

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014604.D
 Acq On : 10 Jan 2020 17:17
 Operator : SY/VA
 Sample : L1051-07
 Misc : 8.02G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3G-(11-13)

Quant Time: Jan 11 04:00:20 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

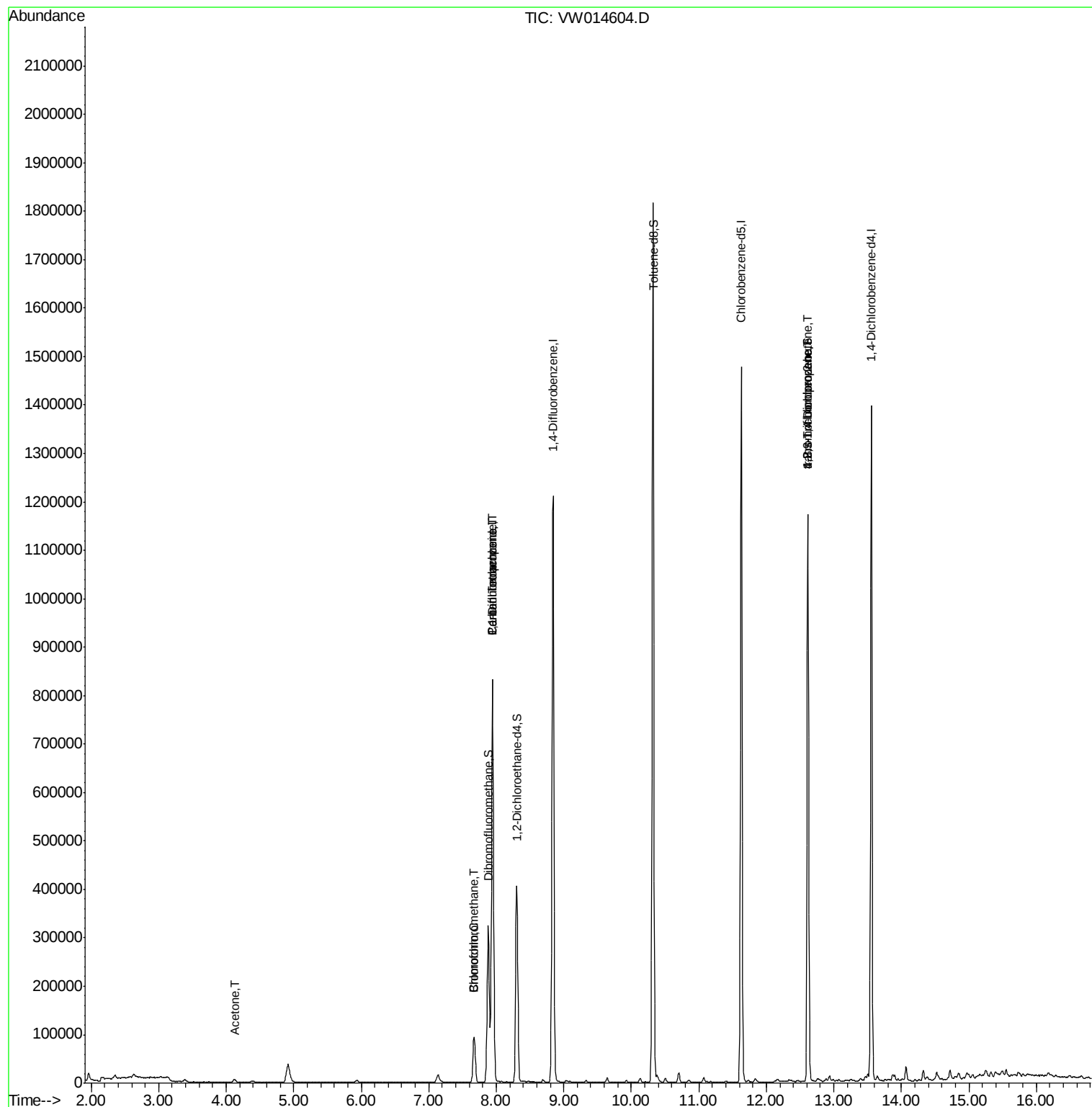
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	661213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1049613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	870345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	384244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	317029	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	7.88	113	242035	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
50) Toluene-d8	10.32	98	1238401	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	386991	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	1123	Below Cal	#	73
16) Acetone	4.12	43	11426	7.000	ug/l	96
28) Bromochloromethane	7.68	49	6717	1.443	ug/l #	11
30) Chloroform	7.67	83	93826	8.451	ug/l	97
36) 1,1-Dichloropropene	7.95	75	45464	4.493	ug/l #	49
38) Carbon Tetrachloride	7.95	117	58195	6.629	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	182416	50.211	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	182416	111.873	ug/l #	14

