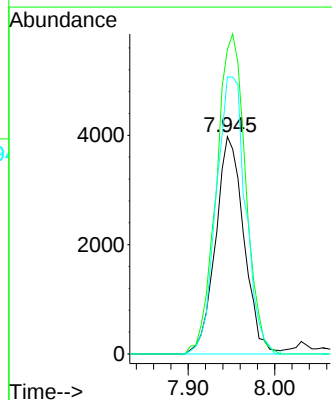
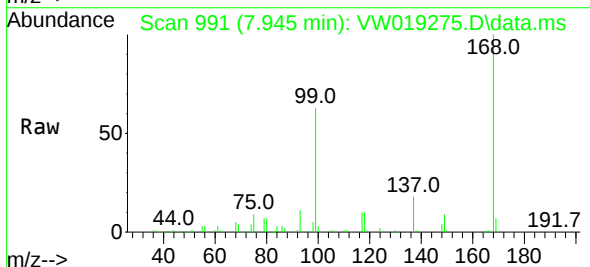
Instrument :
MSVOA_W
ClientSampled :

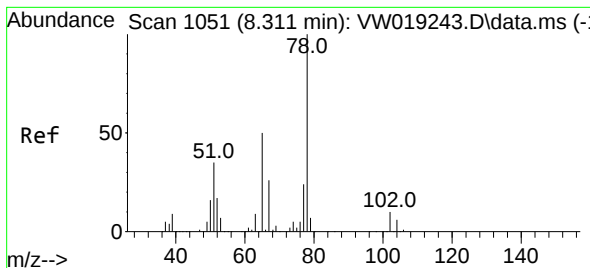
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

Tgt Ion: 56 Resp: 9031
Ion Ratio Lower Upper
56 100
69 140.1 28.4 42.6#
84 127.5 72.3 108.5#

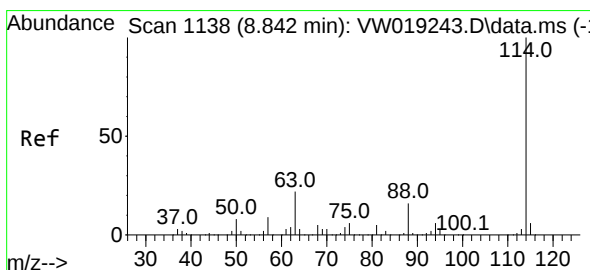
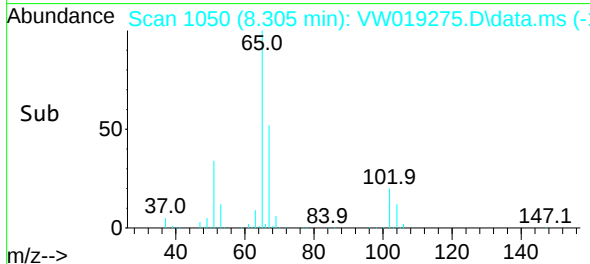
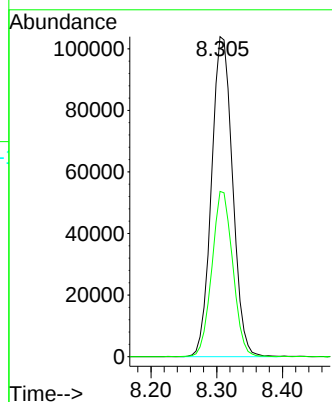
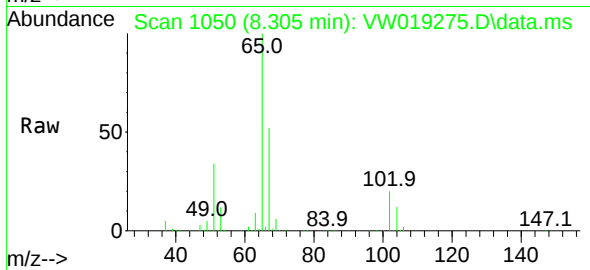




#33
1,2-Dichloroethane-d4
Concen: 56.105 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

