

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014601.D
 Acq On : 10 Jan 2020 15:59
 Operator : SY/VA
 Sample : L1084-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AF-1

Quant Time: Jan 11 03:59:49 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	625359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	968478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	728935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	237653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	347178	63.50	ug/l	0.00
Spiked Amount			Recovery	=	127.00%	
35) Dibromofluoromethane	7.88	113	334319	60.40	ug/l	0.00
Spiked Amount			Recovery	=	120.80%	
50) Toluene-d8	10.32	98	1210860	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.62	95	321144	40.99	ug/l	0.00
Spiked Amount			Recovery	=	81.98%	

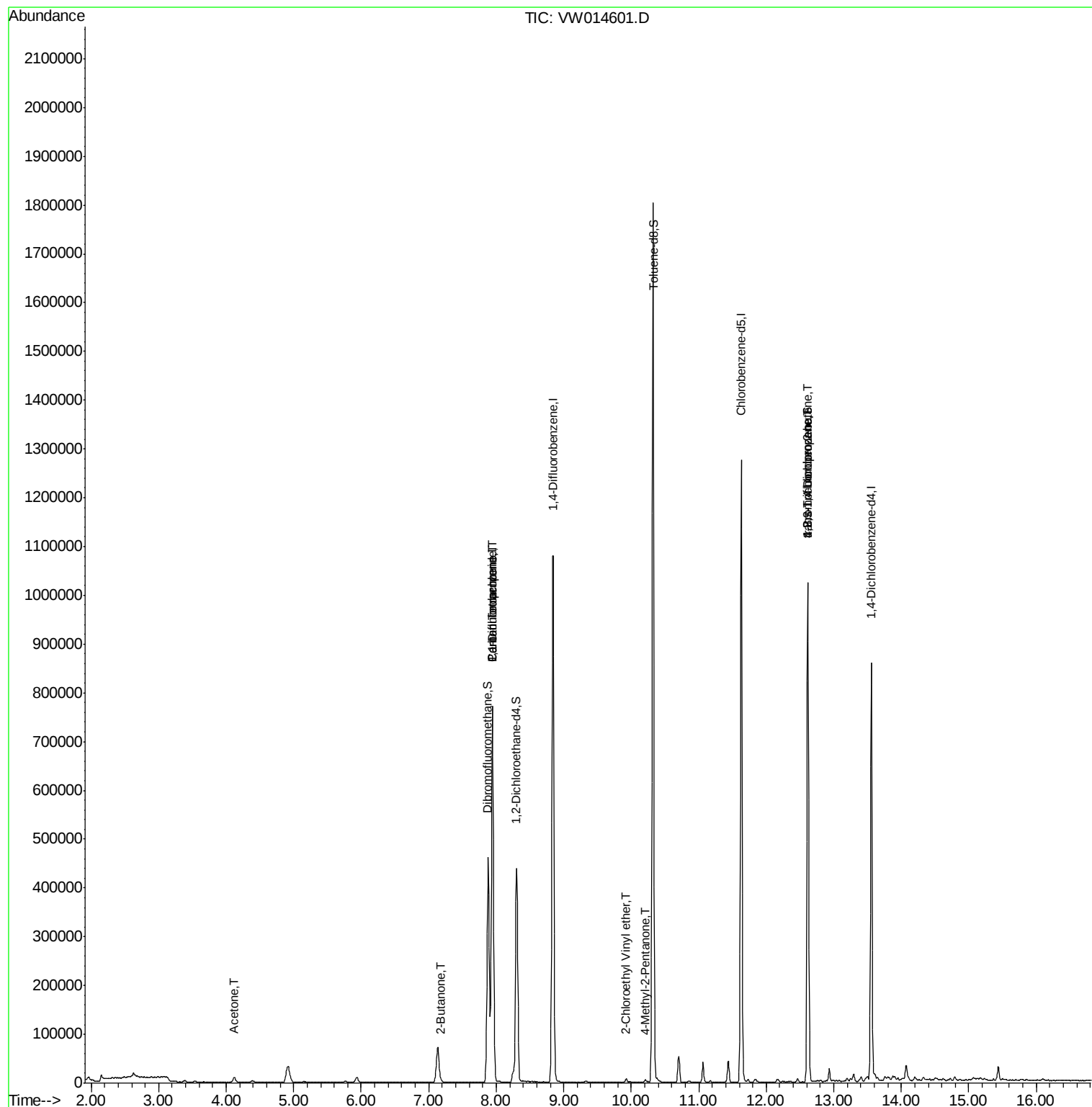
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	485	Below Cal	#	73
16) Acetone	4.12	43	18600	12.048	ug/l	97
25) 2-Butanone	7.18	43	3017	1.523	ug/l #	60
36) 1,1-Dichloropropene	7.95	75	43463	4.655	ug/l #	49
38) Carbon Tetrachloride	7.94	117	54164	6.687	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	4768	1.194	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	3206	1.736	ug/l #	88
76) 1,2,3-Trichloropropane	12.62	75	151430	67.393	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	151430	150.154	ug/l #	14

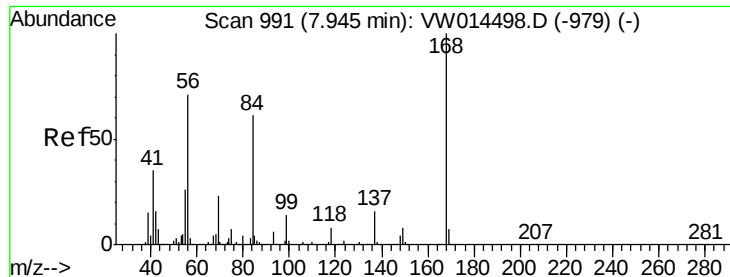
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
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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: VW014601.D

Acq: 10 Jan 2020 15:59

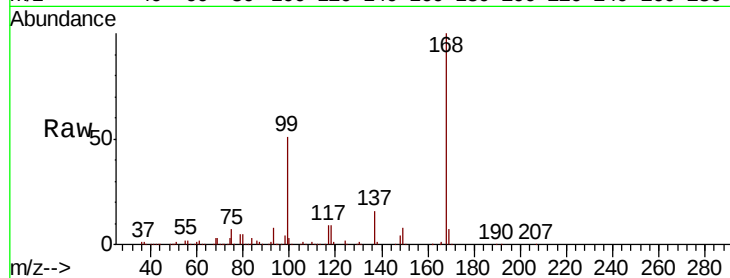
Instrument :
MSVOA_W
ClientSampled :
AF-1

