

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014560.D
 Acq On : 08 Jan 2020 15:30
 Operator : SY/VA
 Sample : IBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 00:54:44 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

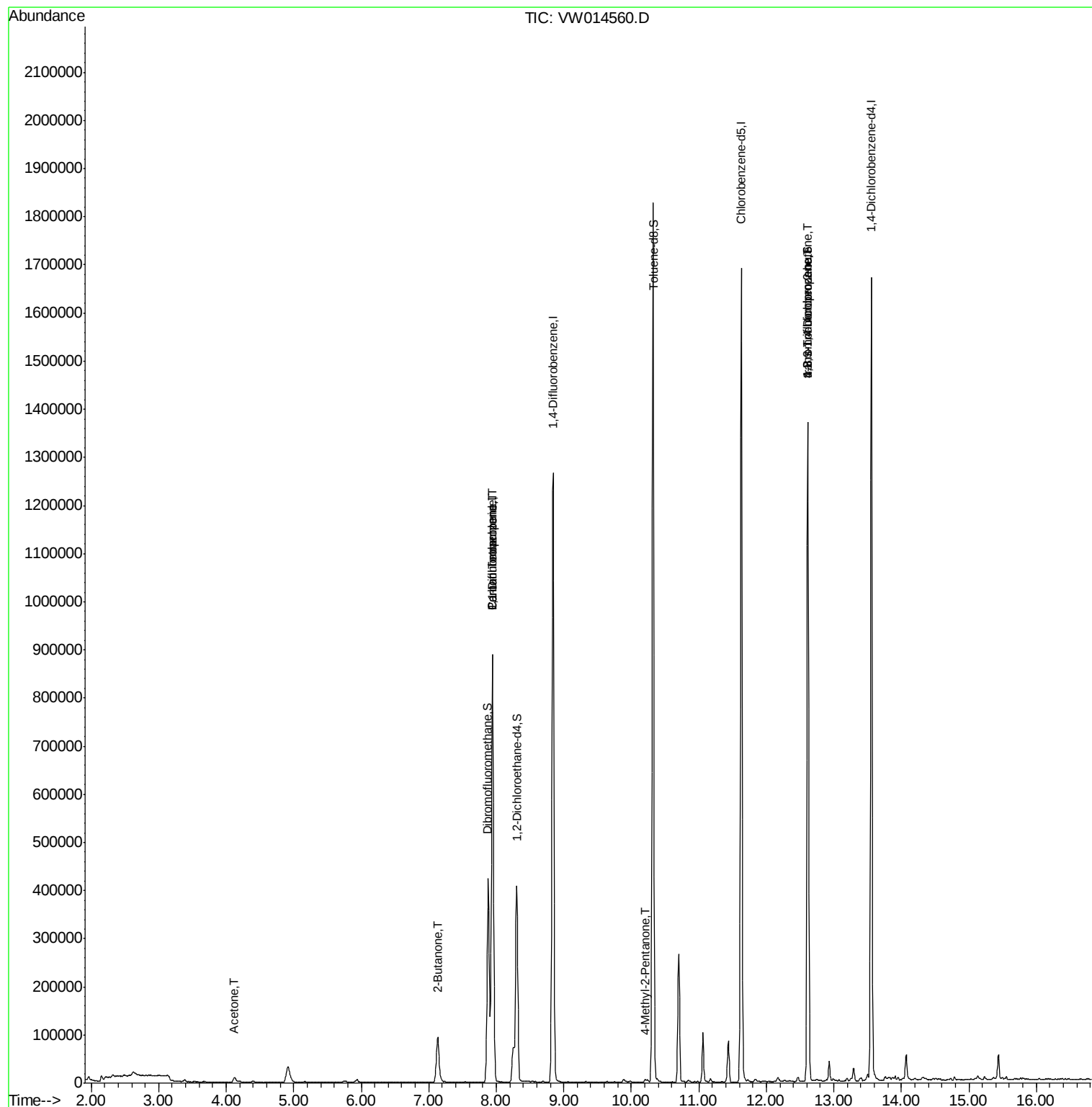
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	719026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1129452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	985452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	471143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	316040	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	310442	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.32	98	1238995	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.62	95	423380	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
11) Tert butyl alcohol	5.15	59	2257	Below Cal		97
16) Acetone	4.12	43	18619	10.489	ug/l	99
20) Methylene Chloride	4.92	84	29597	Below Cal		97
25) 2-Butanone	7.13	43	4197	1.842	ug/l	98
36) 1,1-Dichloropropene	7.95	75	48124	4.420	ug/l #	49
38) Carbon Tetrachloride	7.95	117	63759	6.750	ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	5040	1.082	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	196271	44.060	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	196271	98.168	ug/l #	14

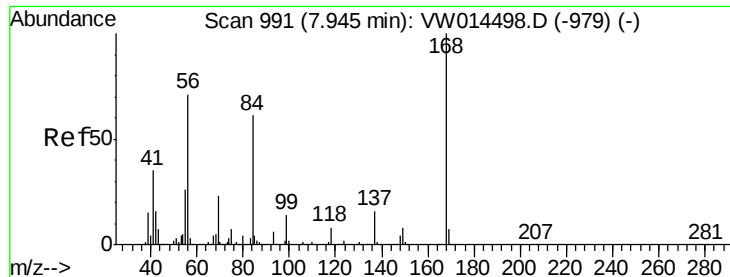
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010820\
Data File : VW014560.D
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 09 00:54:44 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: VW014560.D