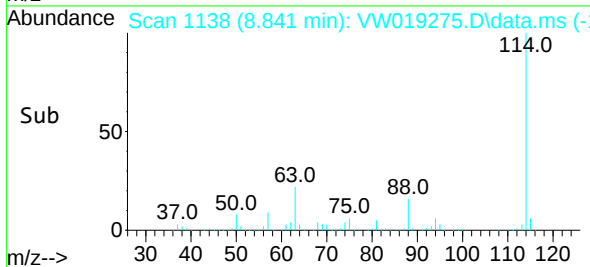
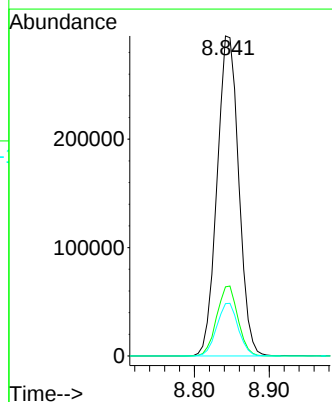
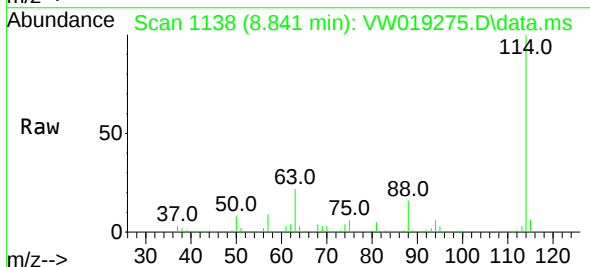
Instrument :
MSVOA_W
ClientSampleId :

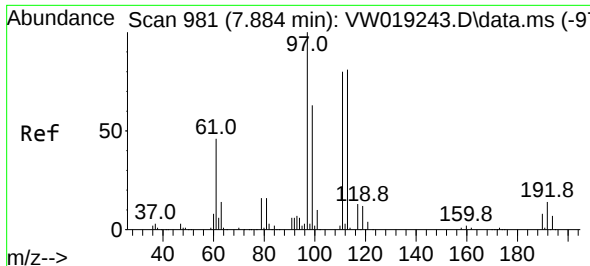
Tgt Ion: 65 Resp: 231911
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

Tgt Ion: 114 Resp: 595179
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 16.4 0.0 33.2

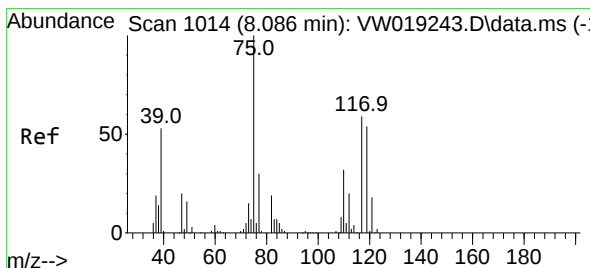
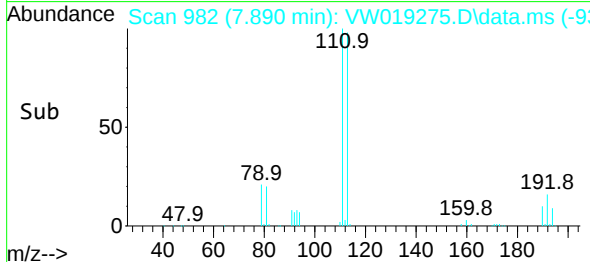
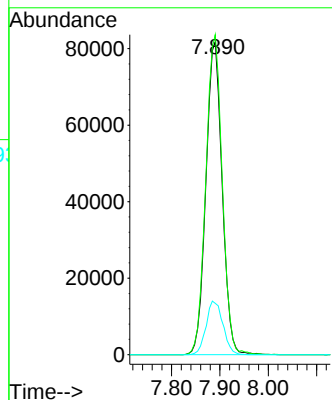
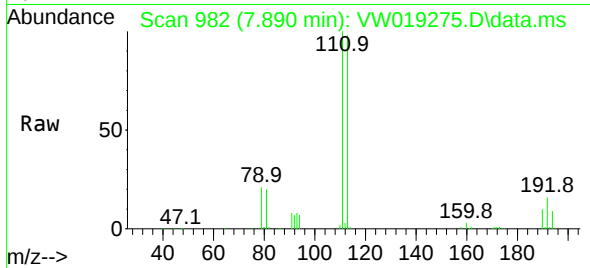