Tot Ion:168 Resp: 625359

Ion Ratio Lower Upper

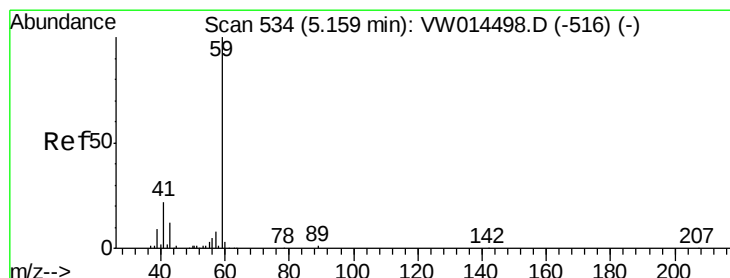
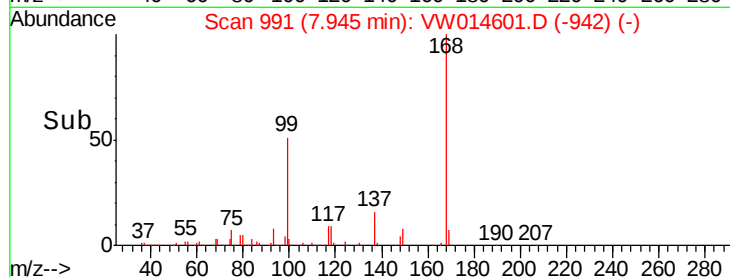
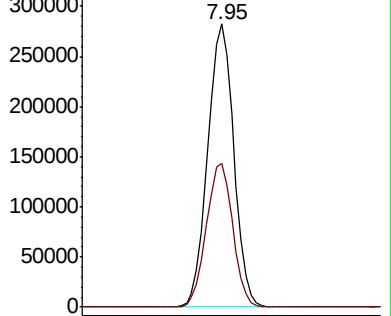
168 100

99 50.6 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW014601.D

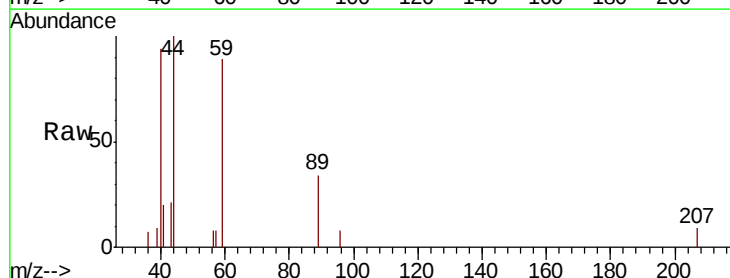
Acq: 10 Jan 2020 15:59

Tgt Ion: 59 Resp: 485

Ion Ratio Lower Upper

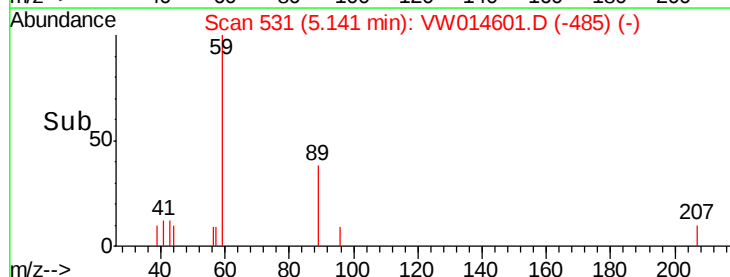
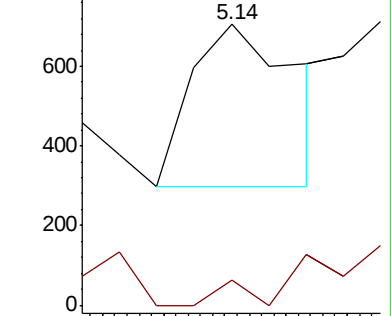
59 100

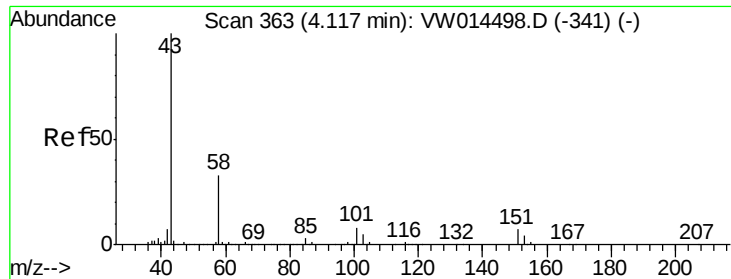
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 12.048 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

Instrument :

MSVOA_W

ClientSampled :

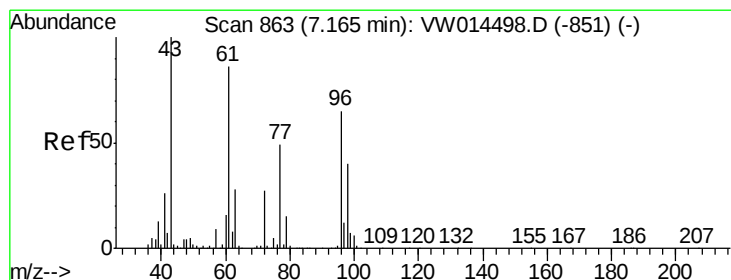
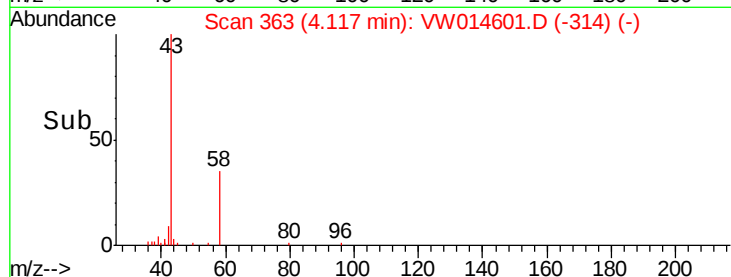
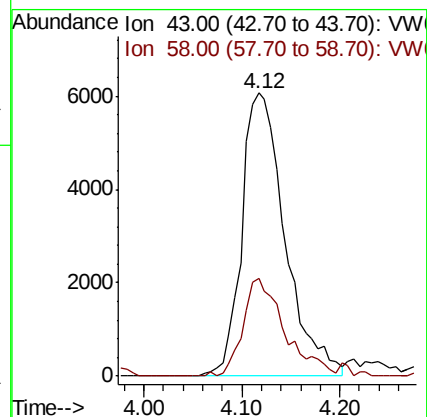
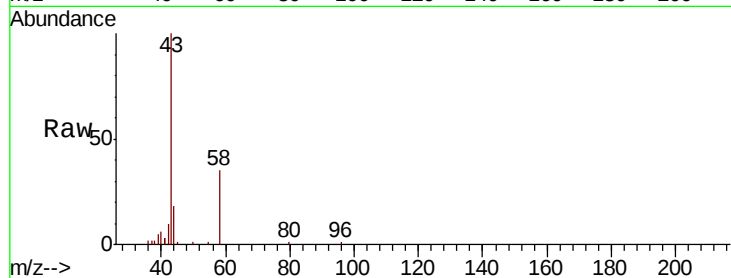
AF-1

