

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014506.D
 Acq On : 03 Jan 2020 18:38
 Operator : SY/VA
 Sample : L1011-01
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 06 00:45:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

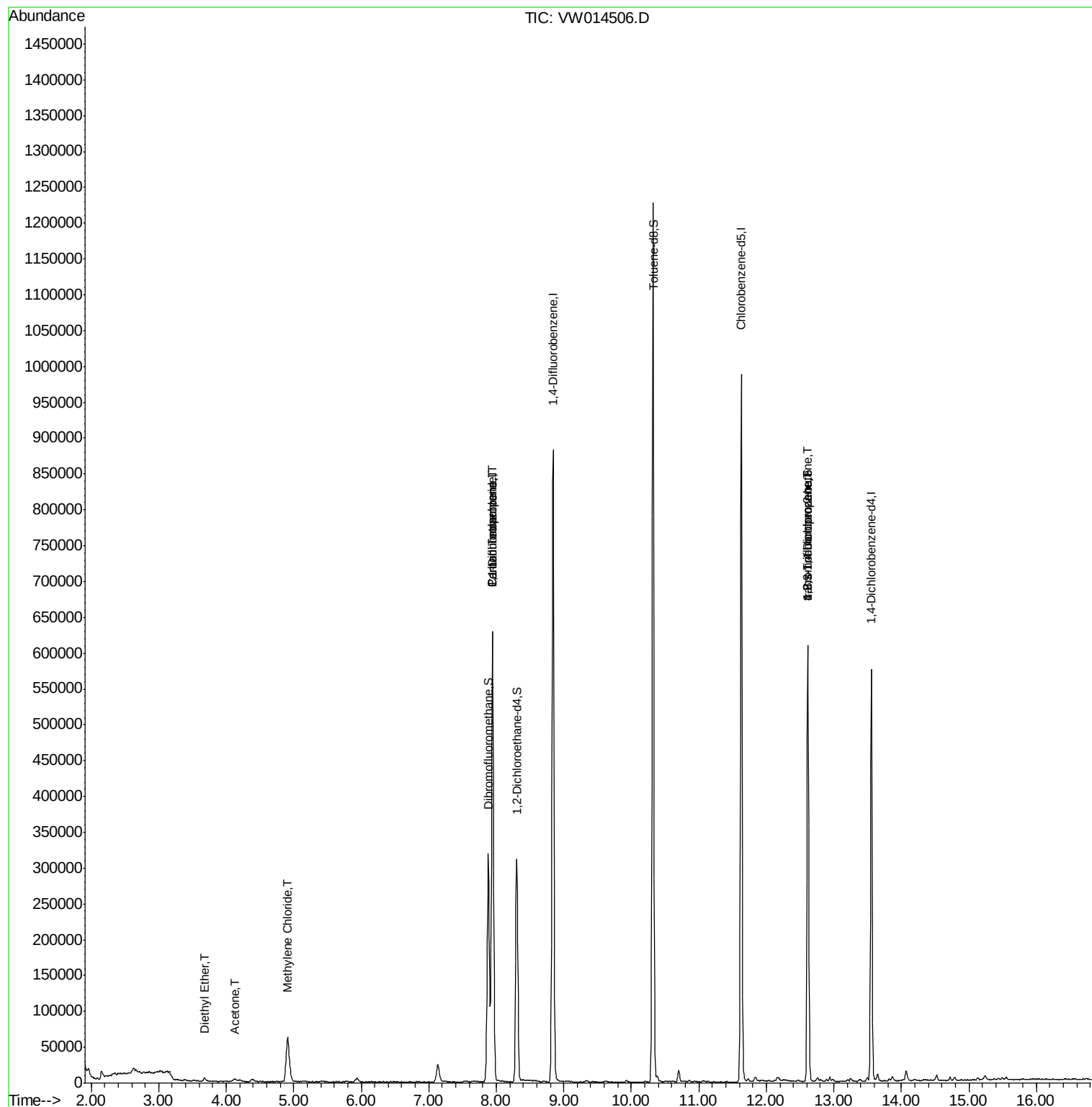
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	500044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	769232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	577706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	246279	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	7.88	113	232026	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.32	98	834754	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
62) 4-Bromofluorobenzene	12.62	95	198933	31.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.94%	
Target Compounds						
8) Diethyl Ether	3.68	74	2637	1.042	ug/l	77
11) Tert butyl alcohol	5.13	59	247	Below Cal	#	73
16) Acetone	4.13	43	8357	6.770	ug/l	96
20) Methylene Chloride	4.91	84	52614	6.617	ug/l	95
36) 1,1-Dichloropropene	7.95	75	35514	4.789	ug/l #	49
38) Carbon Tetrachloride	7.94	117	45056	7.003	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	94485	60.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94485	135.471	ug/l #	14

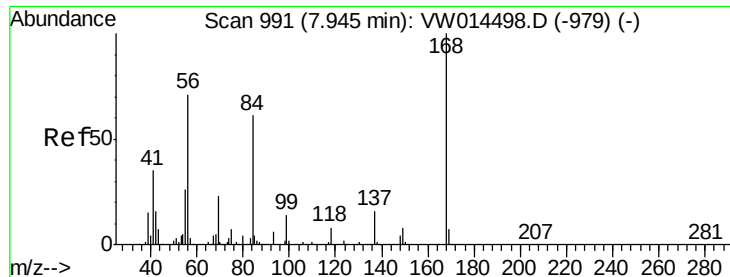
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010320\
Data File : VW014506.D
Acq On : 03 Jan 2020 18:38
Operator : SY/VA
Sample : L1011-01
Misc : 5.65G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 06 00:45:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014506.D

Acq: 03 Jan 2020 18:38

Instrument :