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

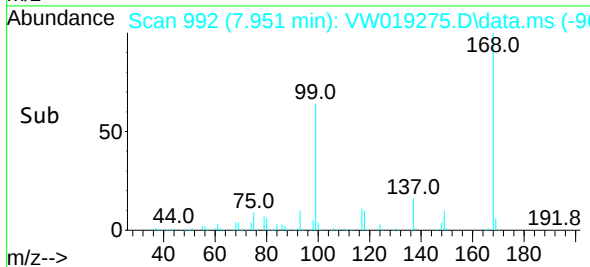
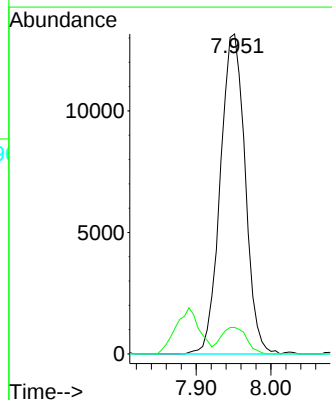
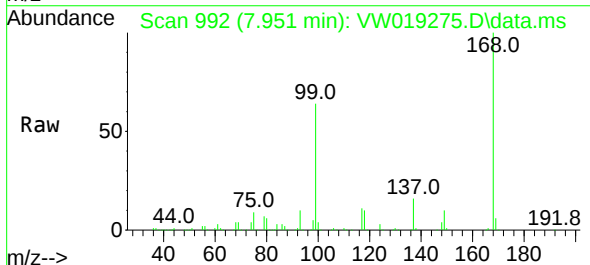
Instrument :
MSVOA_W
ClientSampleId :

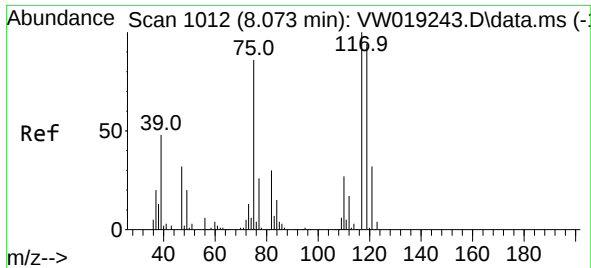
Tgt Ion:113 Resp: 190433
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 17.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

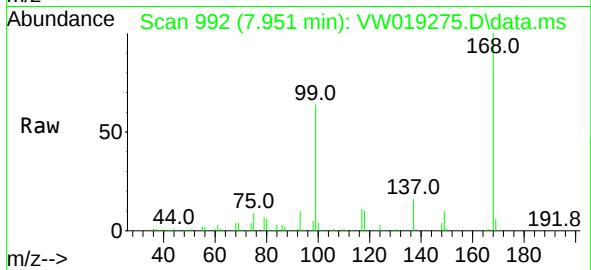
Tgt Ion: 75 Resp: 30404
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 25.3 37.9#



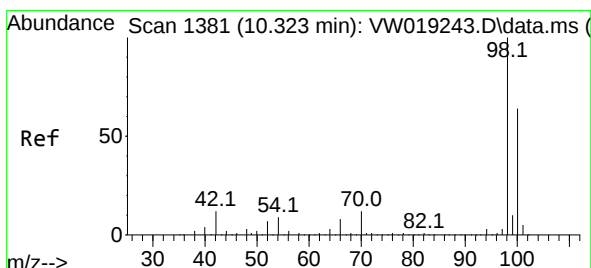
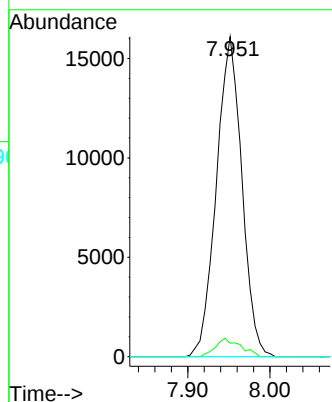
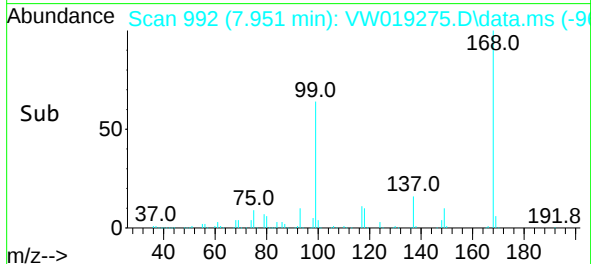