Tot Ion: 43 Resp: 18600

Ion Ratio Lower Upper

43 100

58 34.7 26.6 39.8



#25

2-Butanone

Concen: 1.523 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW014601.D

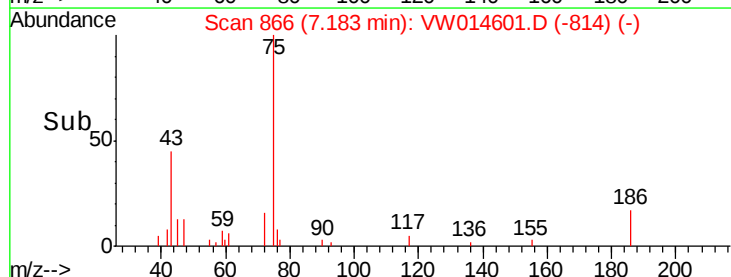
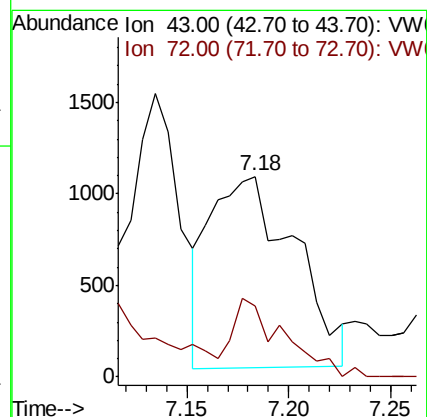
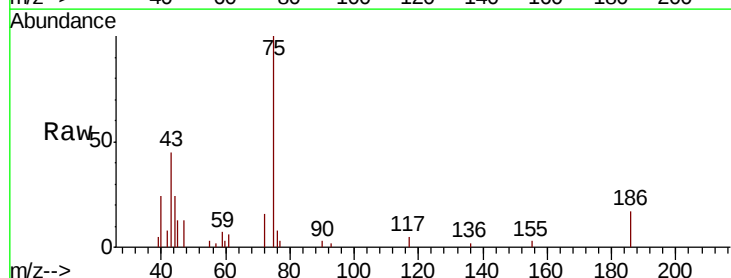
Acq: 10 Jan 2020 15:59

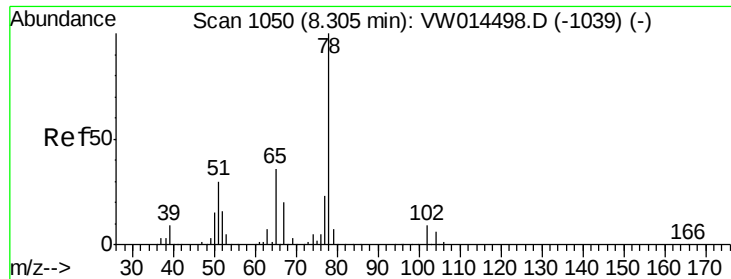
Tgt Ion: 43 Resp: 3017

Ion Ratio Lower Upper

43 100

72 48.1 21.9 32.9#

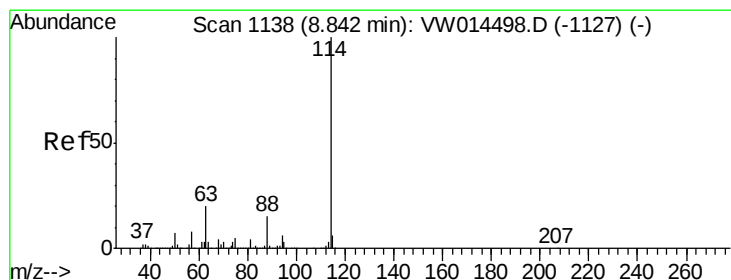
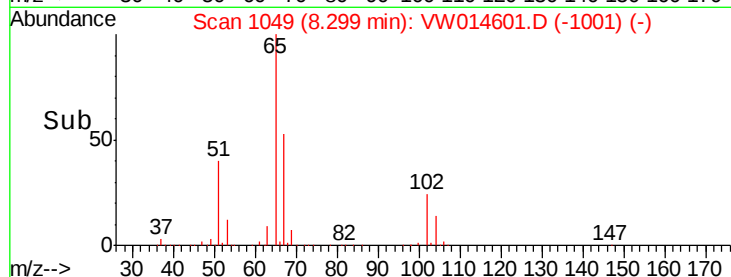
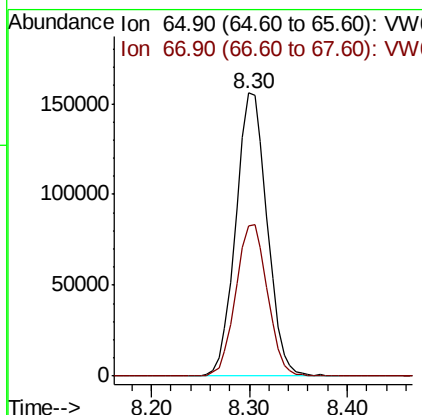
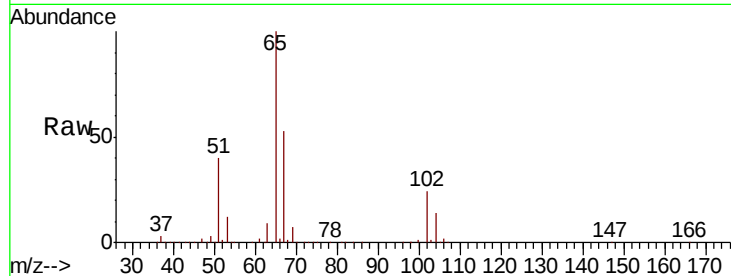