MSVOA_W

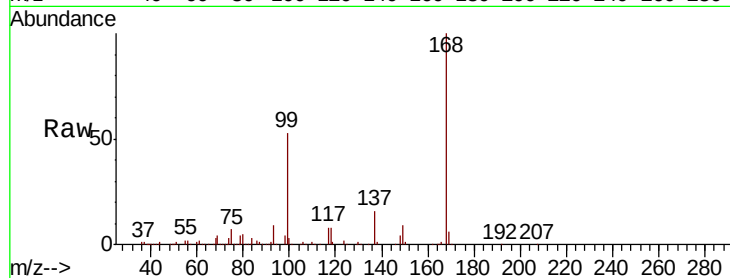
ClientSampleId :

Tot Ion:168 Resp: 500044

Ion Ratio Lower Upper

168 100

99 53.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

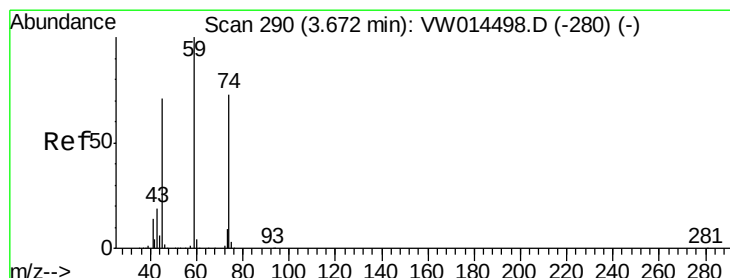
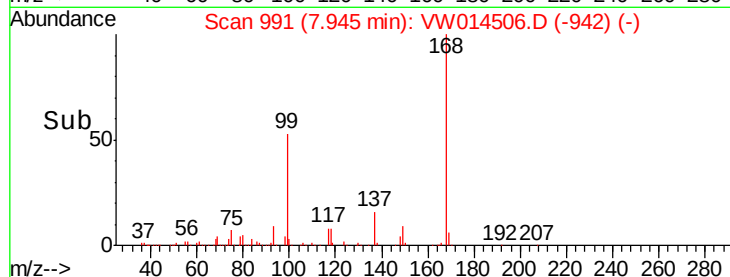
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.042 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VW014506.D

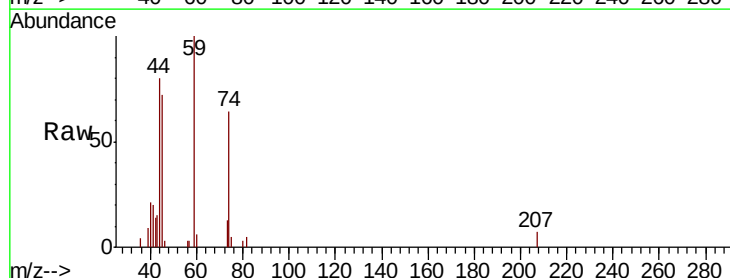
Acq: 03 Jan 2020 18:38

Tgt Ion: 74 Resp: 2637

Ion Ratio Lower Upper

74 100

45 119.7 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

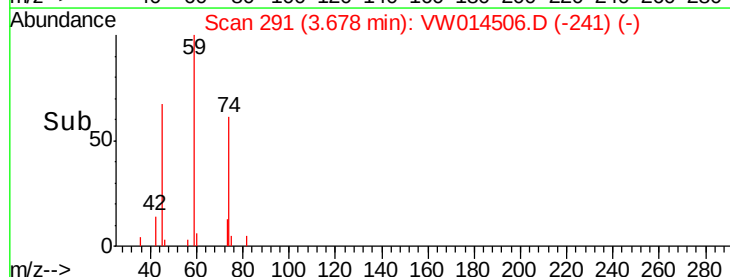
3.68

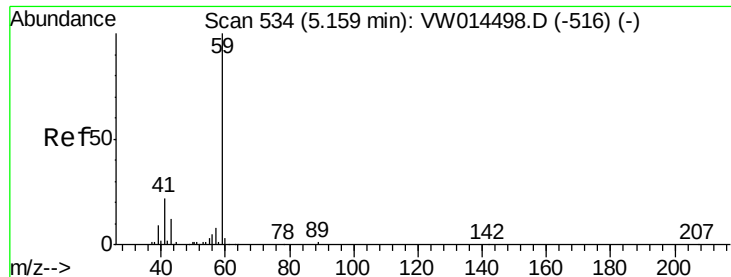
1000

500

0

Time-->



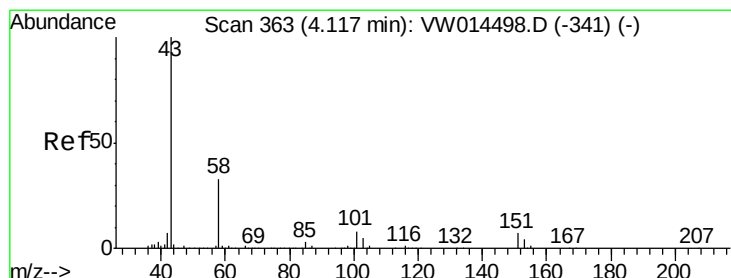
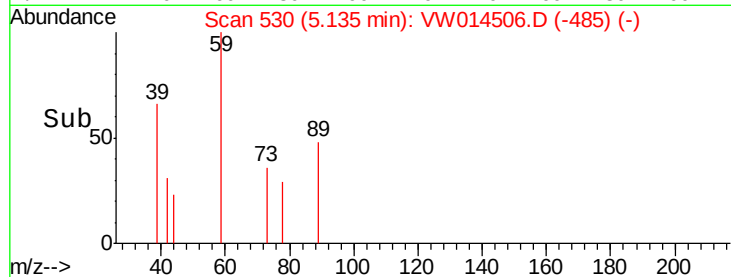
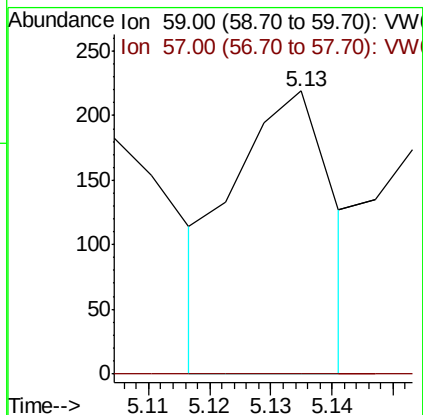
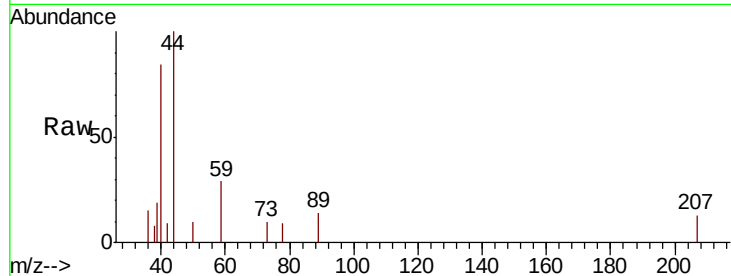