Acq: 08 Jan 2020 15:30

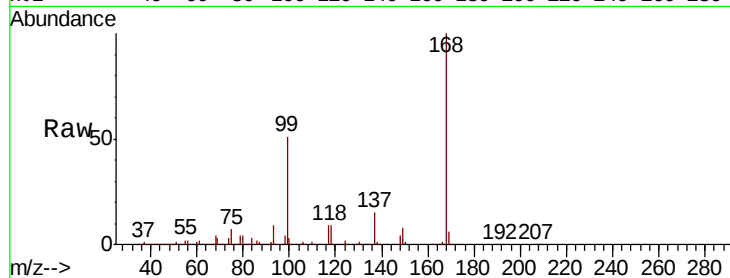
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 719026

Ion Ratio Lower Upper

168 100

99 51.3 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

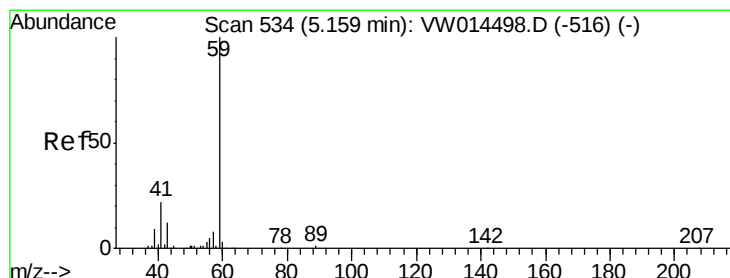
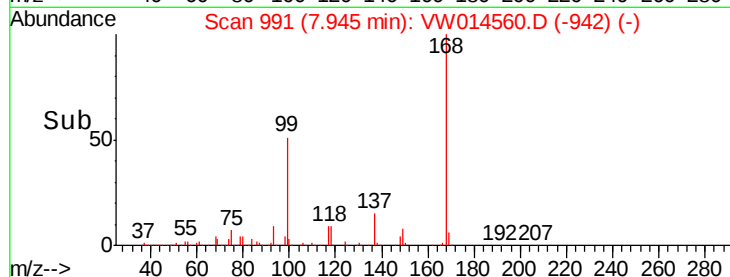
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.01 min

Lab File: VW014560.D

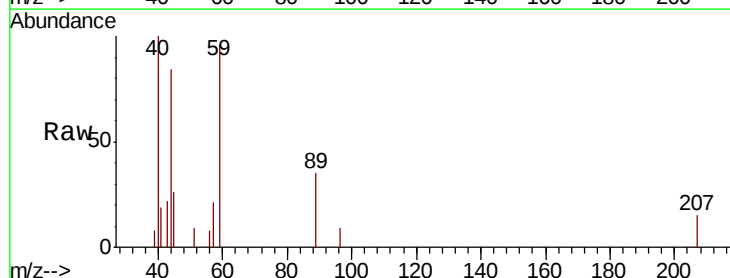
Acq: 08 Jan 2020 15:30

Tgt Ion: 59 Resp: 2257

Ion Ratio Lower Upper

59 100

57 8.6 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

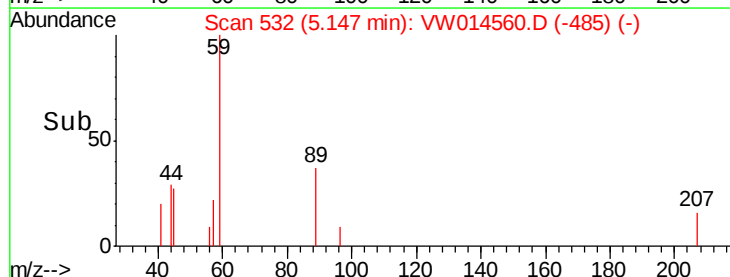
600

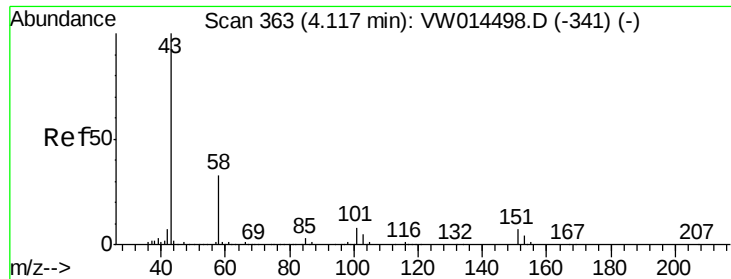
400

200

0

Time-->

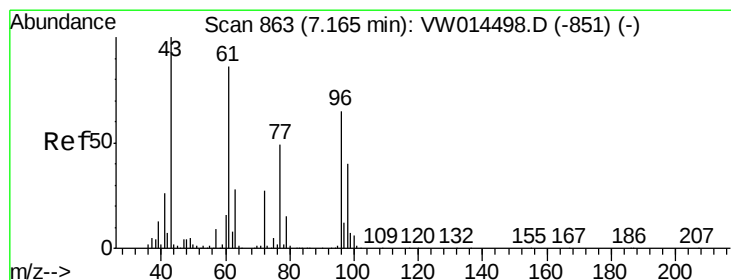
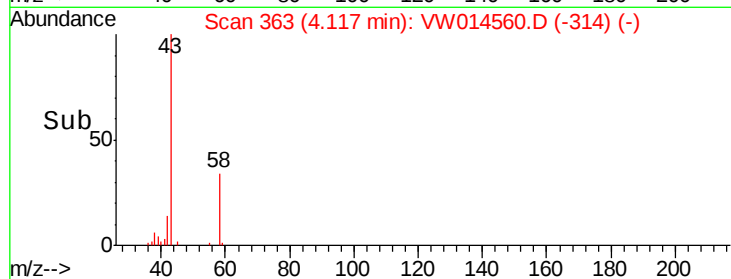
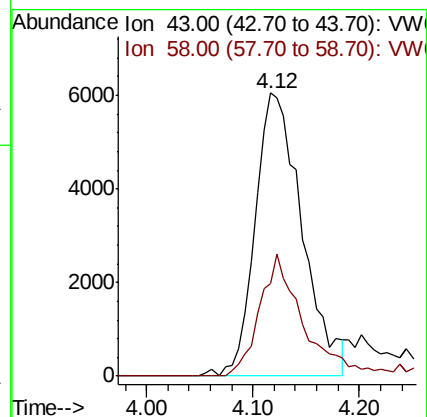
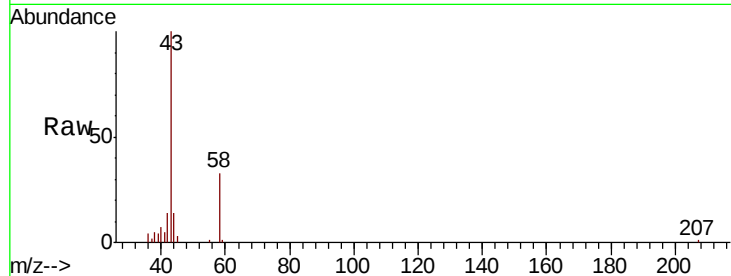