#33
 1,2-Dichloroethane-d4
 Concen: 63.497 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014601.D
 Acq: 10 Jan 2020 15:59

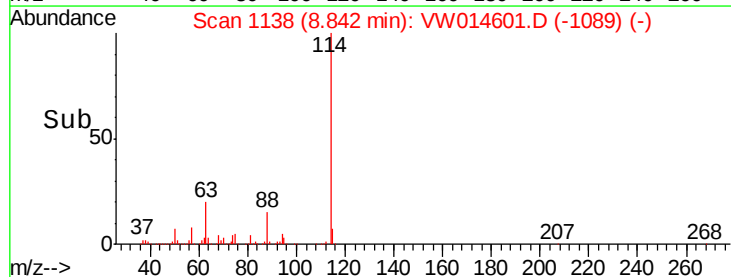
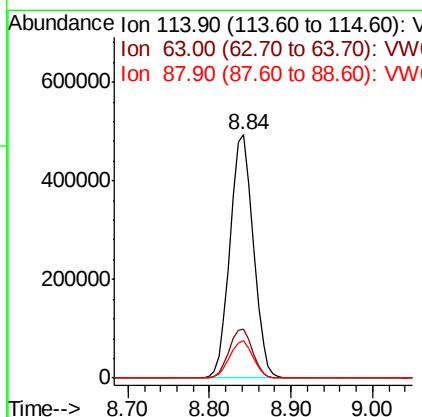
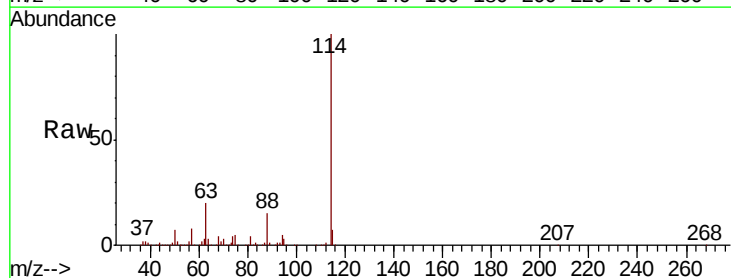
Instrument :
 MSVOA_W
 ClientSampleId :
 AF-1

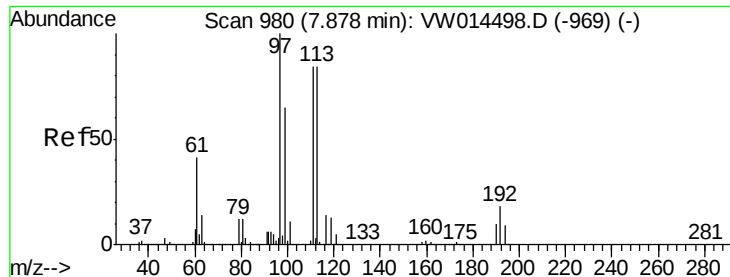
Tot Ion: 65 Resp: 347178
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014601.D
 Acq: 10 Jan 2020 15:59

Tgt Ion: 114 Resp: 968478
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 60.401 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

AF-1

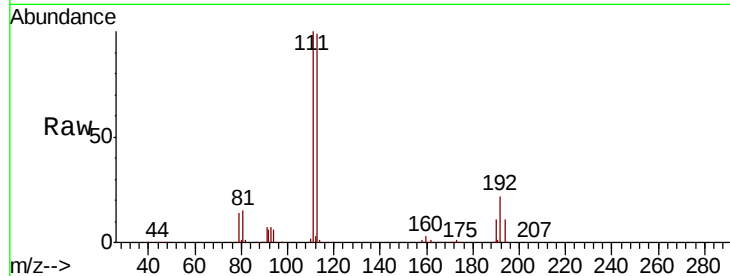
Tot Ion:113 Resp: 334319

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.2

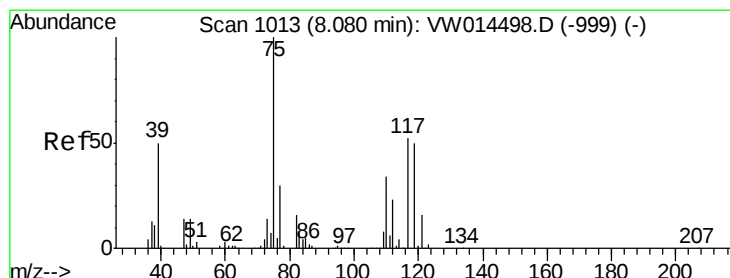
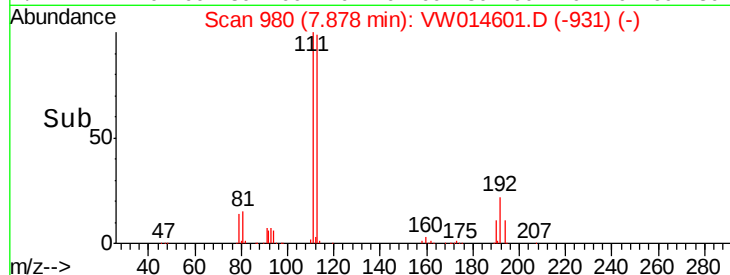
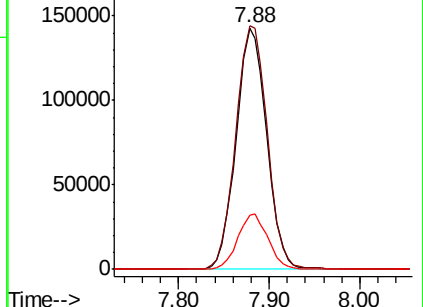
192 22.7 17.8 26.8



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: 4.655 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

