

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014603.D
 Acq On : 10 Jan 2020 16:51
 Operator : SY/VA
 Sample : L1084-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AF-3

Quant Time: Jan 11 04:00:10 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	624563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	963602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	725745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	249876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	327556	59.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.96%	
35) Dibromofluoromethane	7.88	113	331419	60.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.36%	
50) Toluene-d8	10.32	98	1203685	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.62	95	321663	41.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.52%	

Target Compounds

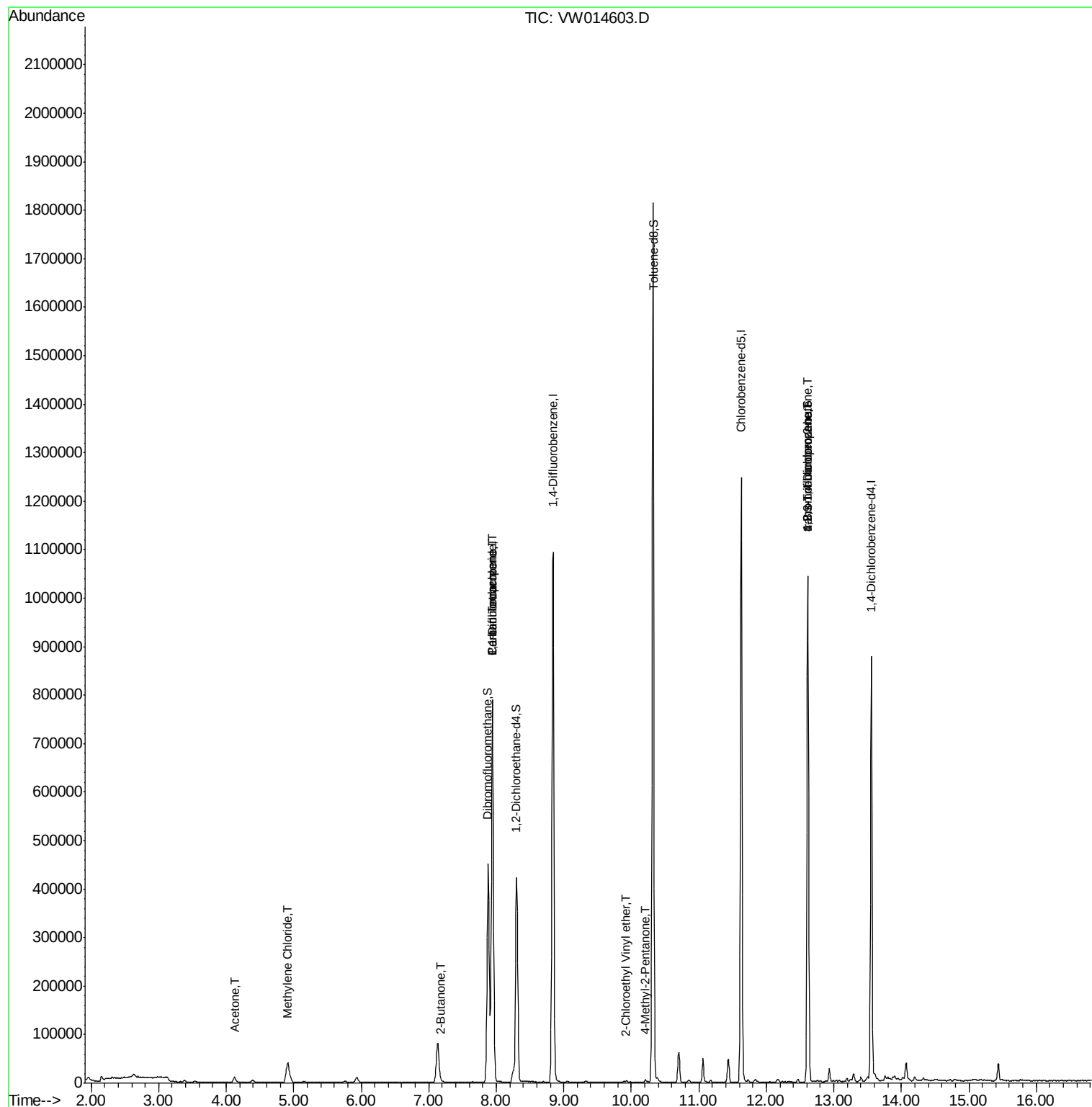
					Qvalue	
11) Tert butyl alcohol	5.17	59	1556	Below Cal	#	93
16) Acetone	4.12	43	19448	12.613	ug/l	97
20) Methylene Chloride	4.92	84	35961	1.372	ug/l	94
25) 2-Butanone	7.18	43	2146	1.085	ug/l #	88
36) 1,1-Dichloropropene	7.94	75	42827	4.610	ug/l #	49
38) Carbon Tetrachloride	7.95	117	55661	6.906	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	4877	1.228	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	1842	1.002	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	150951	63.893	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	150951	142.357	ug/l #	14

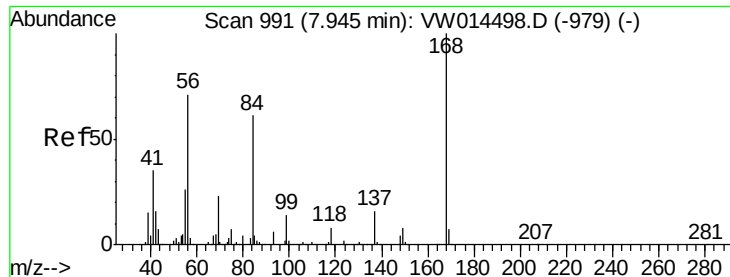
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
Data File : VW014603.D
Acq On : 10 Jan 2020 16:51
Operator : SY/VA
Sample : L1084-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AF-3

Quant Time: Jan 11 04:00:10 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: VW014603.D

Acq: 10 Jan 2020 16:51

Instrument :

MSVOA_W

ClientSampleId :