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.13 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Instrument :
 MSVOA_W
 ClientSampled :

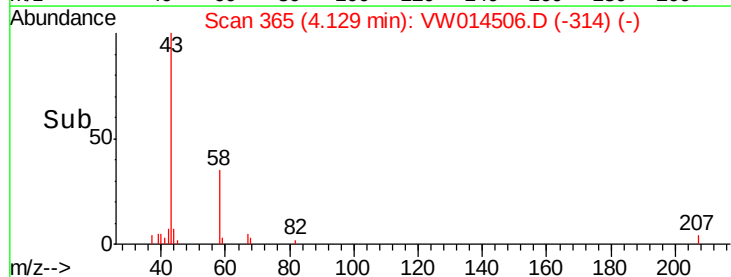
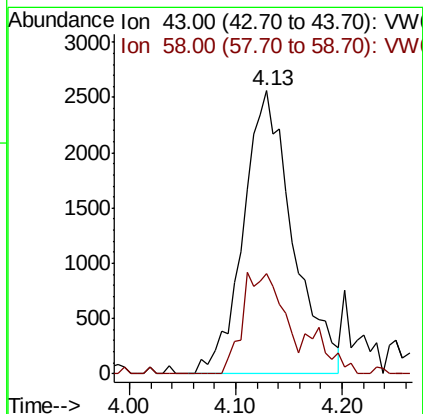
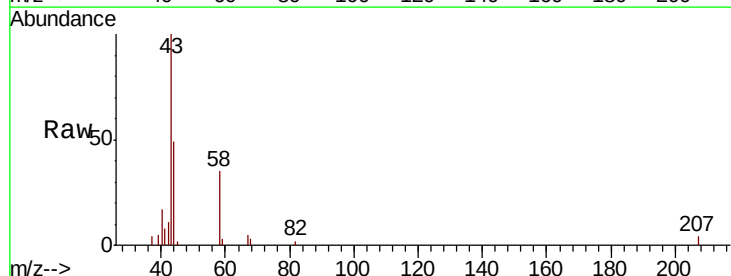
Tot Ion: 59 Resp: 247
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

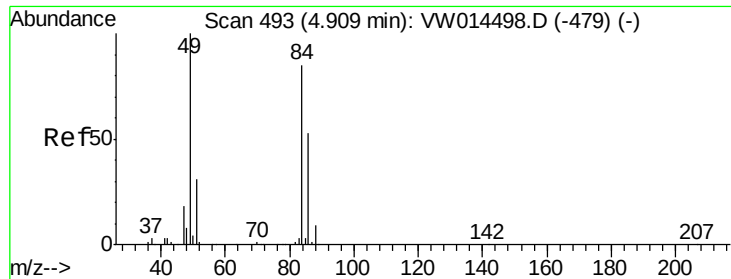


#16

Acetone
 Concen: 6.770 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Tgt Ion: 43 Resp: 8357
 Ion Ratio Lower Upper
 43 100
 58 35.2 26.6 39.8

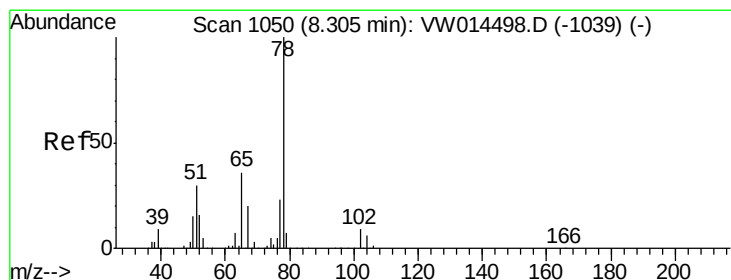
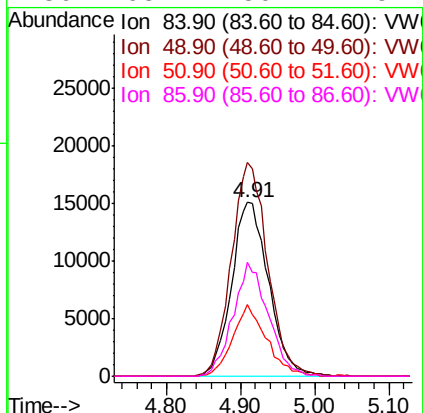
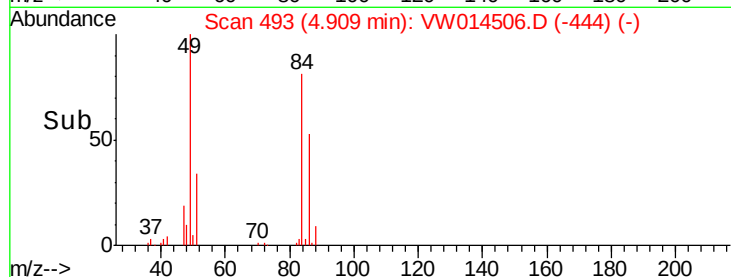
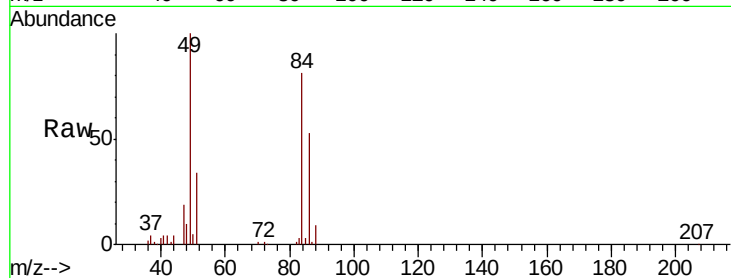