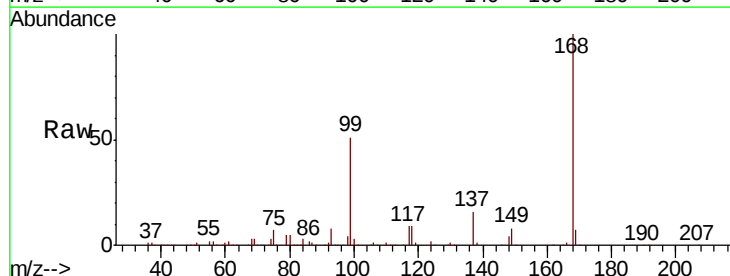
Tgt Ion: 75 Resp: 43463

Ion Ratio Lower Upper

75 100

110 8.1 17.8 53.5#

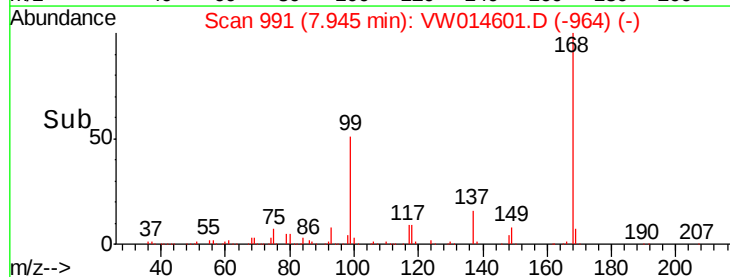
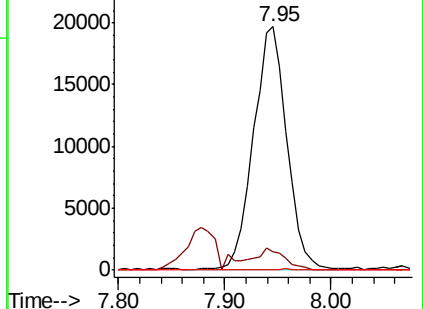
77 0.1 24.7 37.1#

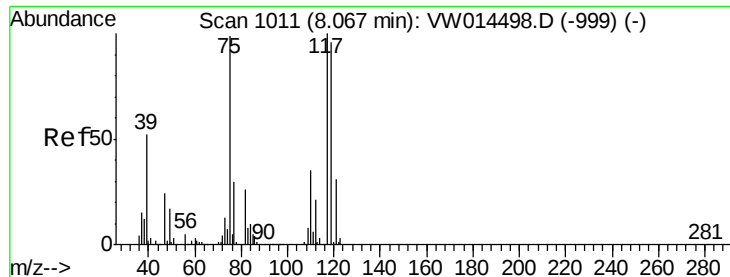


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

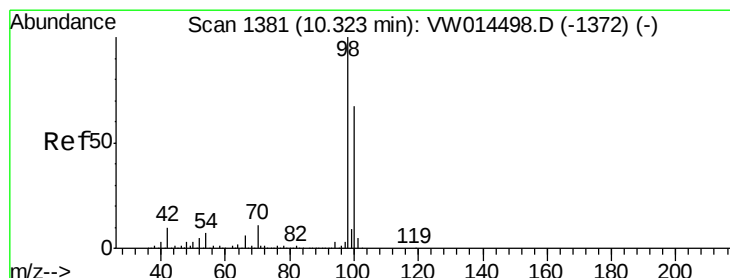
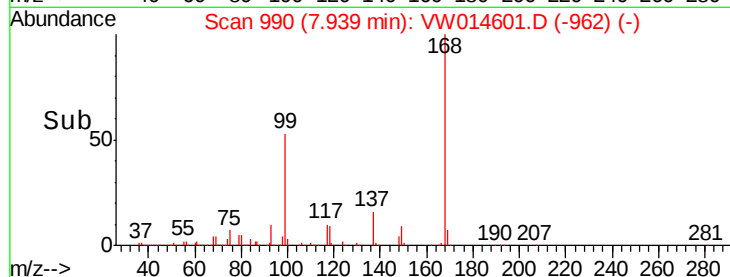
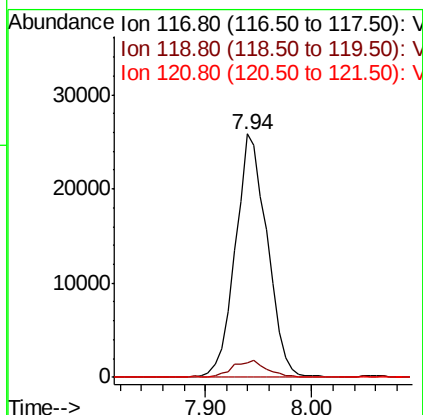
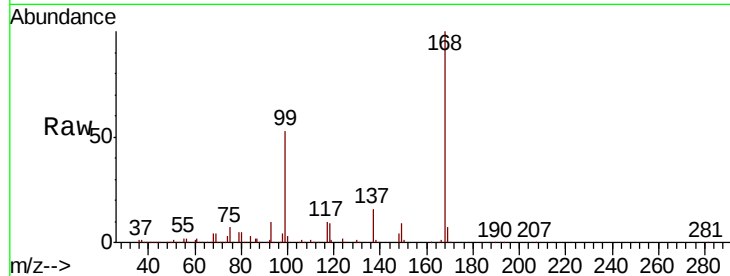




#38
Carbon Tetrachloride
Concen: 6.687 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW014601.D
Acq: 10 Jan 2020 15:59

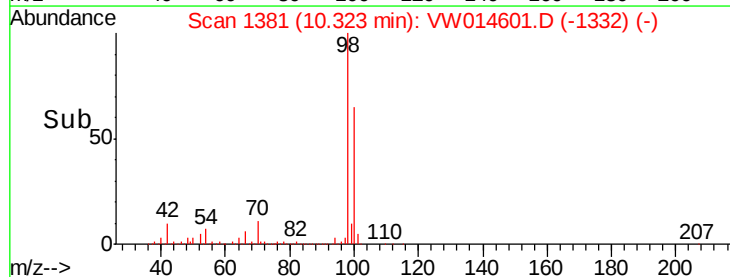
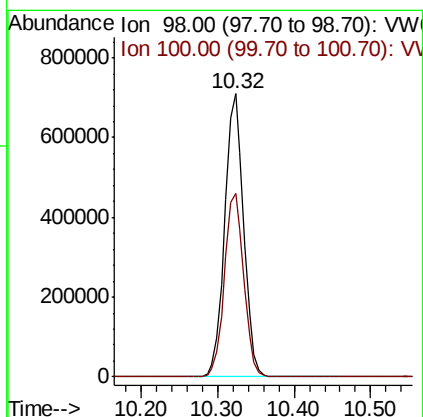
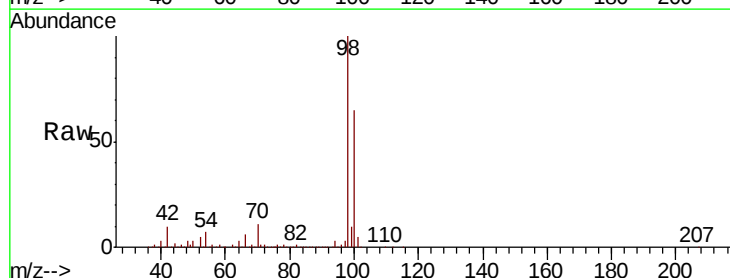
Instrument :
MSVOA_W
ClientSampleId :
AF-1