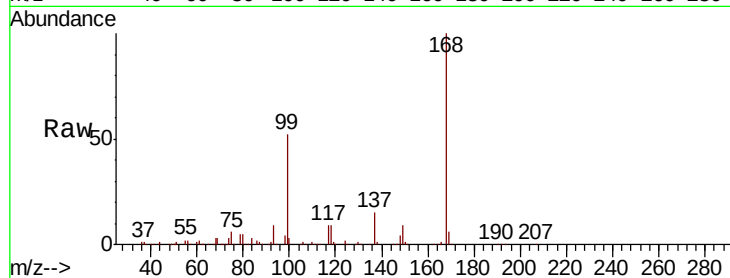
AF-3

Tot Ion:168 Resp: 624563

Ion Ratio Lower Upper

168 100

99 52.3 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

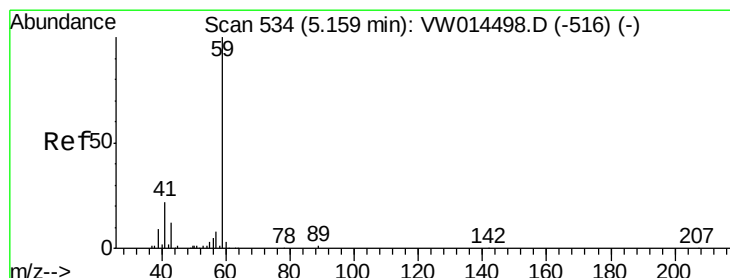
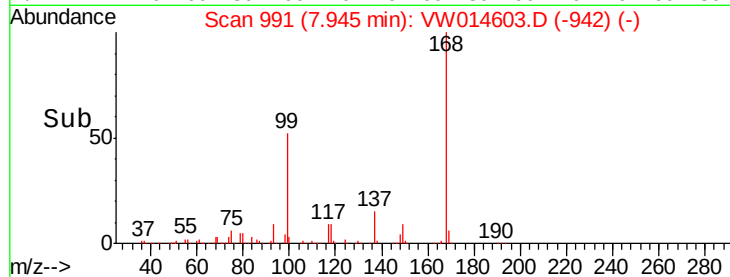
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014603.D

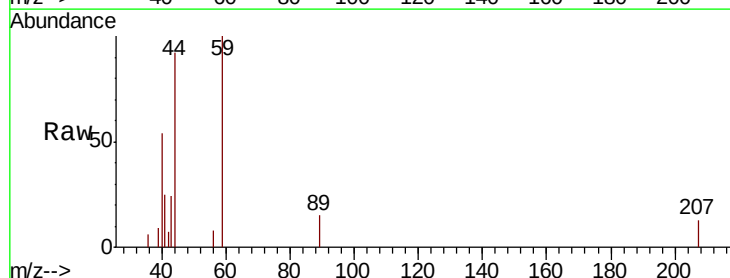
Acq: 10 Jan 2020 16:51

Tgt Ion: 59 Resp: 1556

Ion Ratio Lower Upper

59 100

57 7.3 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

1000

800

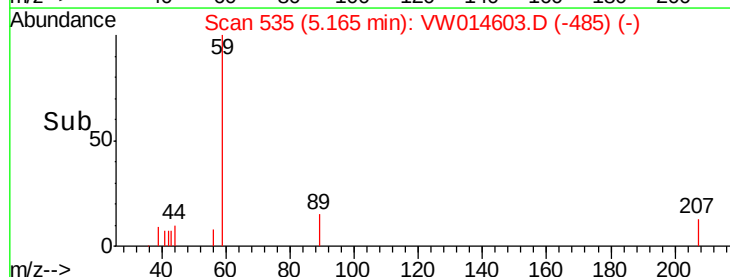
600

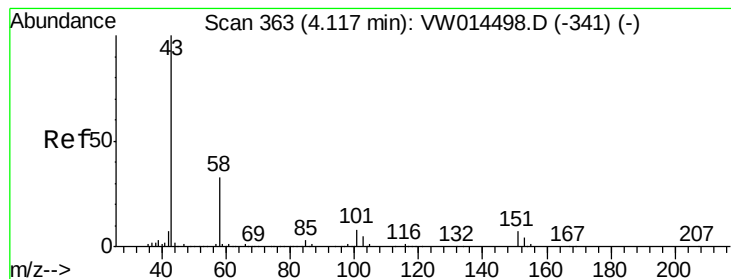
400

200

0

Time-->





#16

Acetone

Concen: 12.613 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

Instrument :

MSVOA_W

ClientSampled :

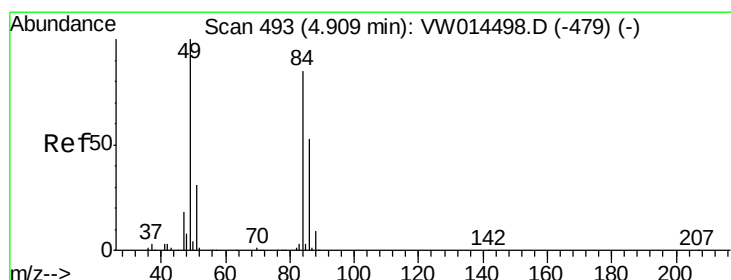
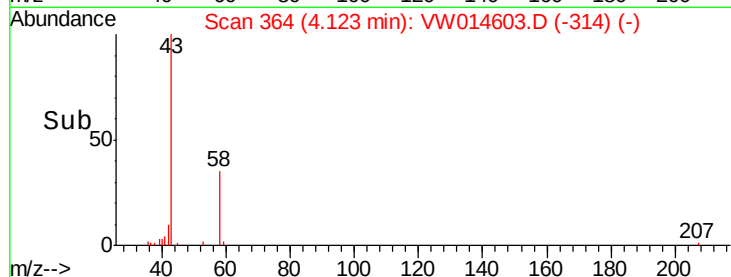
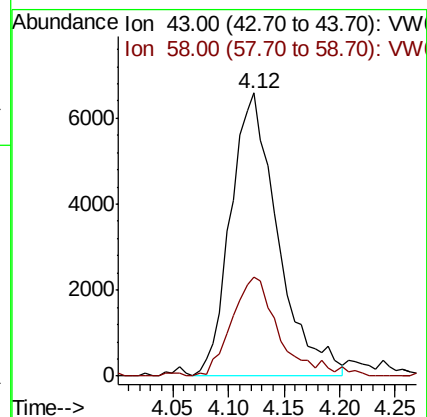
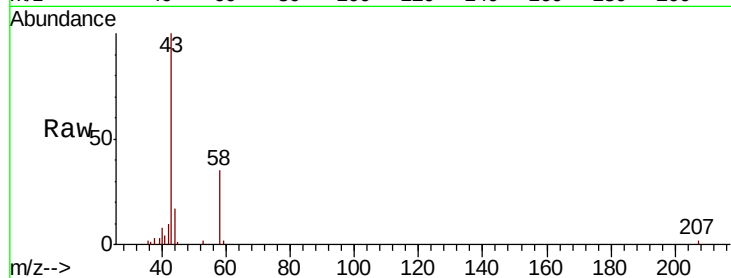
AF-3