#20
Methylene Chloride
Concen: 6.617 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

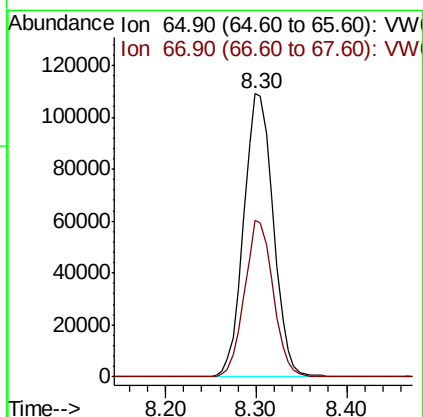
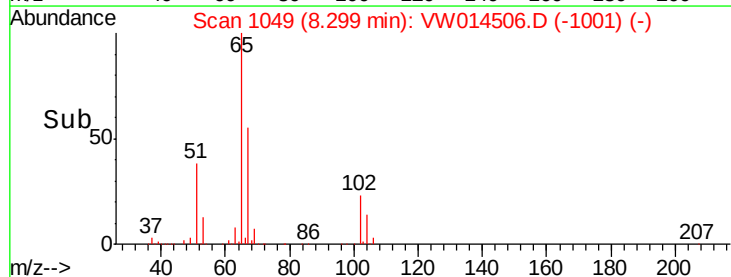
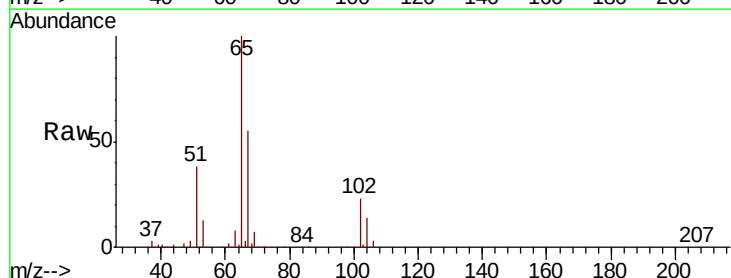
Instrument :
MSVOA_W
ClientSampled :

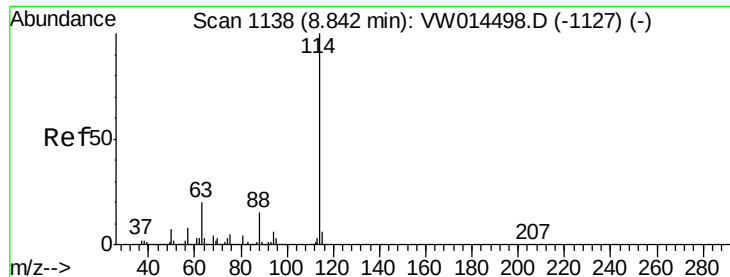
Tot Ion: 84 Resp: 52614
Ion Ratio Lower Upper
84 100
49 122.7 94.4 141.6
51 41.3 29.5 44.3
86 65.4 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 56.332 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

Tgt Ion: 65 Resp: 246279
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

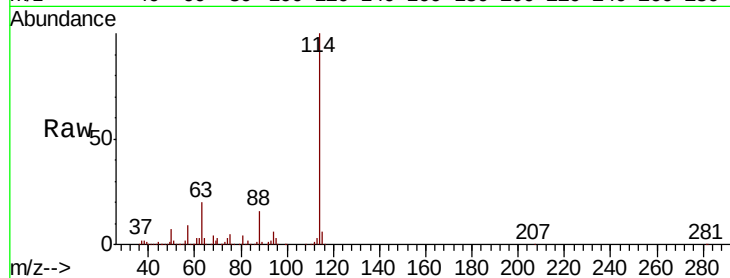




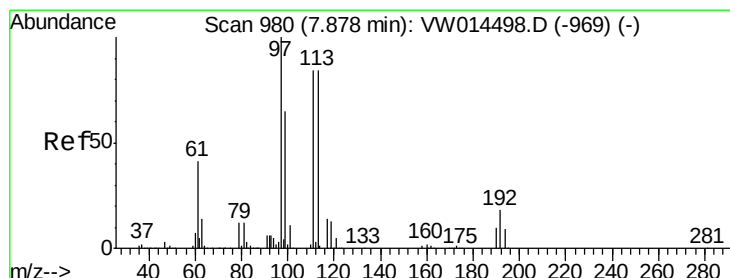
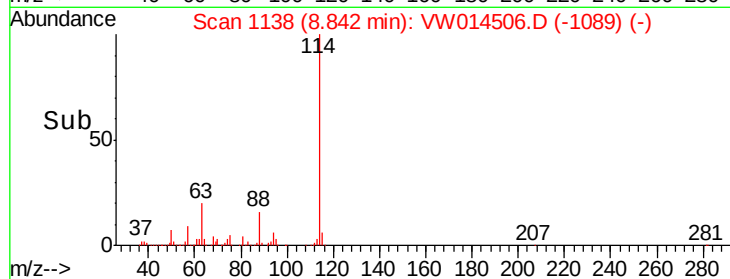
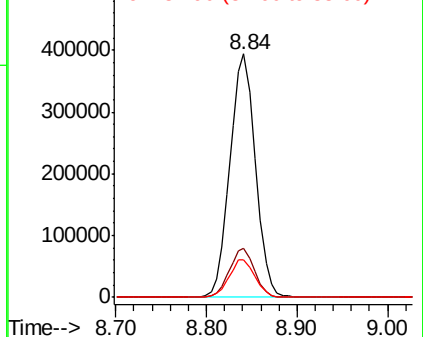
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.4
88	15.5	0.0	30.6