#16
Acetone
Concen: 10.489 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

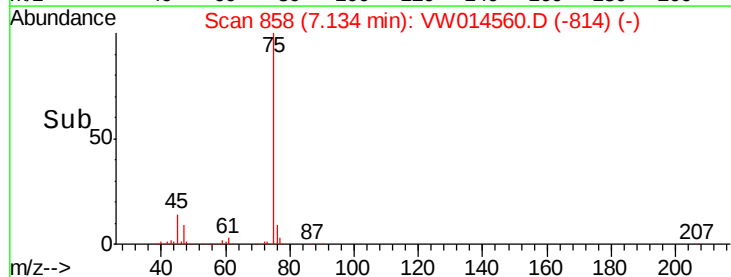
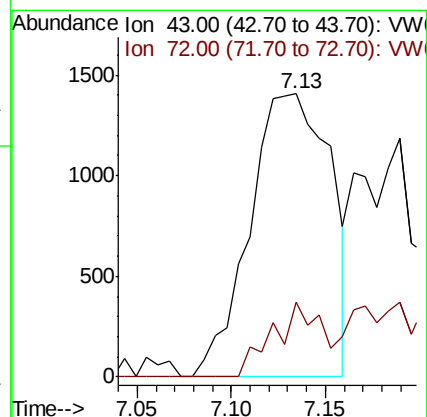
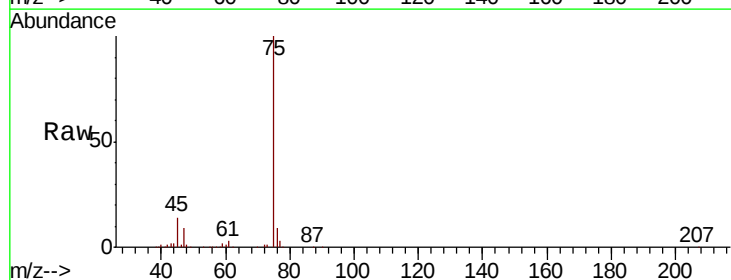
Instrument :
MSVOA_W
ClientSampleId :

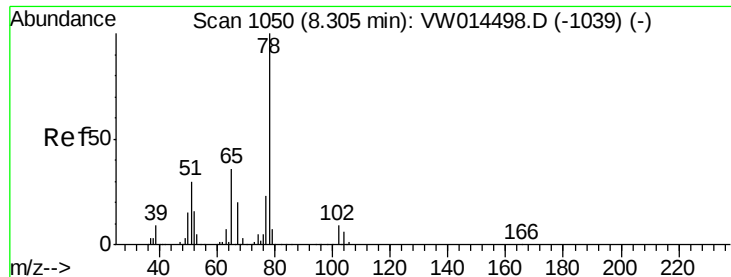
Tot Ion: 43 Resp: 18619
Ion Ratio Lower Upper
43 100
58 32.7 26.6 39.8



#25
2-Butanone
Concen: 1.842 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
72 26.2 21.9 32.9

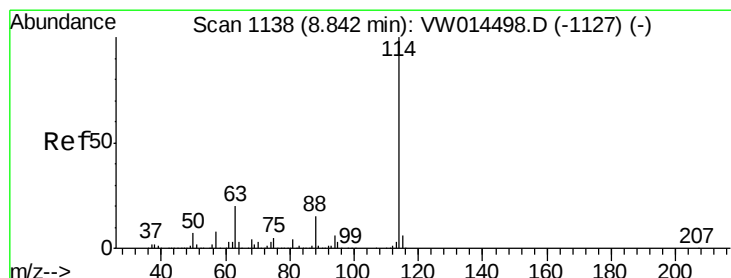
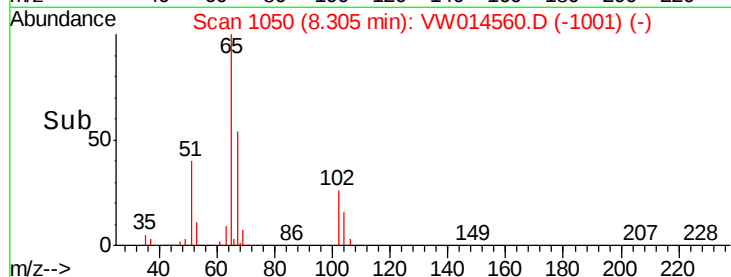
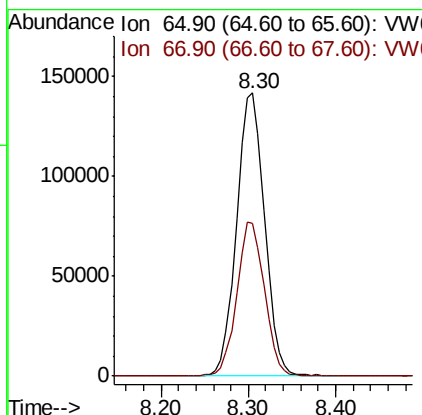
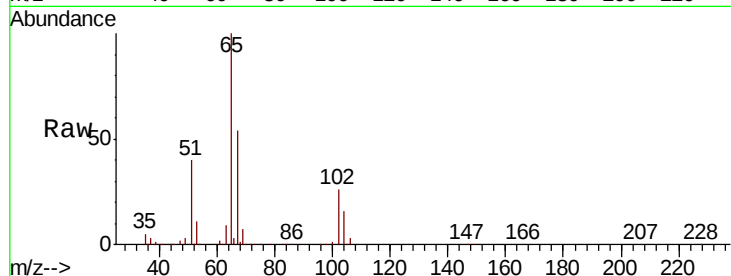