Tot Ion: 43 Resp: 19448

Ion Ratio Lower Upper

43 100

58 35.1 26.6 39.8



#20

Methylene Chloride

Concen: 1.372 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

Tgt Ion: 84 Resp: 35961

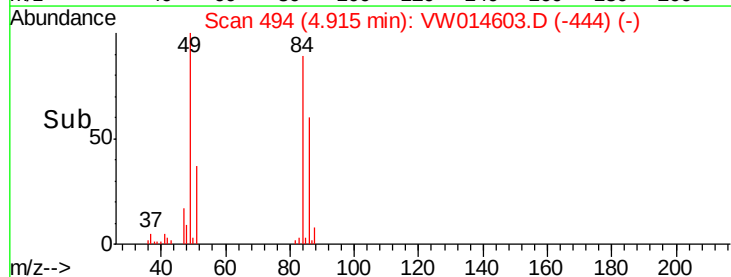
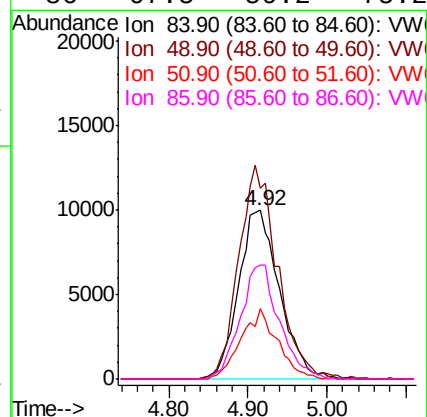
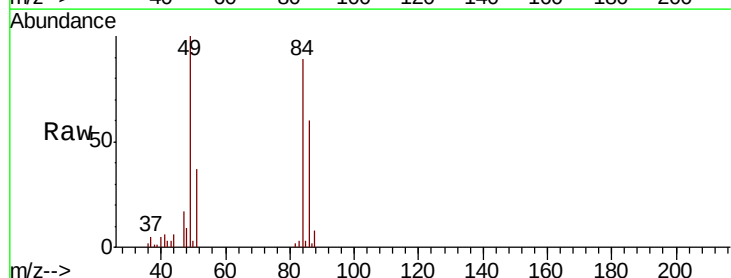
Ion Ratio Lower Upper

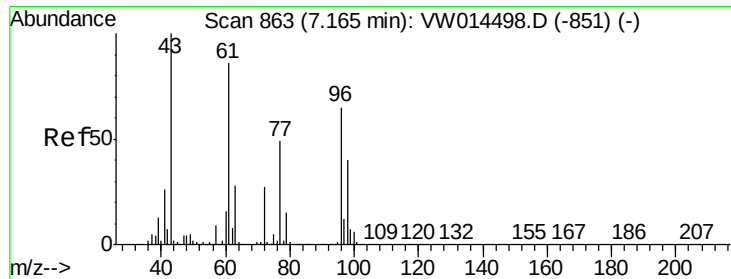
84 100

49 113.0 94.4 141.6

51 42.1 29.5 44.3

86 67.5 50.2 75.2

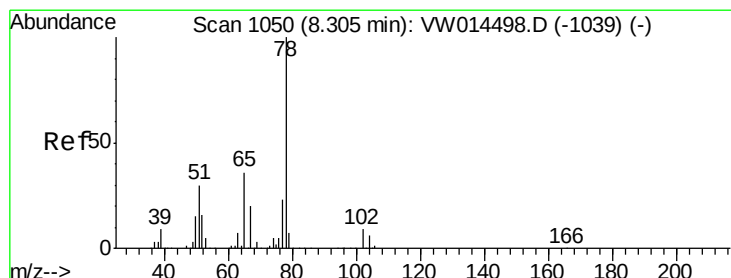
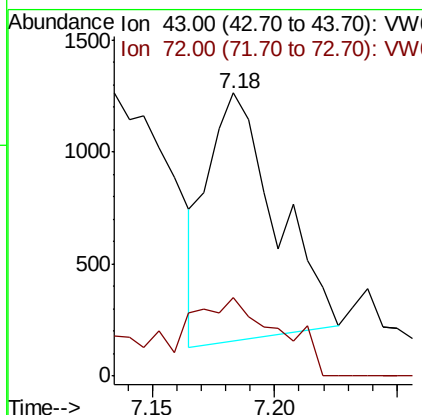
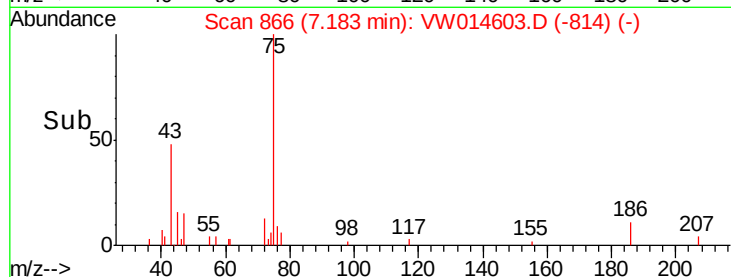
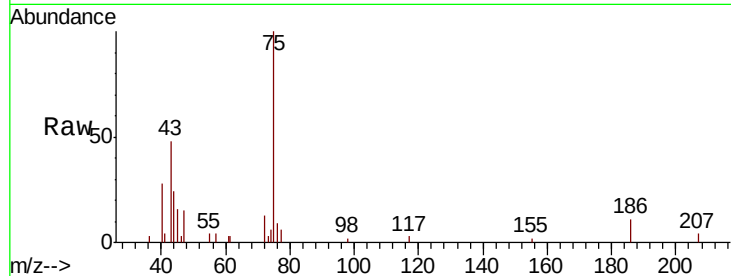




#25
 2-Butanone
 Concen: 1.085 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.02 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

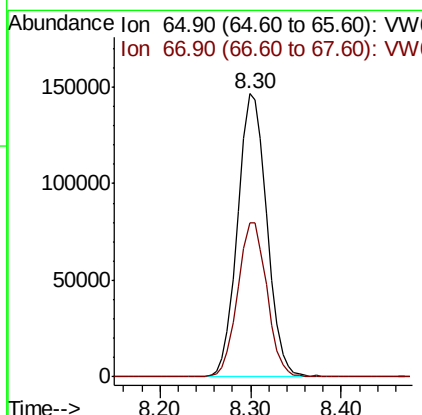
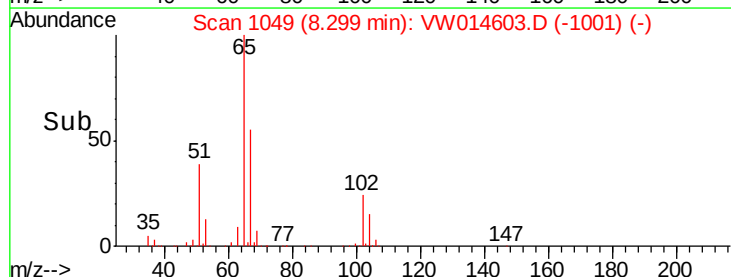
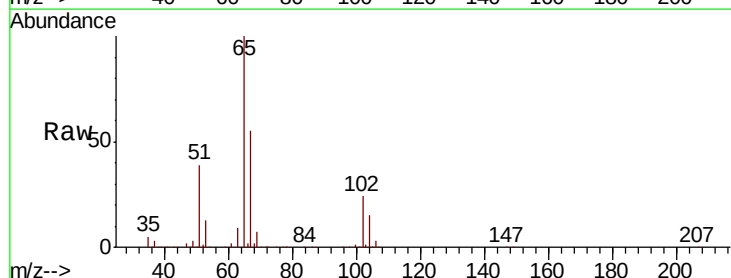
Instrument :
 MSVOA_W
 ClientSampled :
 AF-3