#38
Carbon Tetrachloride
Concen: 6.288 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

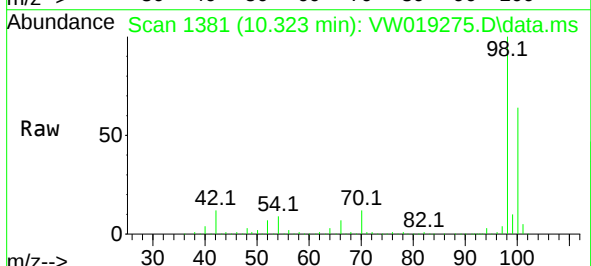
Instrument :
MSVOA_W
ClientSampled :



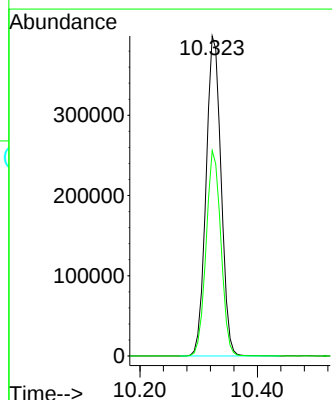
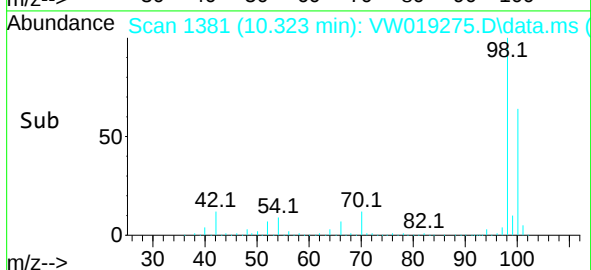
Tgt Ion:117 Resp: 34627
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 23.6 35.4#

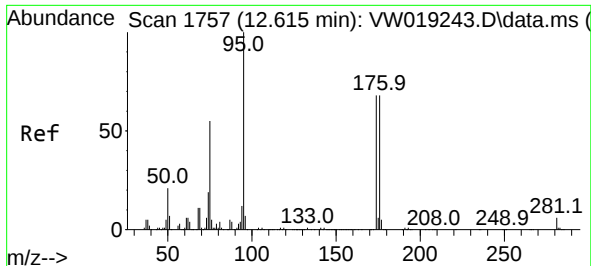


#50
Toluene-d8
Concen: 46.655 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46



Tgt Ion: 98 Resp: 708028
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

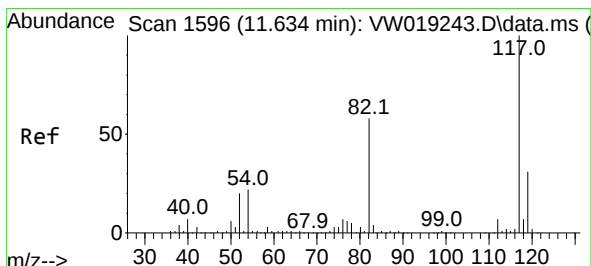
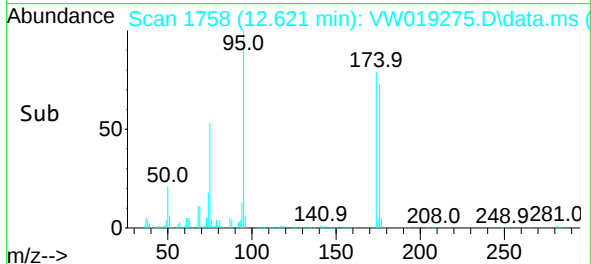
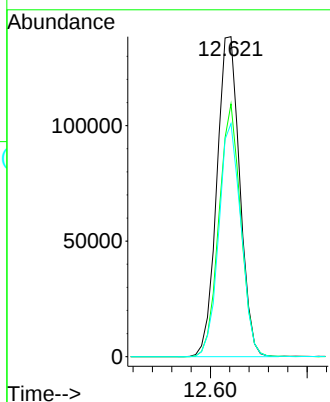
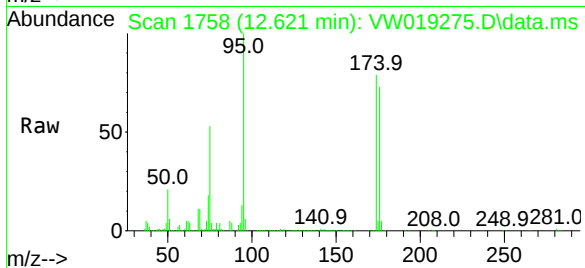