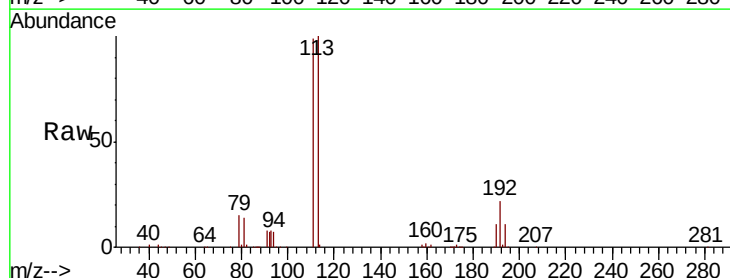


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

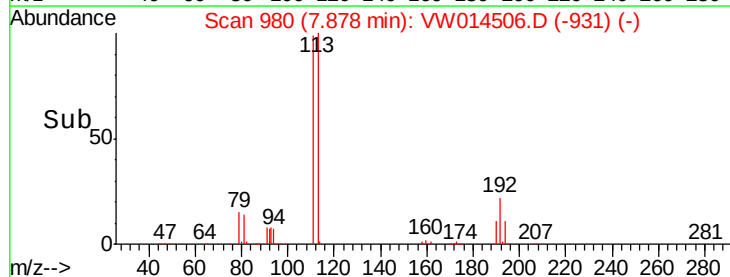
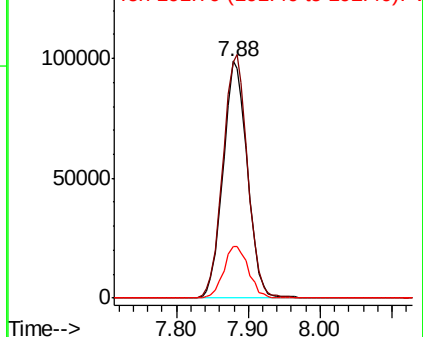


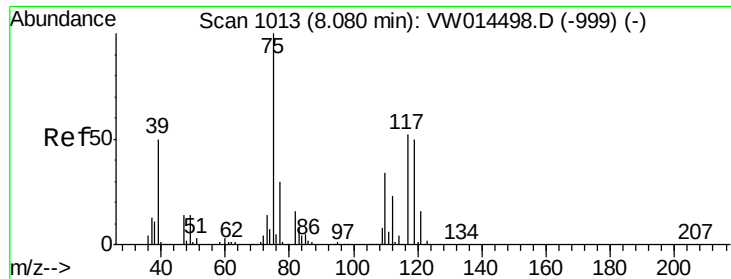
#35
 Dibromofluoromethane
 Concen: 52.778 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	22.2	17.8	26.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

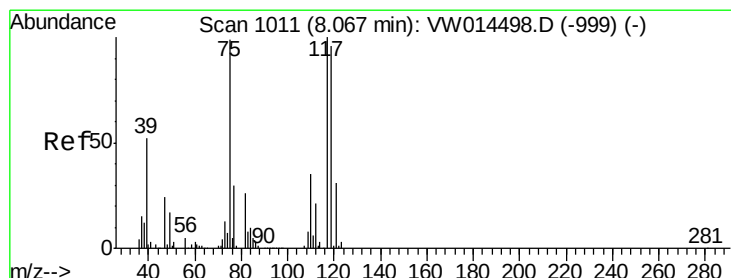
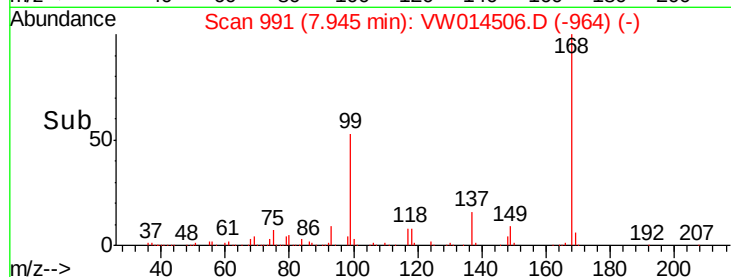
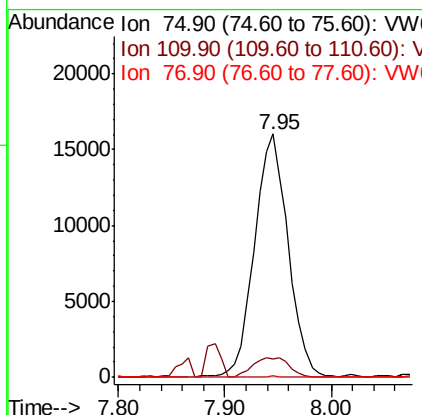
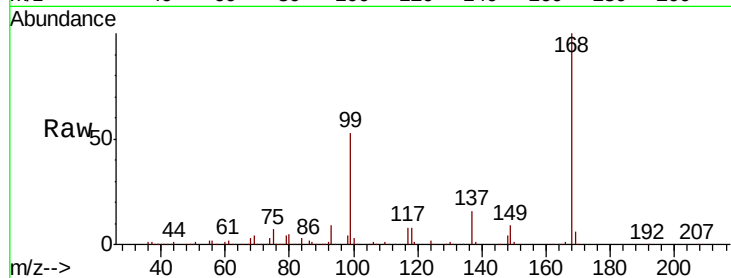