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

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Quant Time: Jan 11 04:00:20 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: VW014604.D

Acq: 10 Jan 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

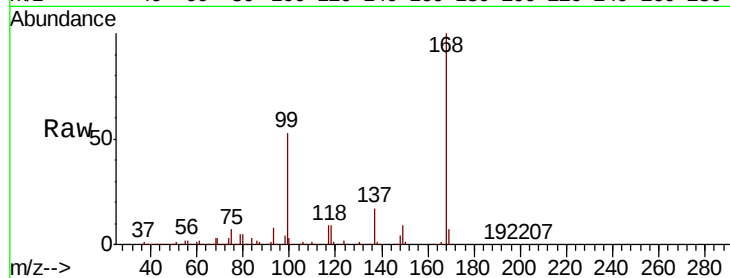
SB-3G-(11-13)

Tot Ion:168 Resp: 661213

Ion Ratio Lower Upper

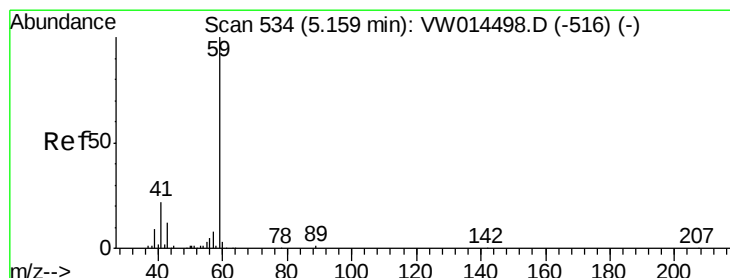
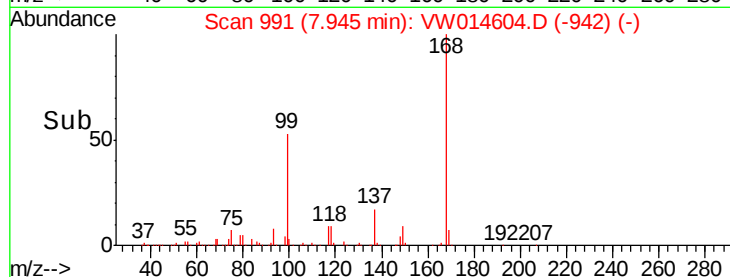
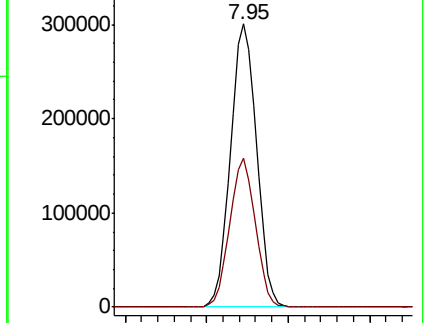
168 100

99 52.8 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: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014604.D