#62
4-Bromofluorobenzene
Concen: 42.912 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

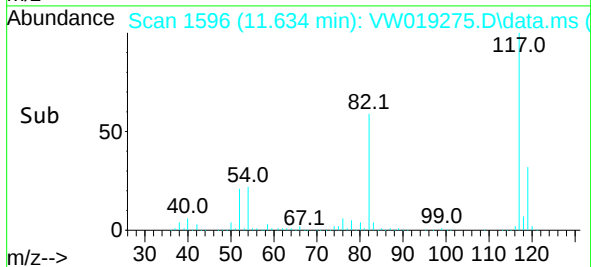
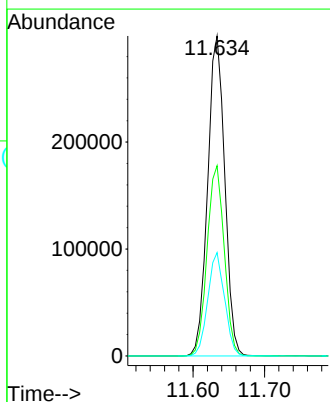
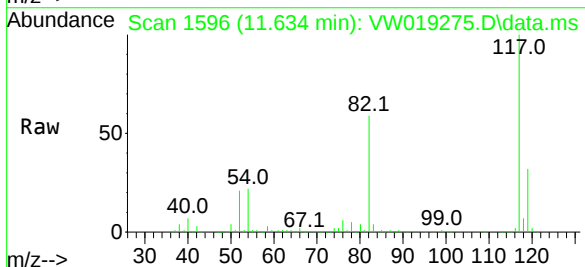
Instrument :
MSVOA_W
ClientSampled :

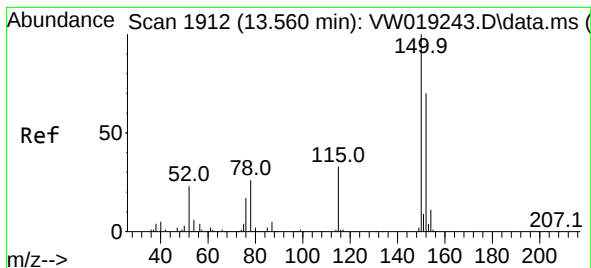
Tgt Ion: 95 Resp: 227762
Ion Ratio Lower Upper
95 100
174 74.8 0.0 156.2
176 70.6 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

Tgt Ion: 117 Resp: 496626
Ion Ratio Lower Upper
117 100
82 59.5 44.4 66.6
119 32.3 24.6 36.8

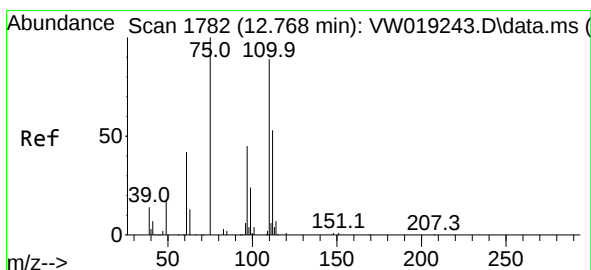
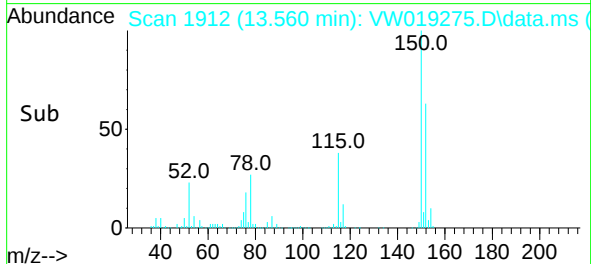
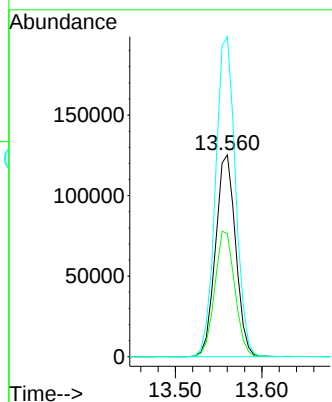
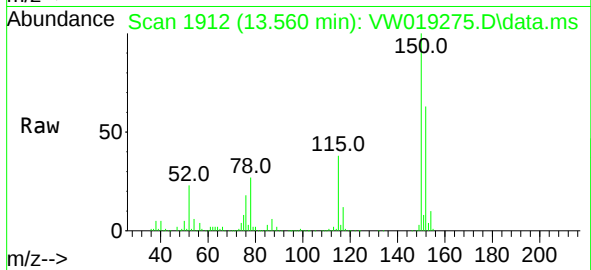