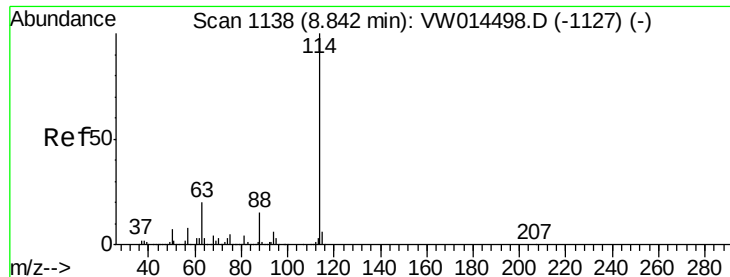
Tot Ion: 43 Resp: 2146
 Ion Ratio Lower Upper
 43 100
 72 33.9 21.9 32.9#



#33
 1,2-Dichloroethane-d4
 Concen: 59.985 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

Tgt Ion: 65 Resp: 327556
 Ion Ratio Lower Upper
 65 100
 67 54.5 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: VW014603.D

Acq: 10 Jan 2020 16:51

Instrument :

MSVOA_W

ClientSampleId :

AF-3

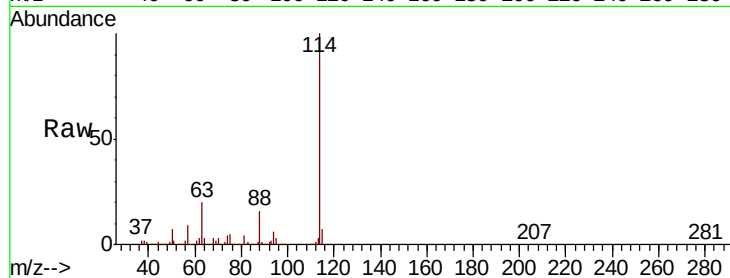
Tot Ion:114 Resp: 963602

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

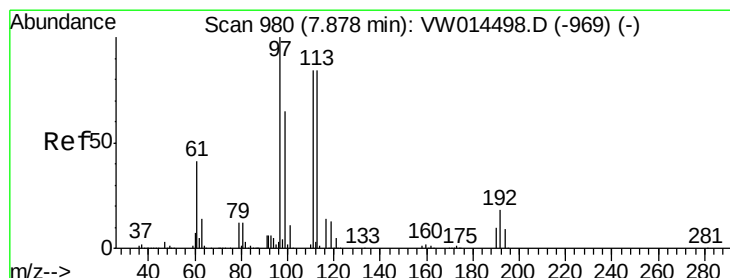
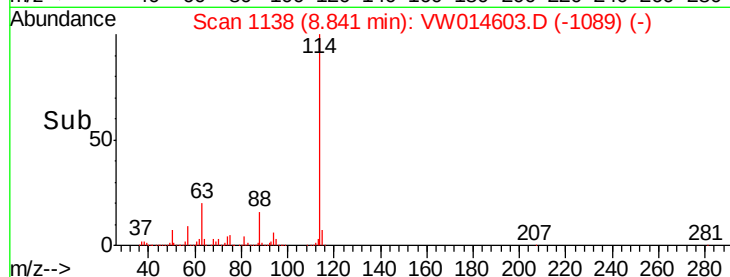
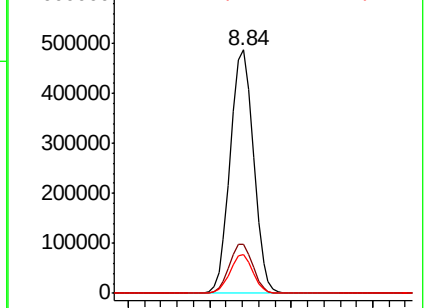
88 16.0 0.0 30.6



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: 60.180 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

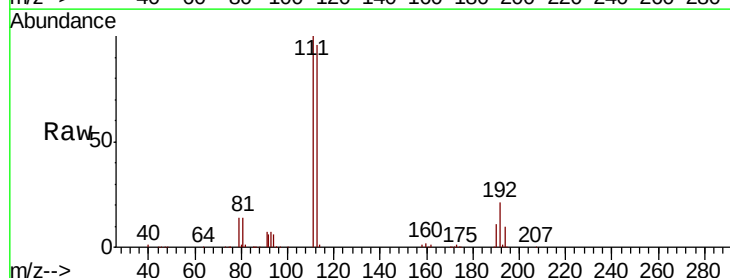
Tgt Ion:113 Resp: 331419

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

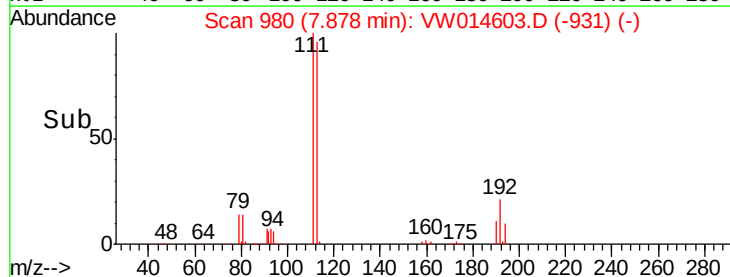
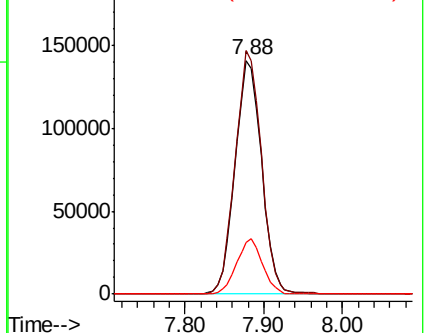
192 23.0 17.8 26.8