#33
 1,2-Dichloroethane-d4
 Concen: 50.272 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014560.D
 Acq: 08 Jan 2020 15:30

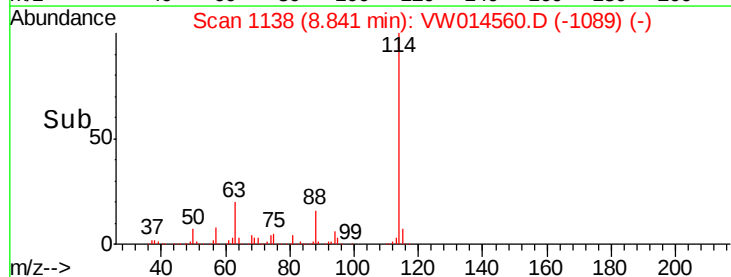
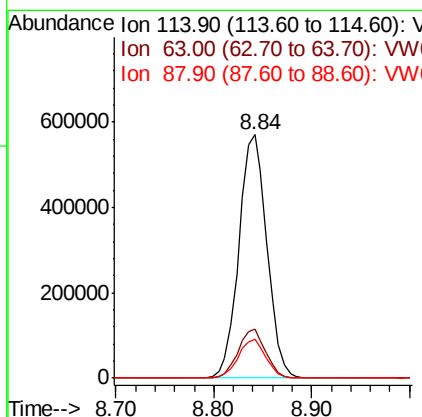
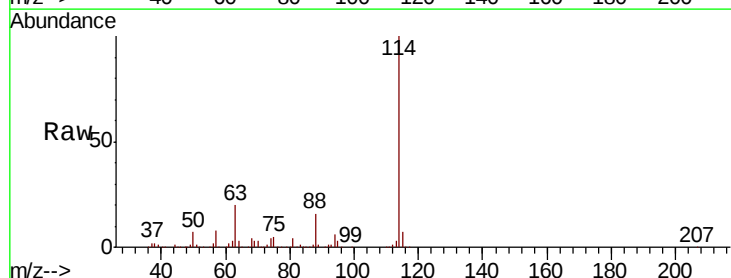
Instrument :
 MSVOA_W
 ClientSampleId :

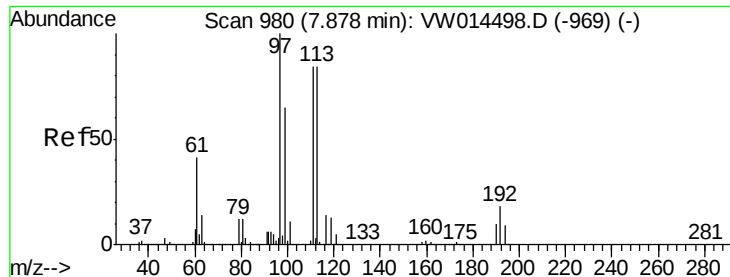
Tot Ion: 65 Resp: 316040
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014560.D
 Acq: 08 Jan 2020 15:30

Tgt Ion: 114 Resp: 1129452
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.4
 88 15.8 0.0 30.6

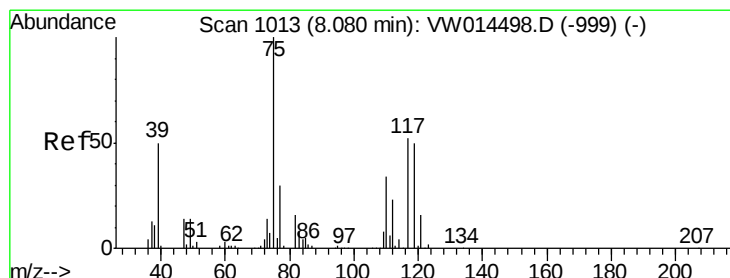
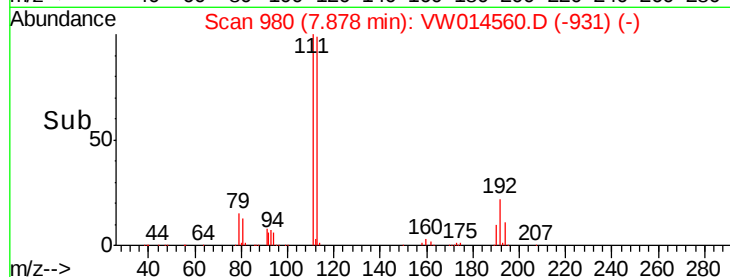
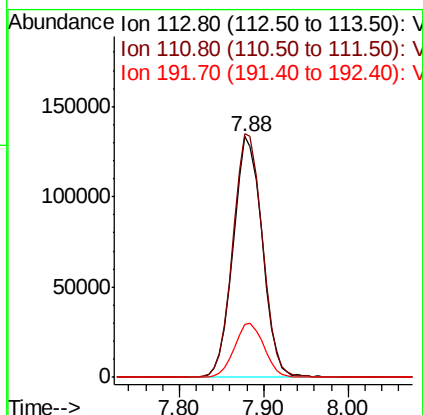
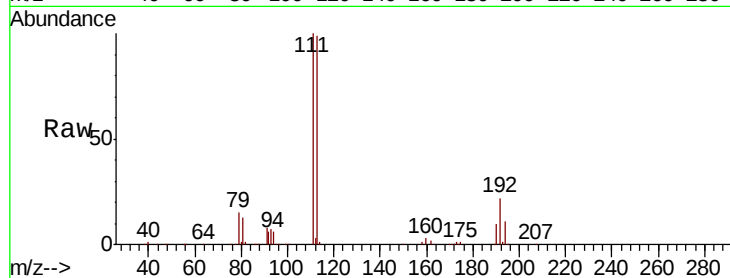