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

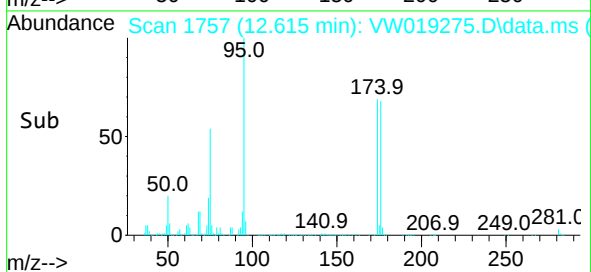
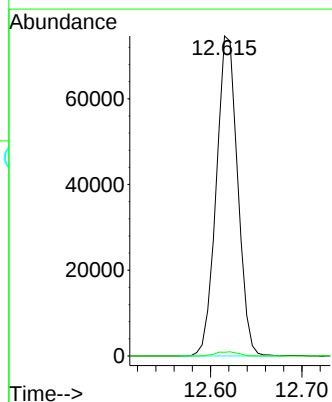
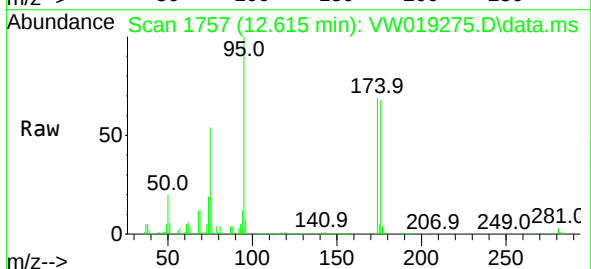
Instrument :
MSVOA_W
ClientSampleId :

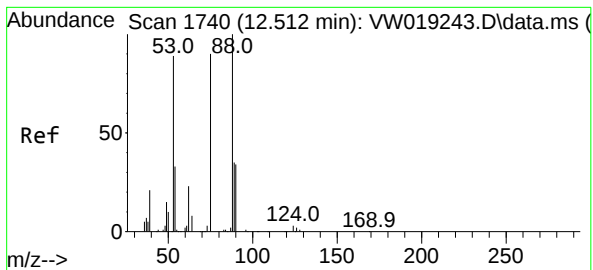
Tgt Ion:152 Resp: 201714
Ion Ratio Lower Upper
152 100
115 62.2 30.3 90.8
150 157.9 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 61.370 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019275.D
Acq: 22 Jun 2021 17:46

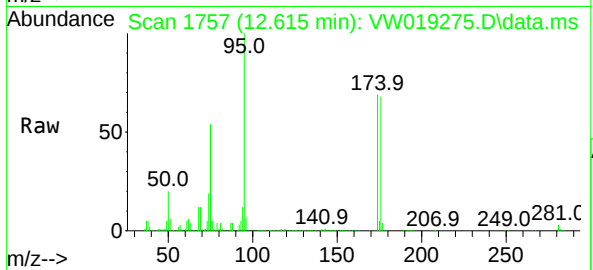
Tgt Ion: 75 Resp: 121274
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.879 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019275.D
 Acq: 22 Jun 2021 17:46

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	121274
Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.5	122.3#
89	0.0	36.3	54.5#