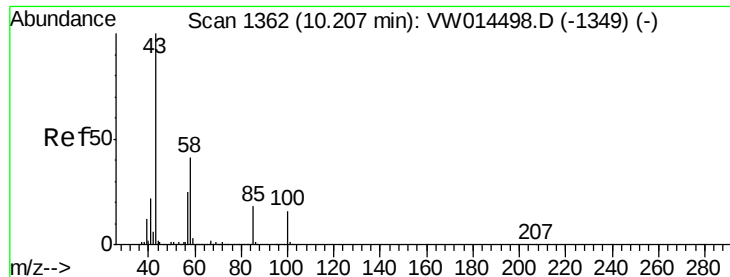
Tot Ion:117 Resp: 54164
Ion Ratio Lower Upper
117 100
119 5.8 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 52.420 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014601.D
Acq: 10 Jan 2020 15:59

Tgt Ion: 98 Resp: 1210860
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 1.194 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

Instrument :

MSVOA_W

ClientSampled :

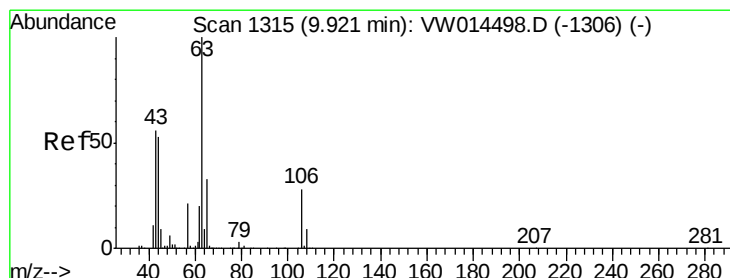
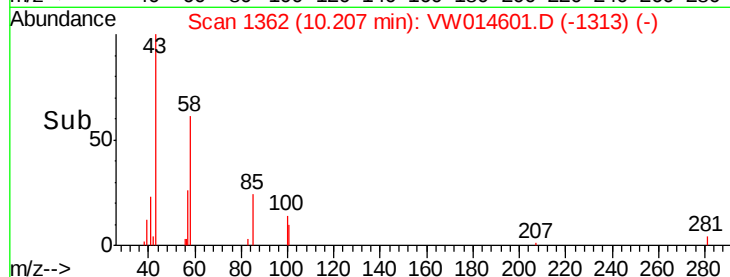
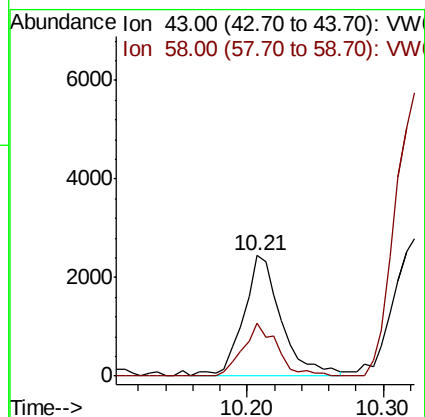
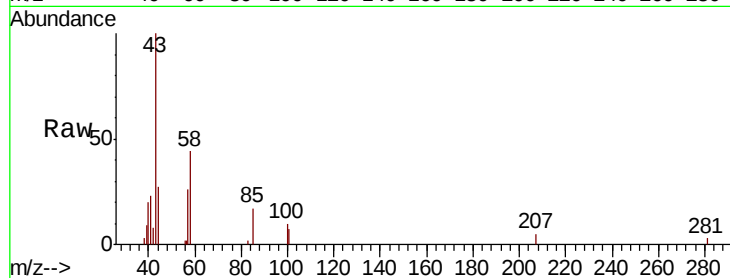
AF-1

Tot Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

58 39.9 32.7 49.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.736 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW014601.D

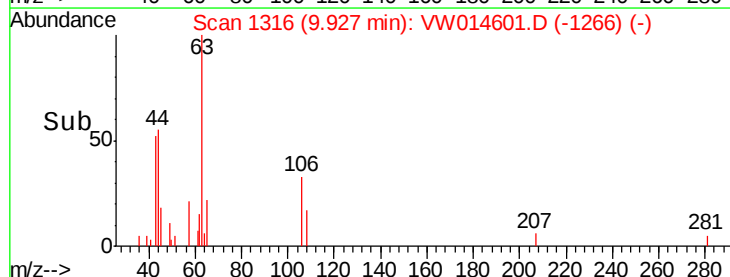
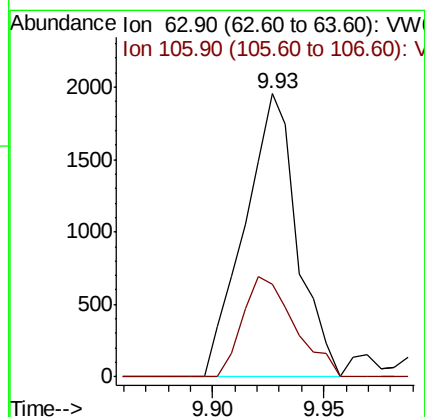
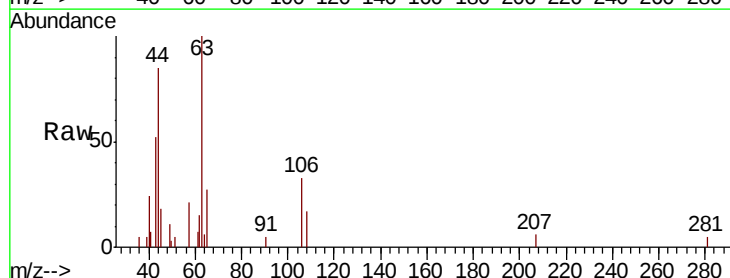
Acq: 10 Jan 2020 15:59