#35
 Dibromofluoromethane
 Concen: 48.093 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014560.D
 Acq: 08 Jan 2020 15:30

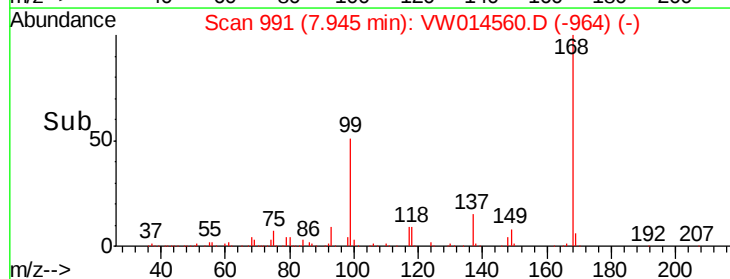
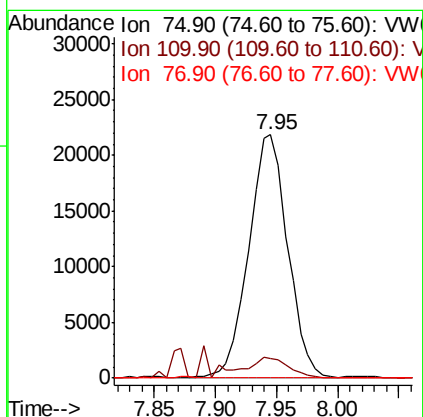
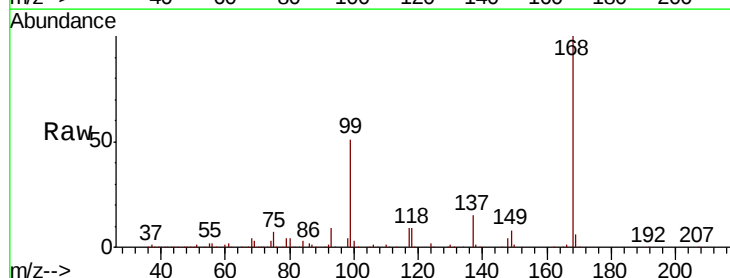
Instrument :
 MSVOA_W
 ClientSampleId :

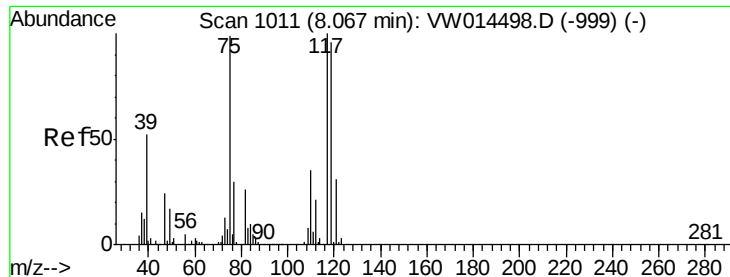
Tot Ion:113 Resp: 310442
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 22.7 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 4.420 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014560.D
 Acq: 08 Jan 2020 15:30

Tgt Ion: 75 Resp: 48124
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.8 53.5#
 77 0.0 24.7 37.1#

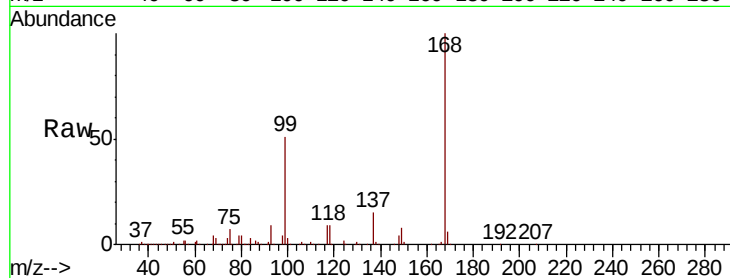




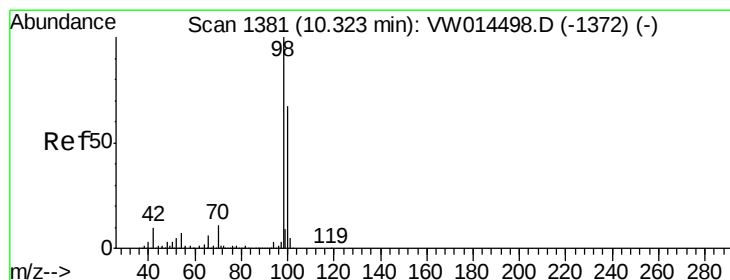
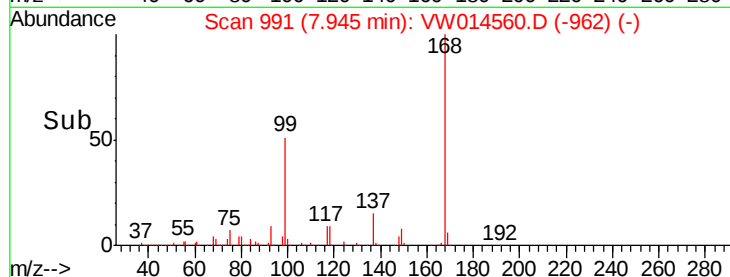
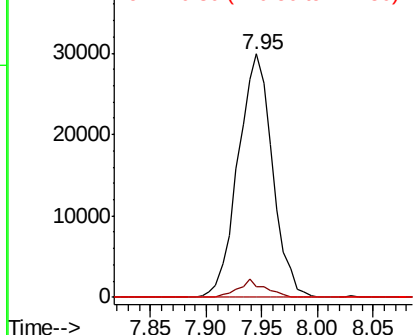
#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 63759
Ion Ratio Lower Upper
117 100
119 4.3 77.0 115.6#
121 0.0 24.6 36.8#