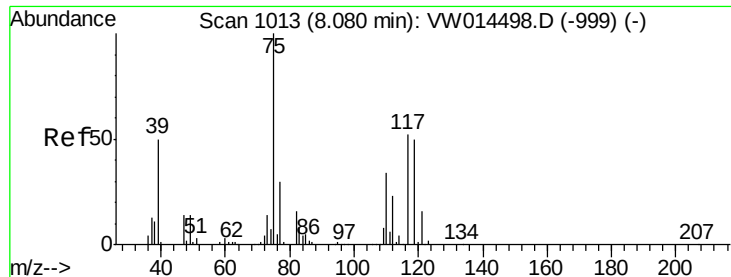


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

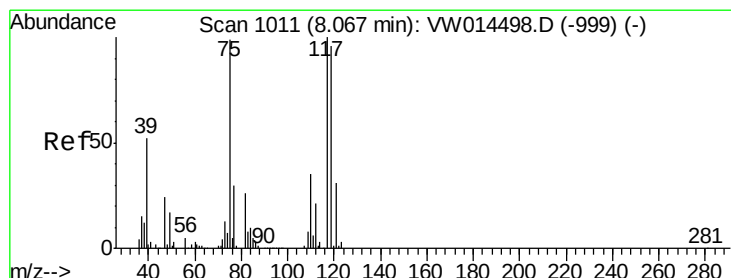
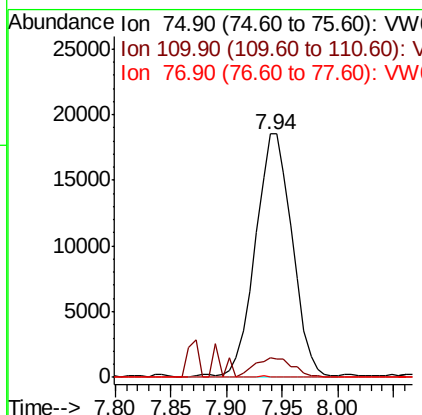
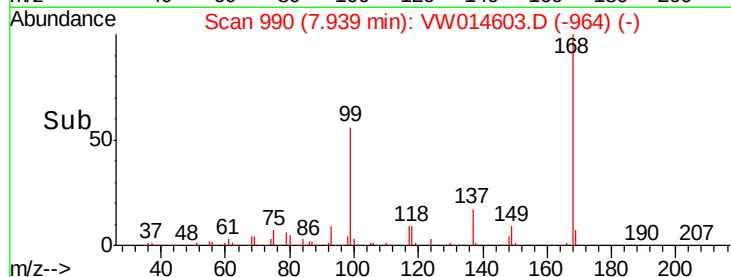
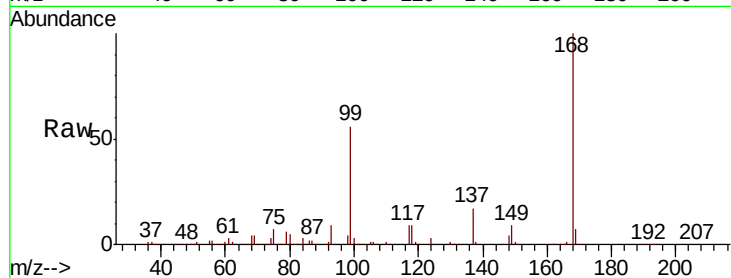




#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

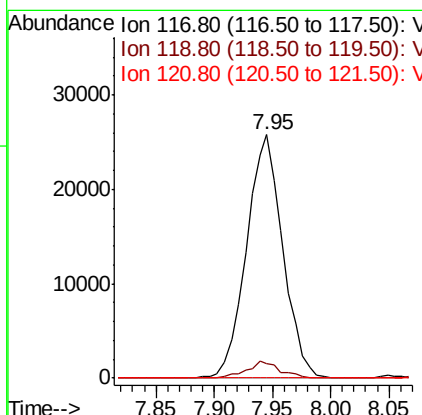
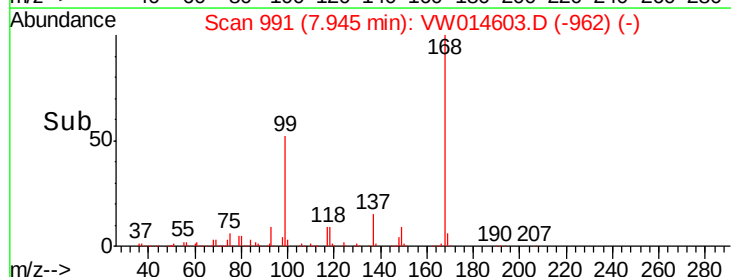
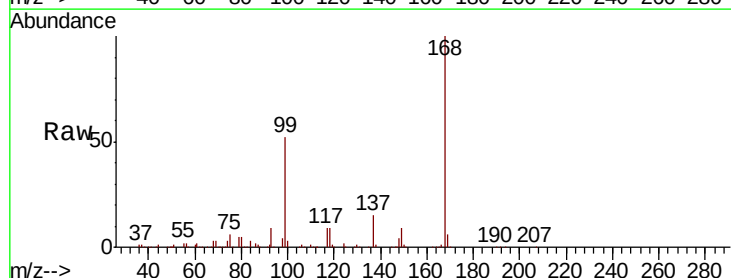
Instrument :
 MSVOA_W
 ClientSampled :
 AF-3

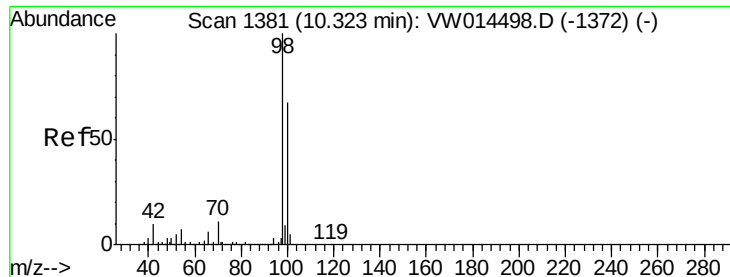
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.906 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.0	115.6#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 52.373 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

Instrument :

MSVOA_W

ClientSampled :