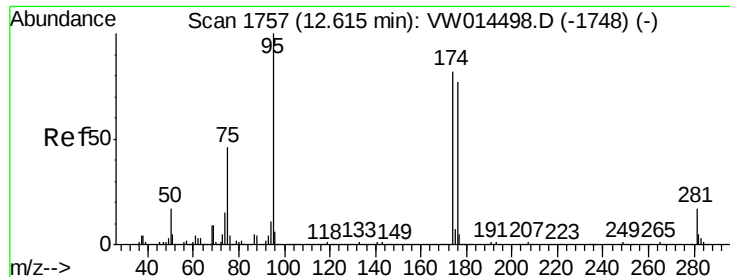
Tgt Ion: 63 Resp: 3206

Ion Ratio Lower Upper

63 100

106 35.0 23.0 34.6#





#62

4-Bromofluorobenzene

Concen: 40.989 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

Instrument :

MSVOA_W

ClientSampled :

AF-1

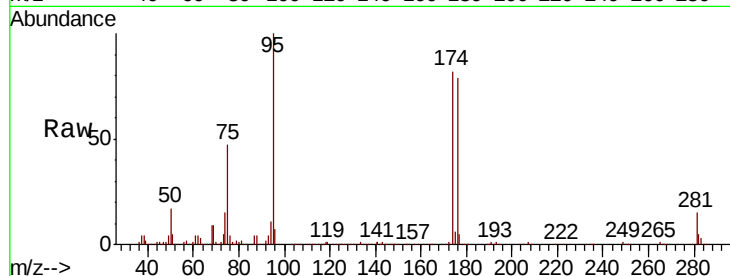
Tot Ion: 95 Resp: 321144

Ion Ratio Lower Upper

95 100

174 83.1 0.0 168.6

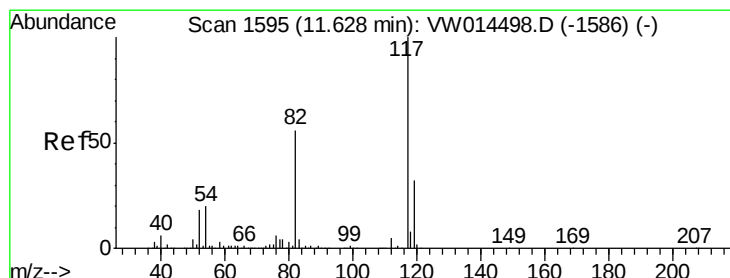
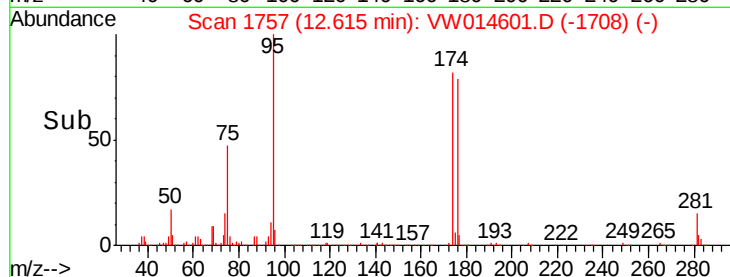
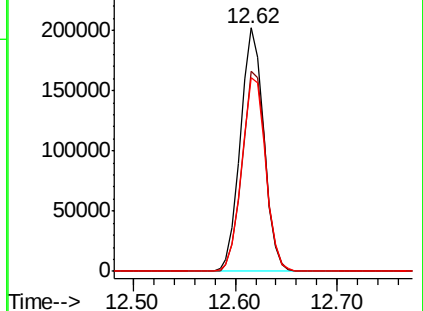
176 81.5 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

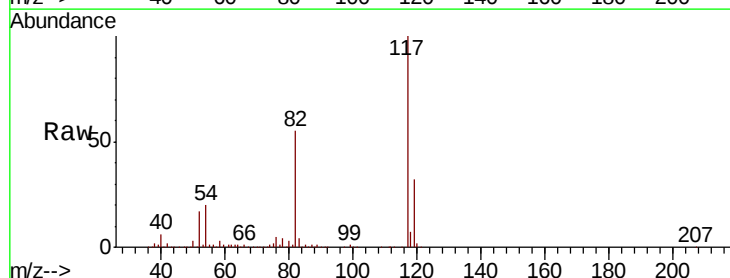
Tgt Ion: 117 Resp: 728935

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

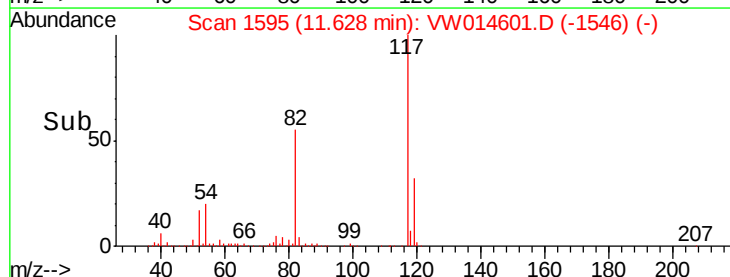
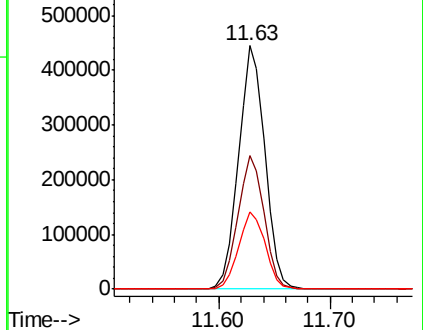
119 31.9 25.7 38.5