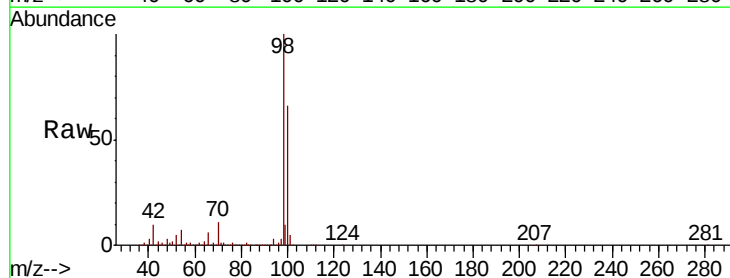


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

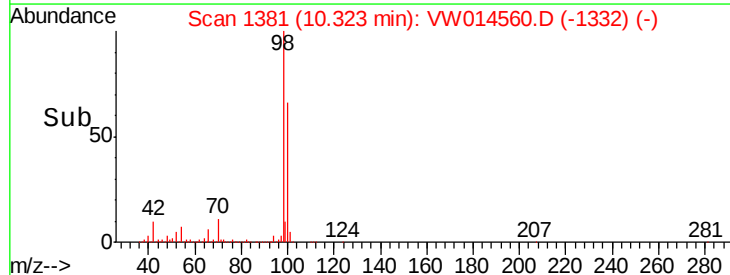
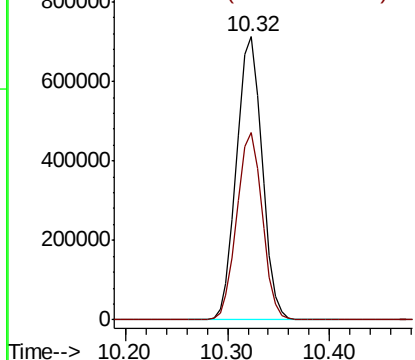


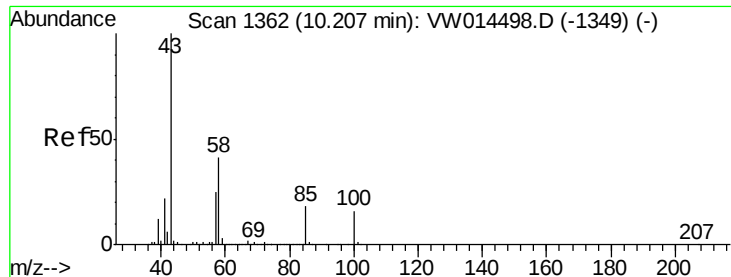
#50
Toluene-d8
Concen: 45.994 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

Tgt Ion: 98 Resp: 1238995
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.082 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW014560.D

Acq: 08 Jan 2020 15:30

Instrument :

MSVOA_W

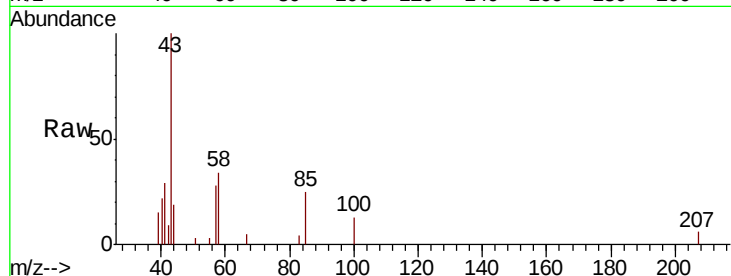
ClientSampled :

Tot Ion: 43 Resp: 5040

Ion Ratio Lower Upper

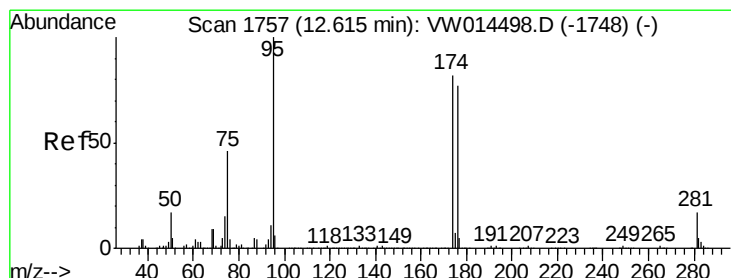
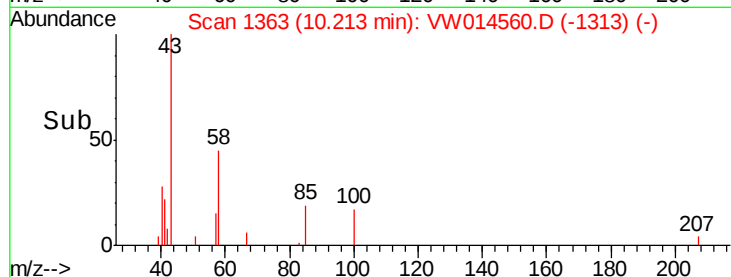
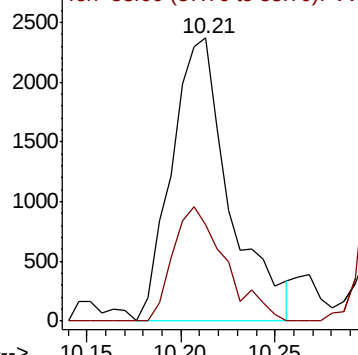
43 100