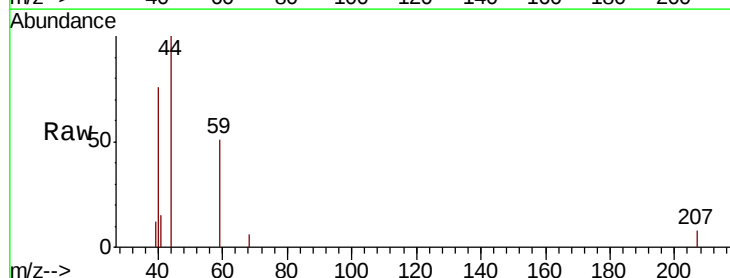
Acq: 10 Jan 2020 17:17

Tgt Ion: 59 Resp: 1123

Ion Ratio Lower Upper

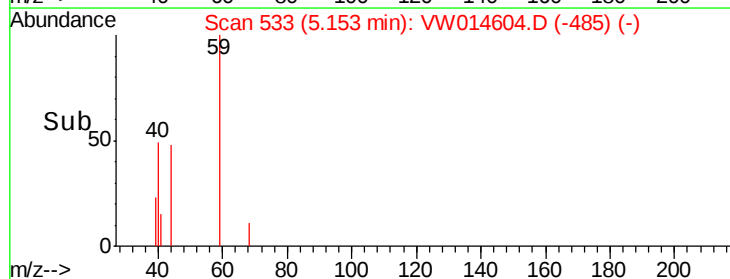
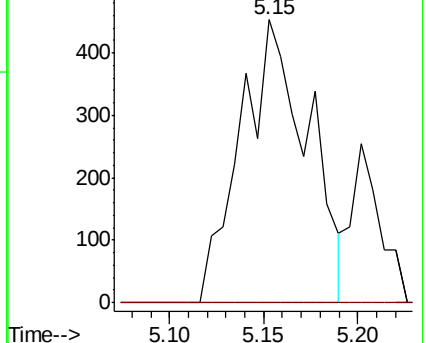
59 100

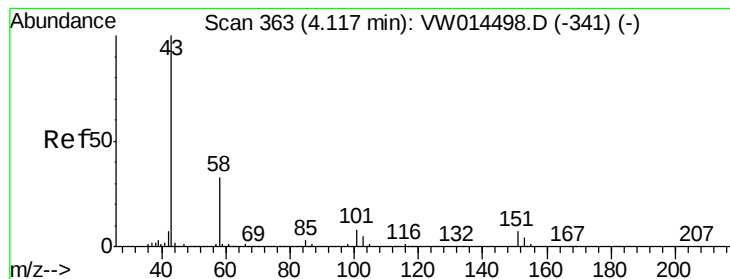
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.000 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

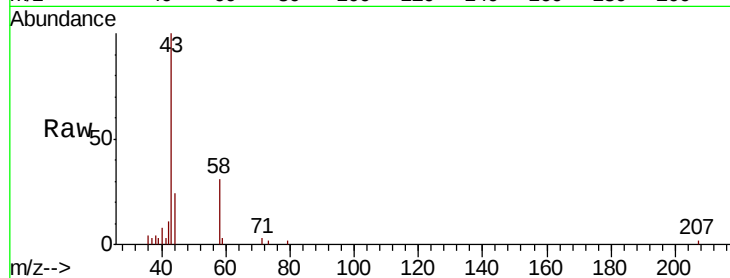
SB-3G-(11-13)

Tot Ion: 43 Resp: 11426

Ion Ratio Lower Upper

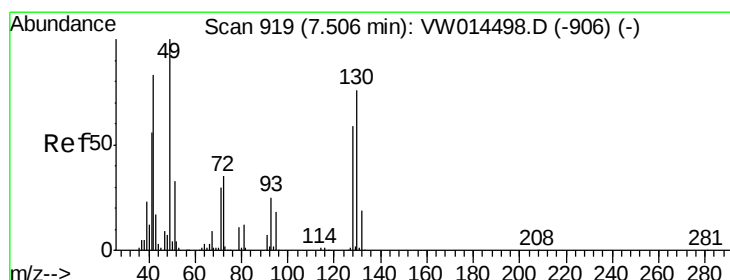
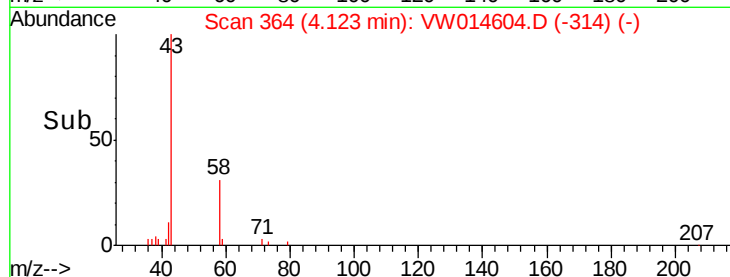
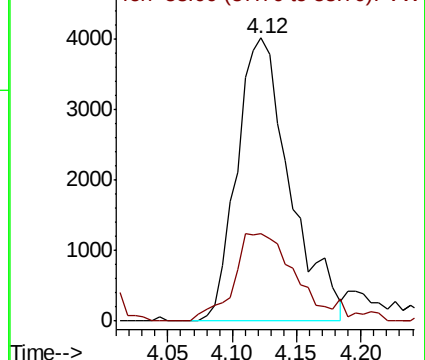
43 100