#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

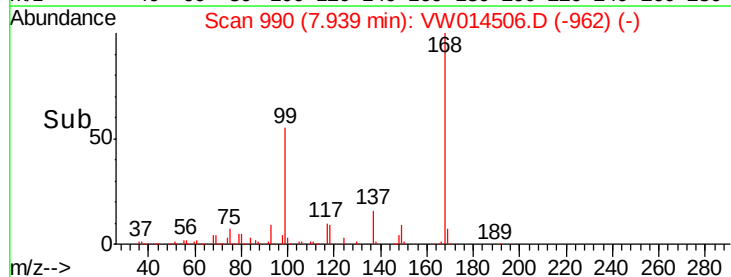
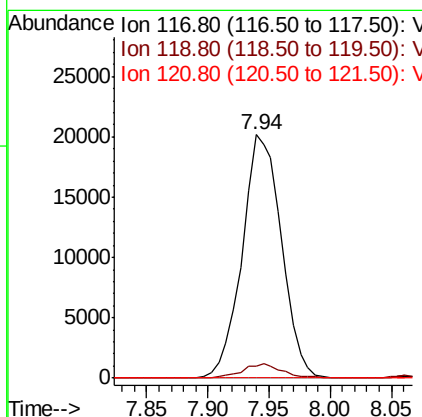
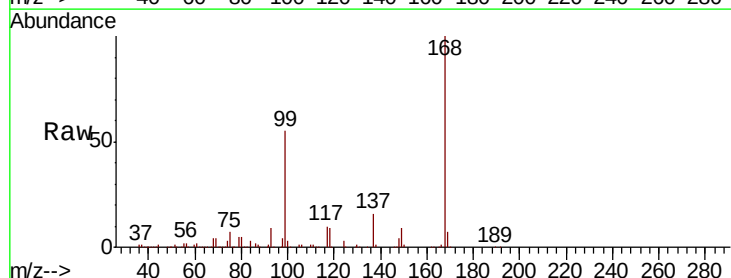
Instrument :
 MSVOA_W
 ClientSampled :

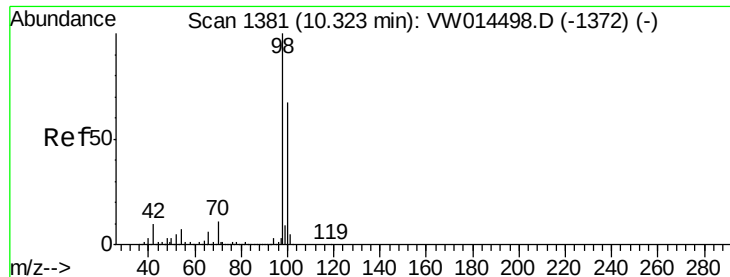
Tot Ion	75	Resp	35514
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	17.8	53.5#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.003 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Tgt Ion	117	Resp	45056
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.8	77.0	115.6#
121	0.0	24.6	36.8#

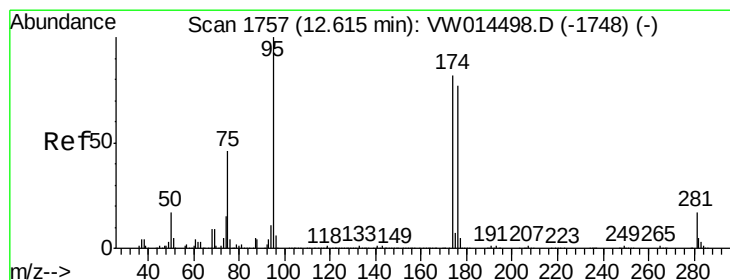
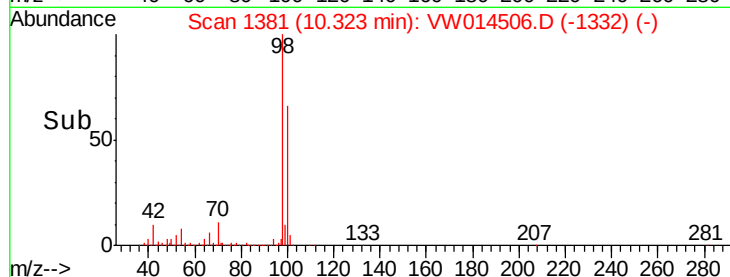
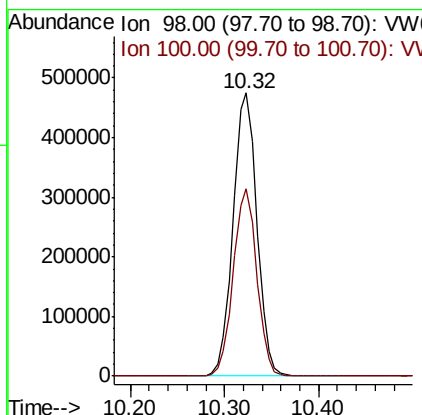
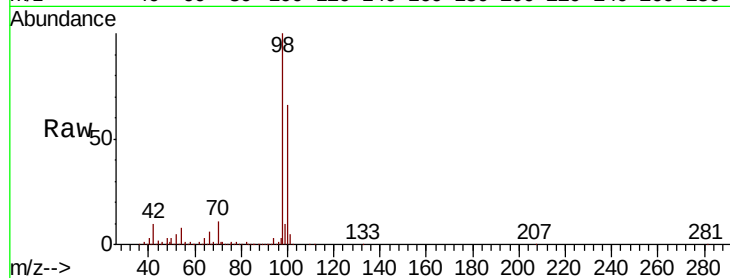