58 36.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 46.336 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014560.D

Acq: 08 Jan 2020 15:30

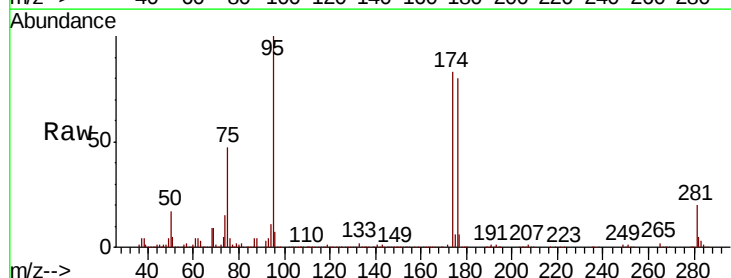
Tgt Ion: 95 Resp: 423380

Ion Ratio Lower Upper

95 100

174 85.6 0.0 168.6

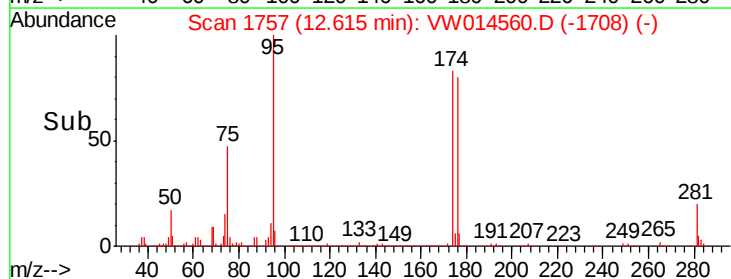
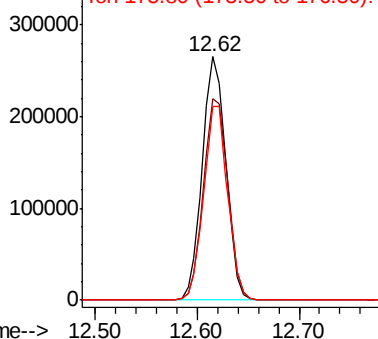
176 81.1 0.0 162.0

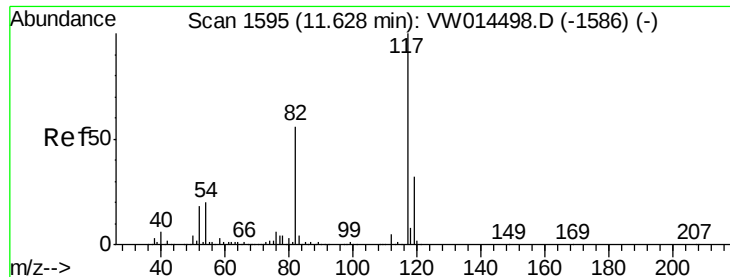


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014560.D

Acq: 08 Jan 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

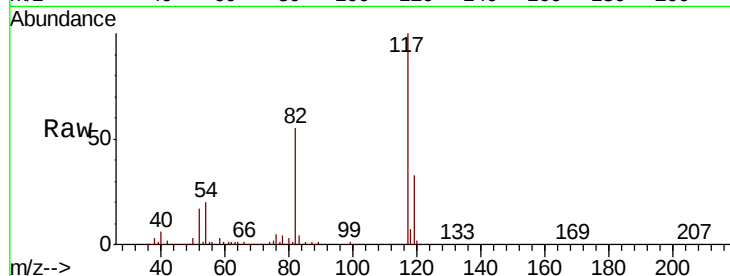
Tot Ion:117 Resp: 985452

Ion Ratio Lower Upper

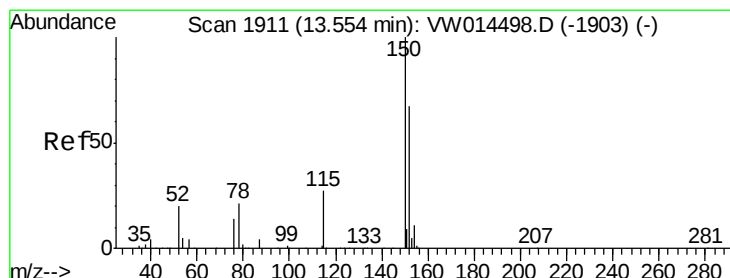
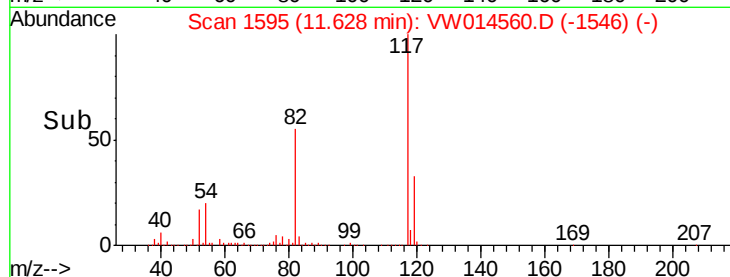
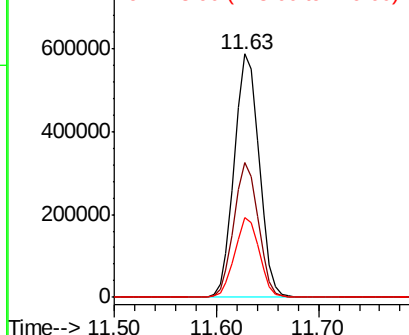
117 100