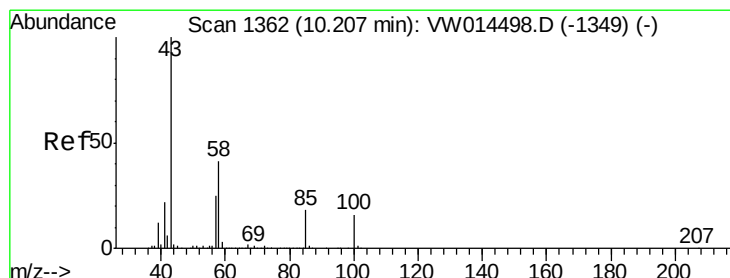
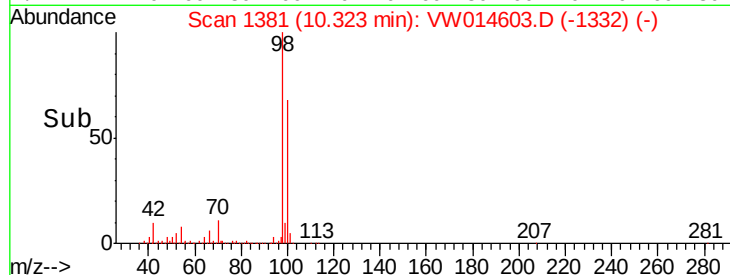
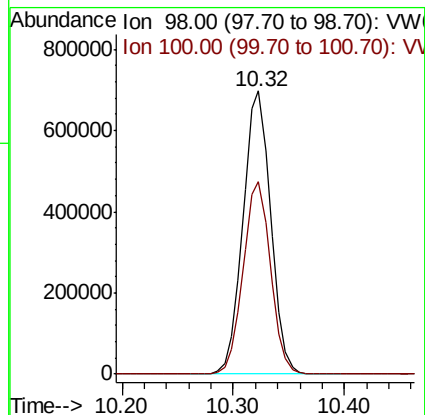
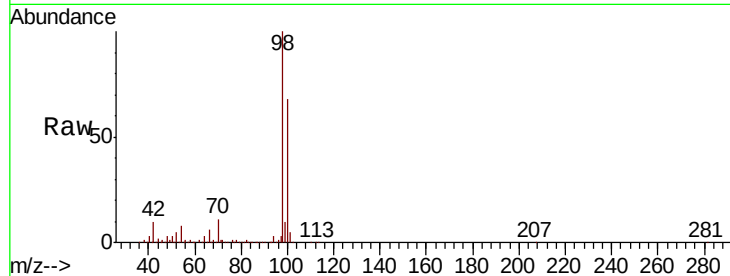
AF-3

Tot Ion: 98 Resp: 1203685

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 1.228 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW014603.D

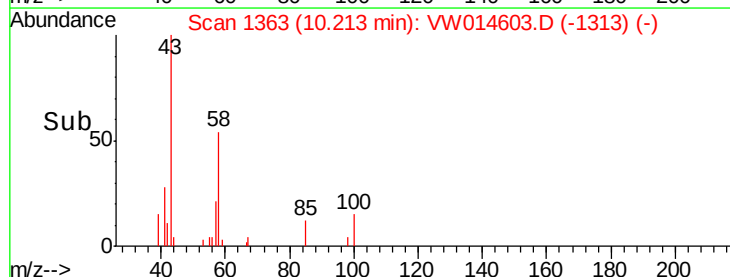
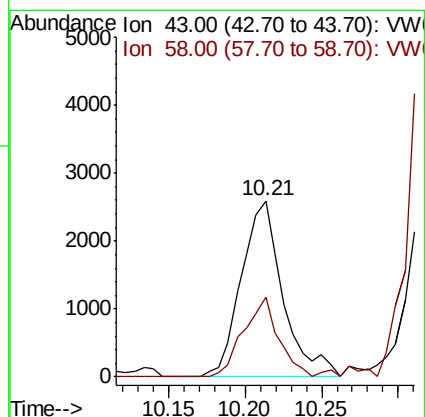
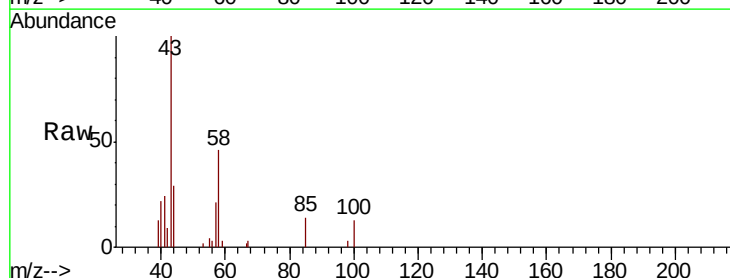
Acq: 10 Jan 2020 16:51

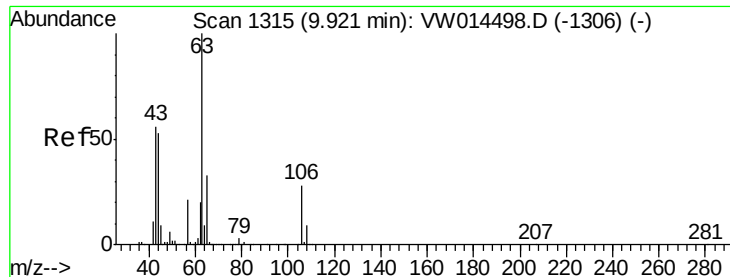
Tgt Ion: 43 Resp: 4877

Ion Ratio Lower Upper

43 100

58 38.1 32.7 49.1

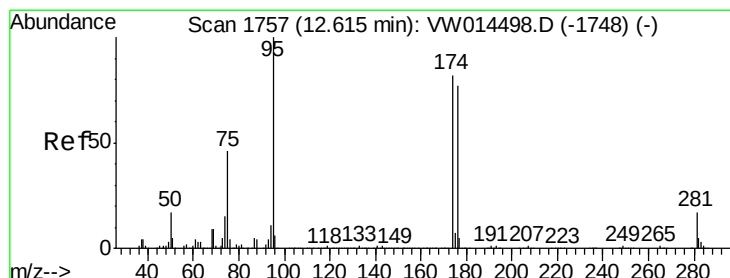
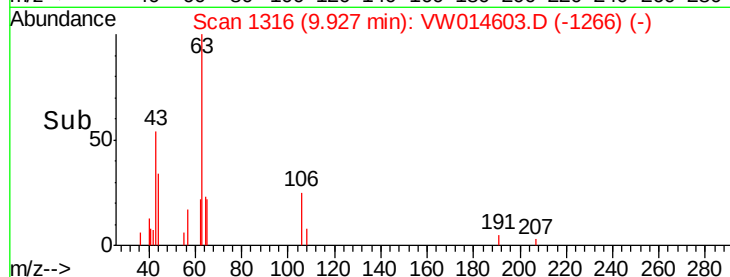
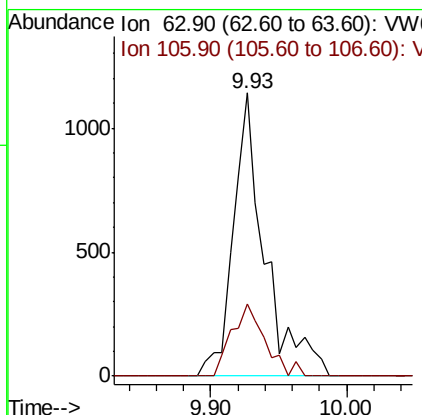
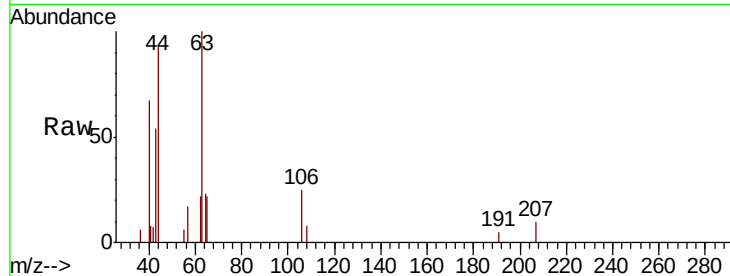