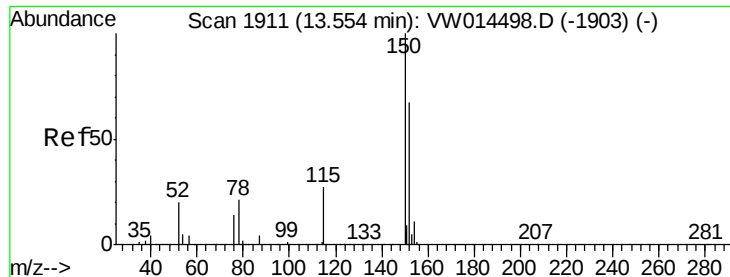


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



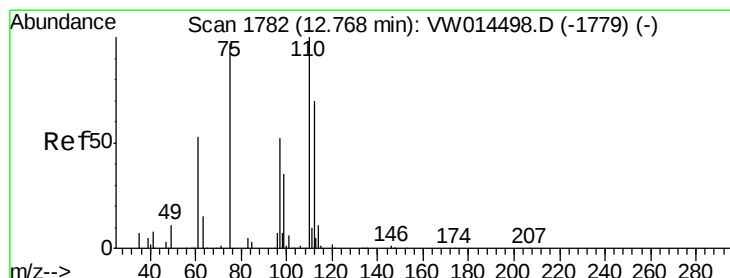
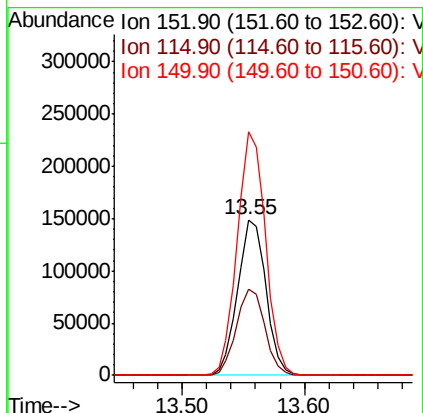
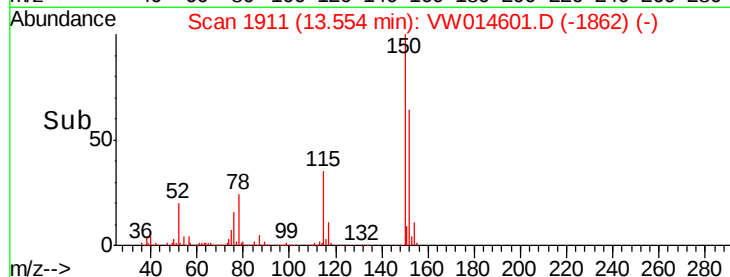
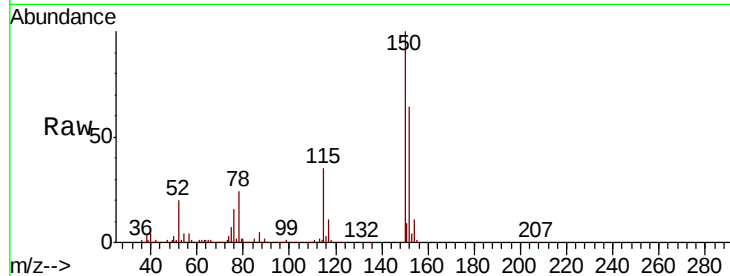


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014601.D
Acq: 10 Jan 2020 15:59

Instrument :
MSVOA_W
ClientSampleId :
AF-1

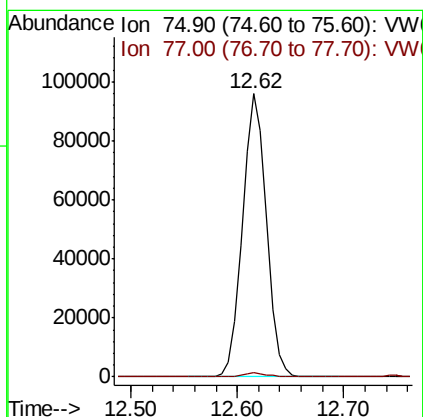
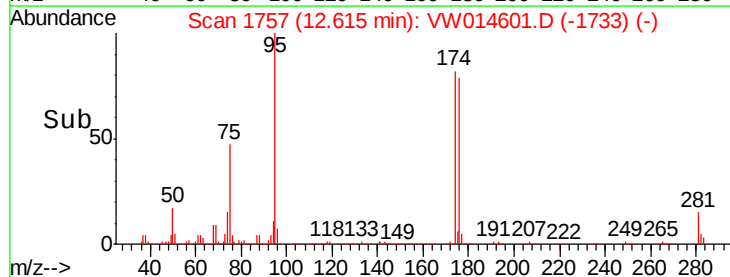
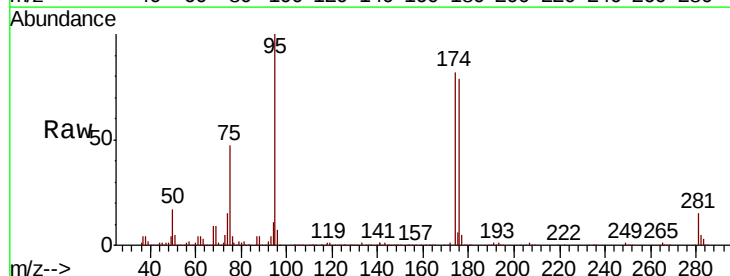
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.7	83.1
150	156.9	0.0	343.4

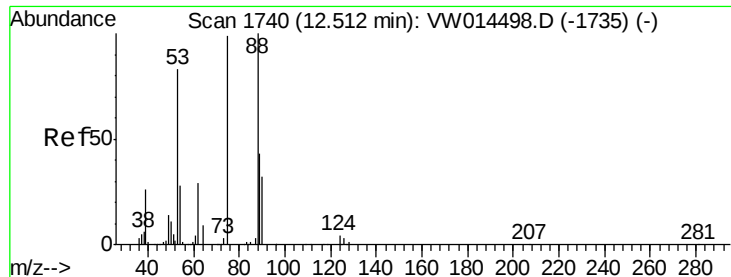


#76

1,2,3-Trichloropropane
Concen: 67.393 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014601.D
Acq: 10 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.154 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014601.D

Acq: 10 Jan 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

AF-1

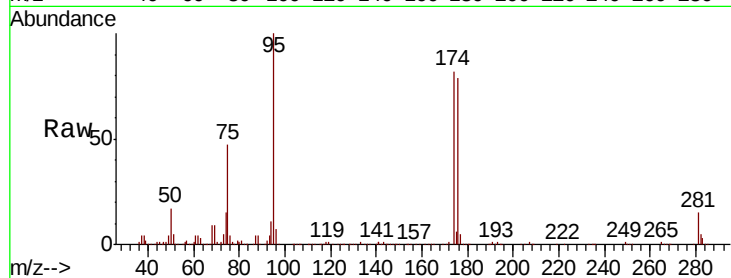
Tot Ion: 75 Resp: 151430

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