#50
Toluene-d8
Concen: 45.499 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

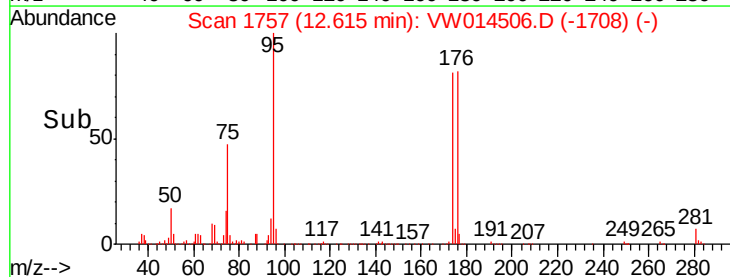
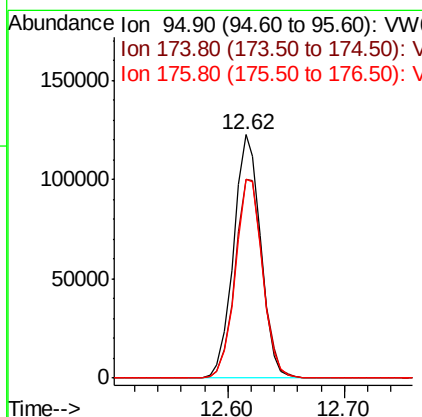
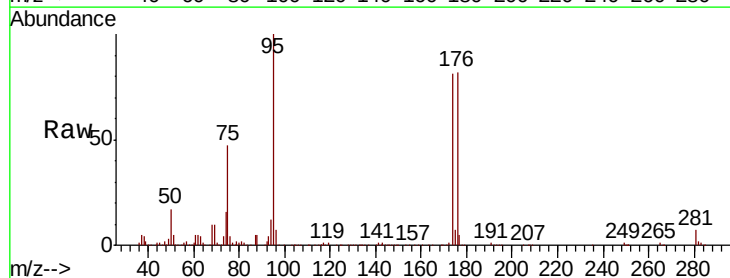
Instrument :
MSVOA_W
ClientSampleId :

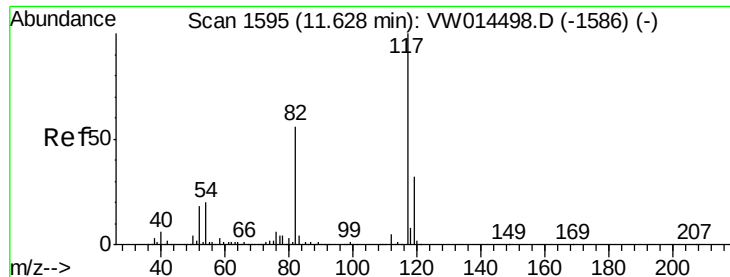
Tot Ion: 98 Resp: 834754
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 31.967 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

Tgt Ion: 95 Resp: 198933
Ion Ratio Lower Upper
95 100
174 83.9 0.0 168.6
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014506.D

Acq: 03 Jan 2020 18:38

Instrument :

MSVOA_W

ClientSampleId :

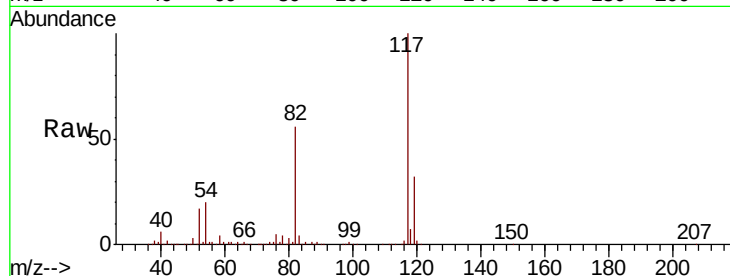
Tot Ion:117 Resp: 577706

Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

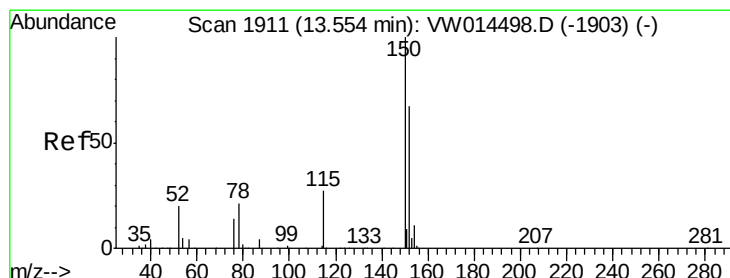
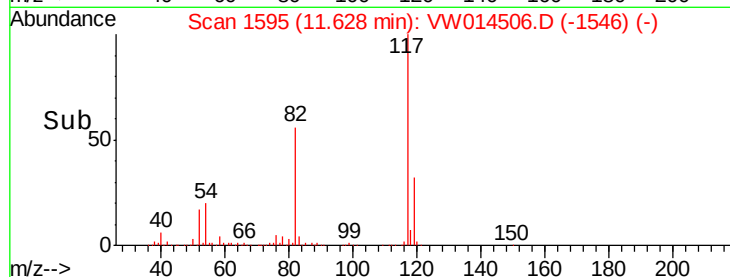
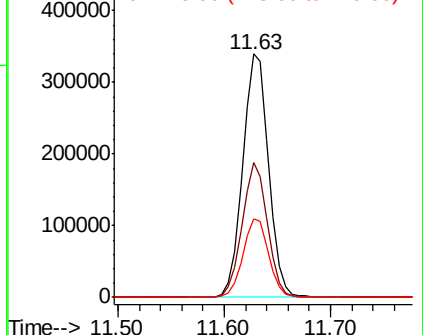
119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014506.D