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.002 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

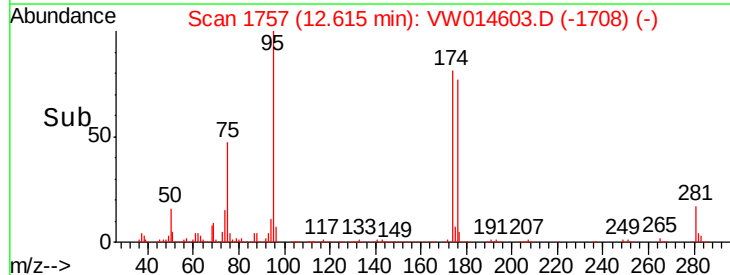
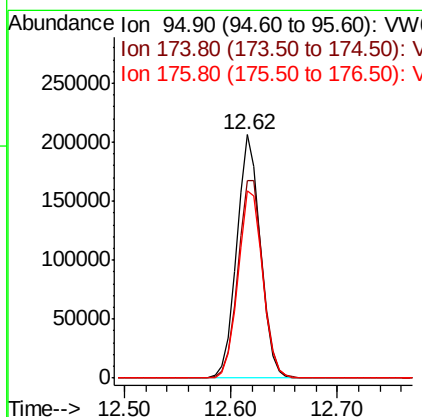
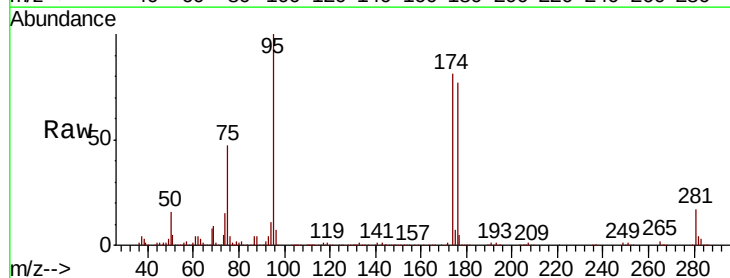
Instrument :
 MSVOA_W
 ClientSampleId :
 AF-3

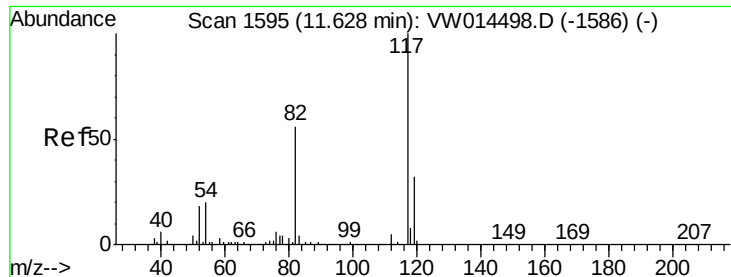
Tot Ion: 63 Resp: 1842
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.0 34.6



#62
 4-Bromofluorobenzene
 Concen: 41.263 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014603.D
 Acq: 10 Jan 2020 16:51

Tgt Ion: 95 Resp: 321663
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 168.6
 176 80.3 0.0 162.0

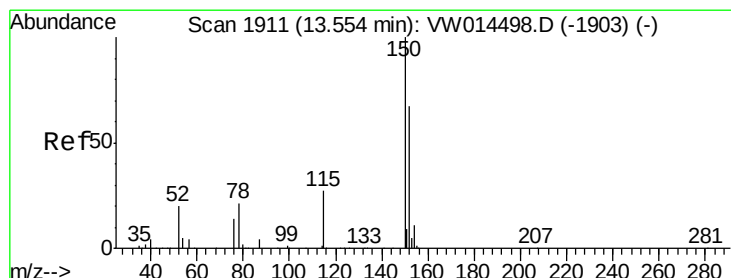
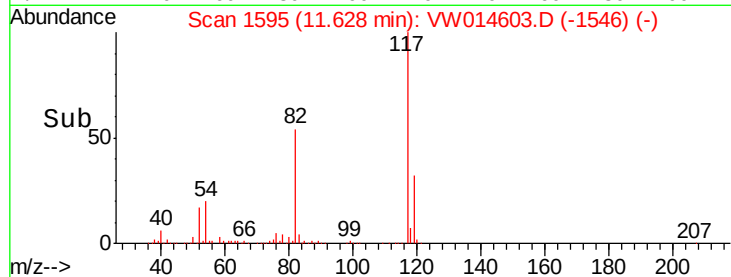
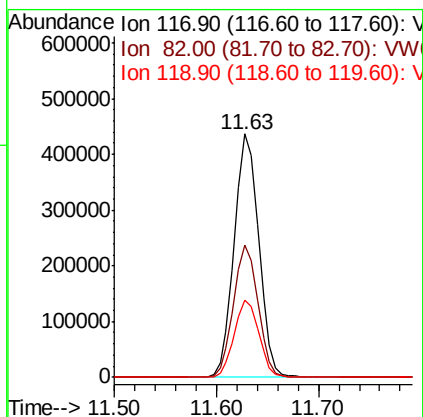
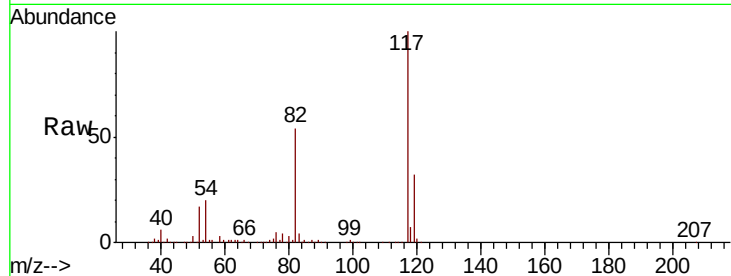