82 55.2 44.6 67.0

119 32.6 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: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014560.D

Acq: 08 Jan 2020 15:30

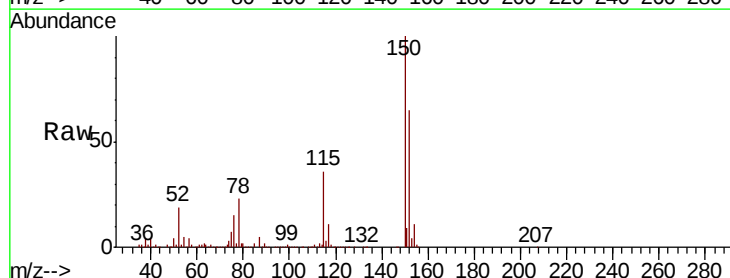
Tgt Ion:152 Resp: 471143

Ion Ratio Lower Upper

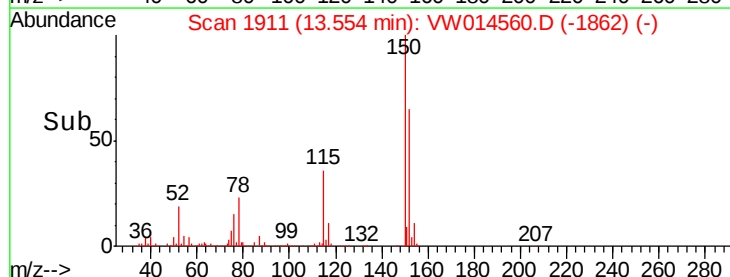
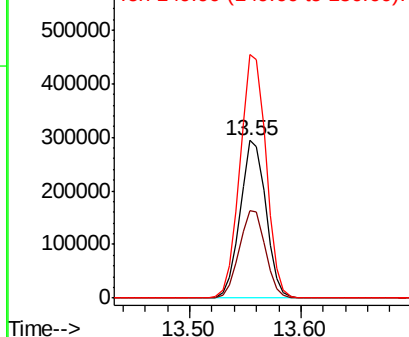
152 100

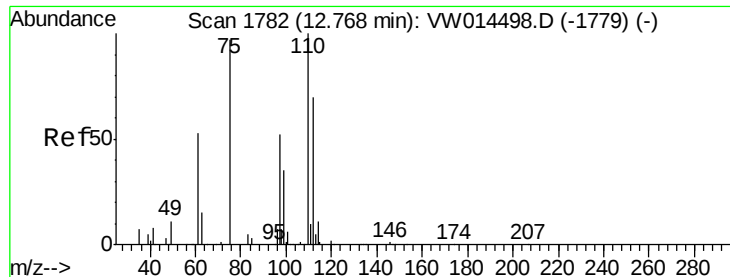
115 56.6 27.7 83.1

150 156.7 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



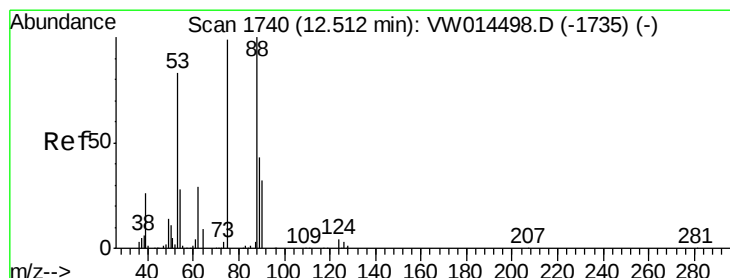
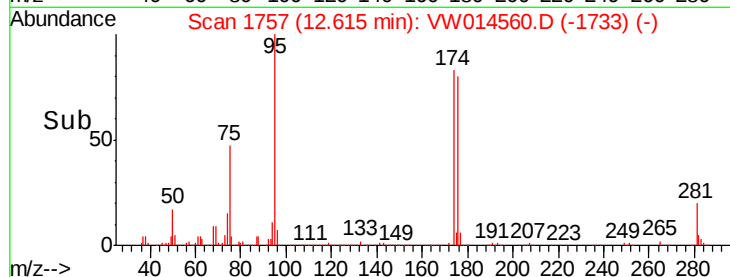
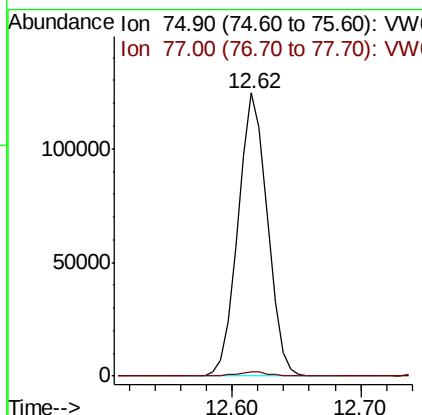
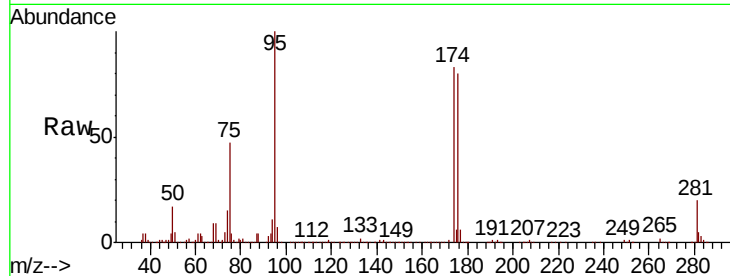


#76

1,2,3-Trichloropropane
Concen: 44.060 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 196271
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 98.168 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014560.D
Acq: 08 Jan 2020 15:30

Tgt Ion: 75 Resp: 196271
Ion Ratio Lower Upper
75 100
53 0.1 70.9 106.3#
89 0.3 35.8 53.8#