Acq: 03 Jan 2020 18:38

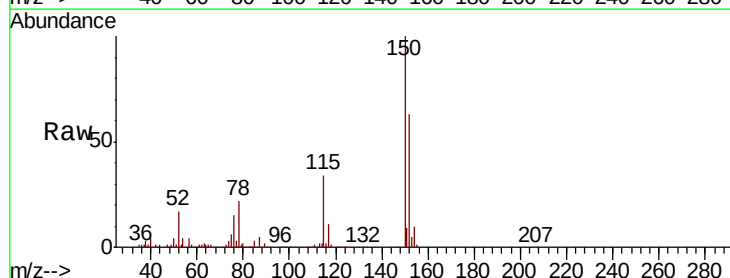
Tgt Ion:152 Resp: 164356

Ion Ratio Lower Upper

152 100

115 55.8 27.7 83.1

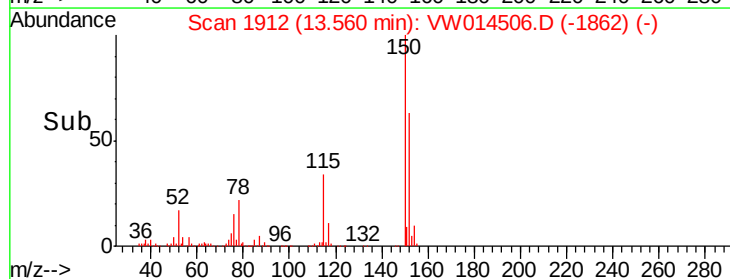
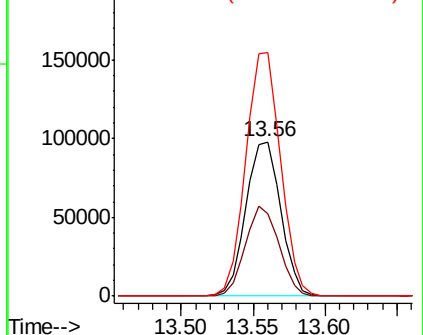
150 157.0 0.0 343.4

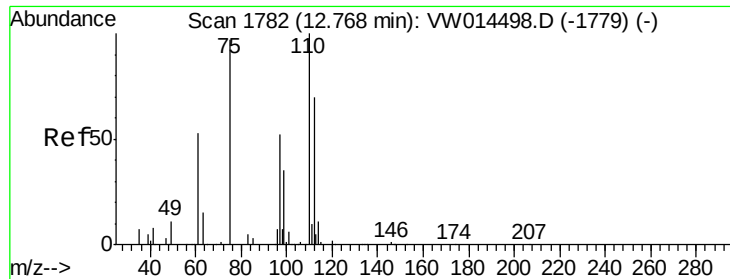


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

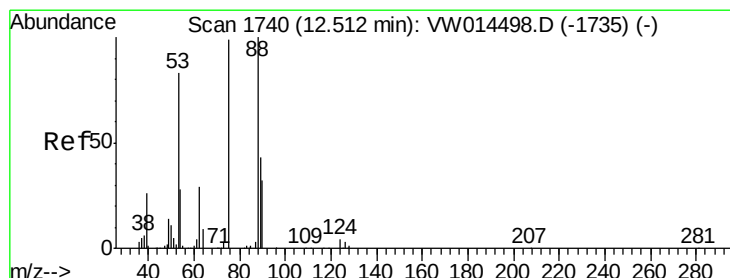
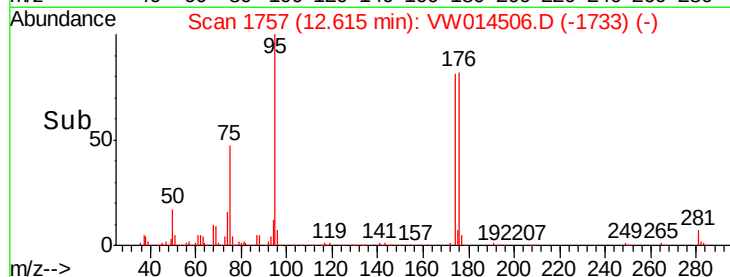
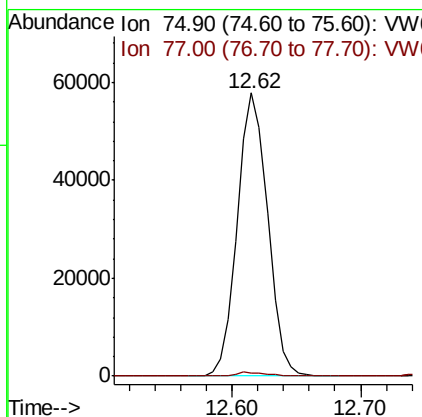
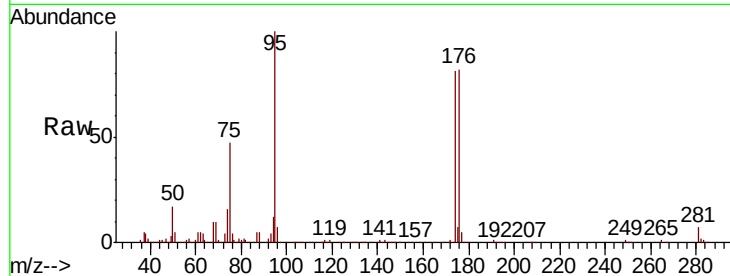




#76
 1,2,3-Trichloropropane
 Concen: 60.803 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 94485
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.471 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Tgt Ion: 75 Resp: 94485
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.9 106.3#
 89 0.0 35.8 53.8#