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014603.D
Acq: 10 Jan 2020 16:51

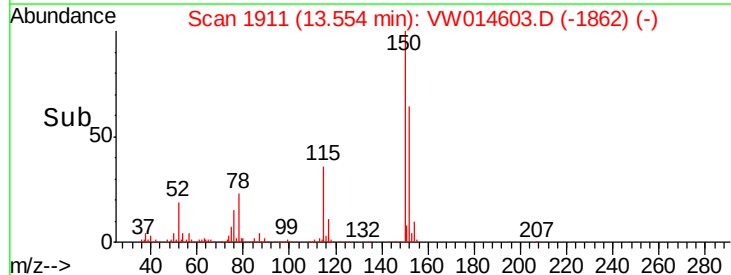
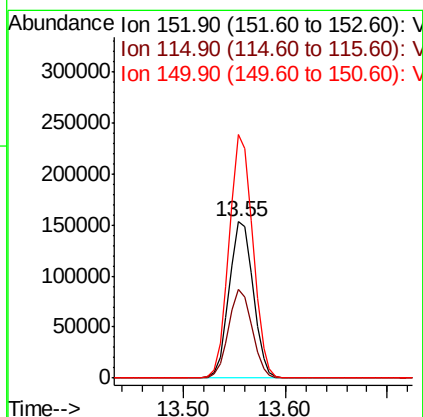
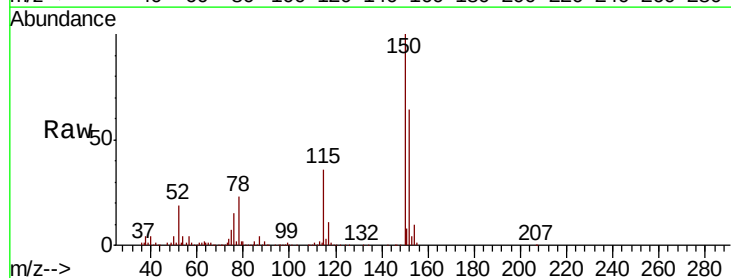
Instrument :
MSVOA_W
ClientSampled :
AF-3

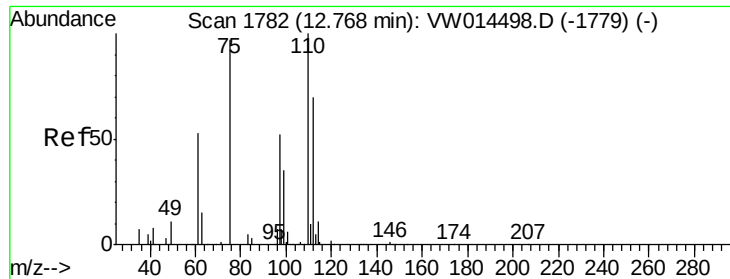
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	67.0
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014603.D
Acq: 10 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.7	83.1
150	153.1	0.0	343.4





#76

1,2,3-Trichloropropane

Concen: 63.893 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

Instrument :

MSVOA_W

ClientSampled :

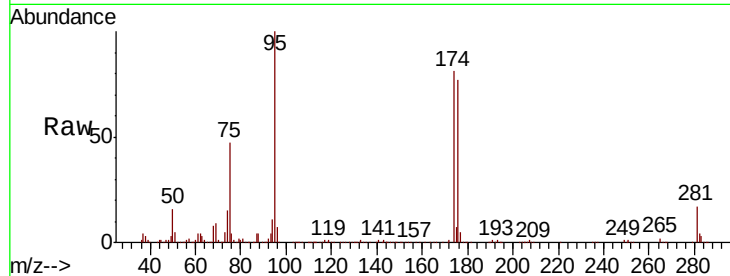
AF-3

Tot Ion: 75 Resp: 150951

Ion Ratio Lower Upper

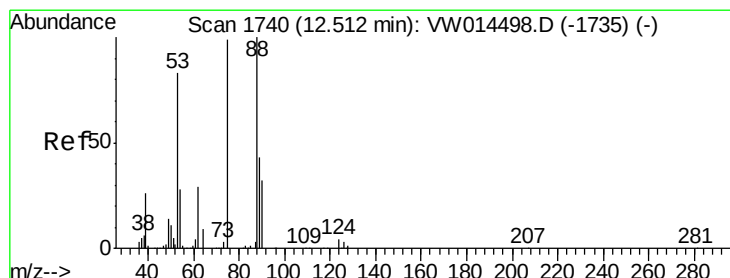
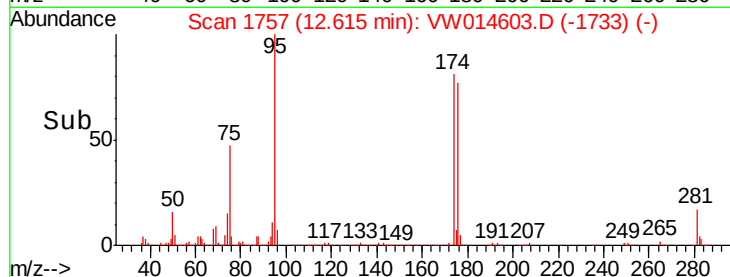
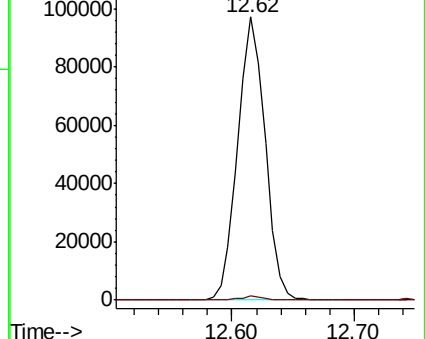
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 142.357 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014603.D

Acq: 10 Jan 2020 16:51

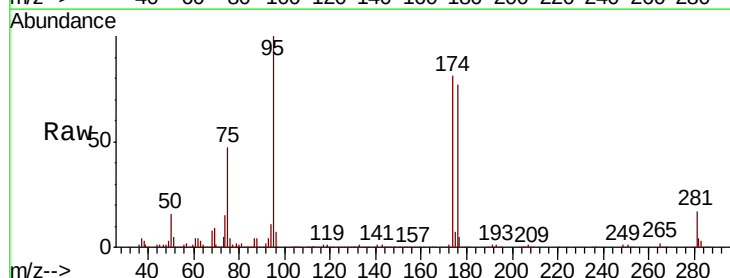
Tgt Ion: 75 Resp: 150951

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

89 0.2 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