58 31.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#28

Bromochloromethane

Concen: 1.443 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.17 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

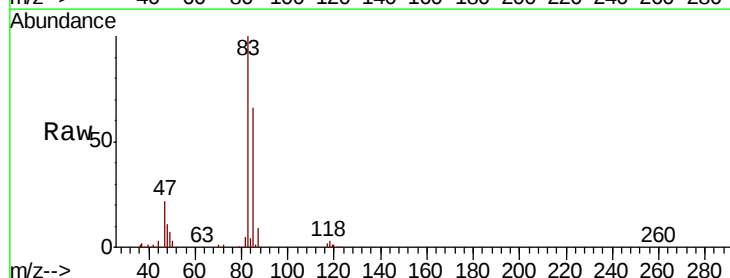
Tgt Ion: 49 Resp: 6717

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.0

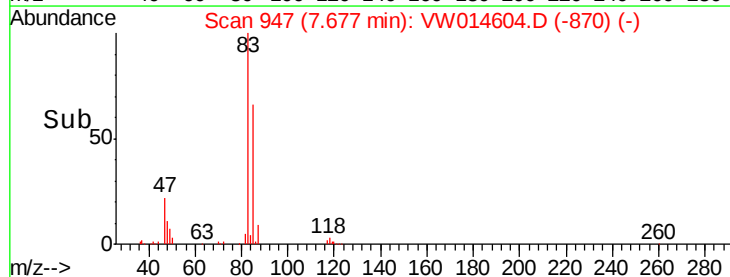
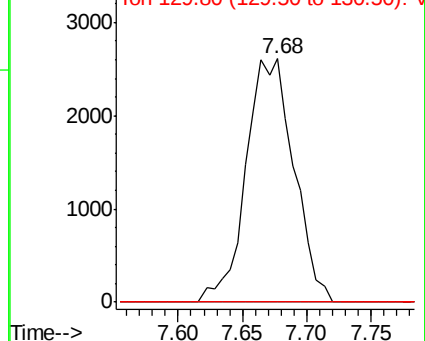
130 0.0 62.5 93.7#

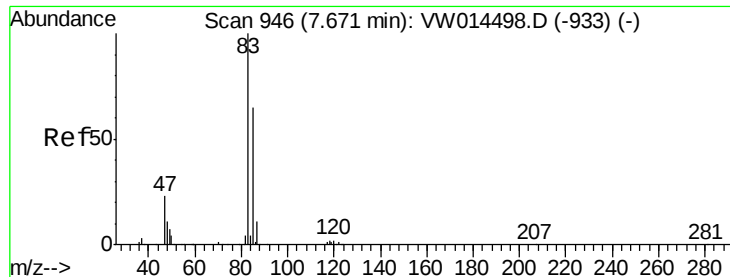


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

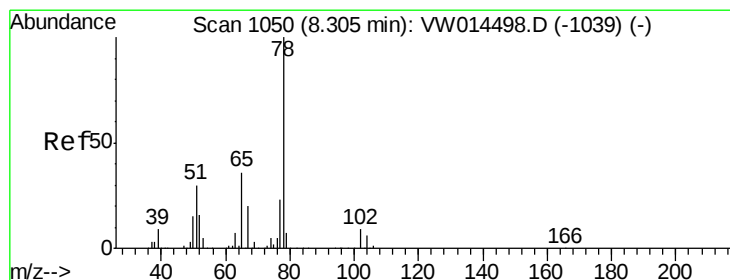
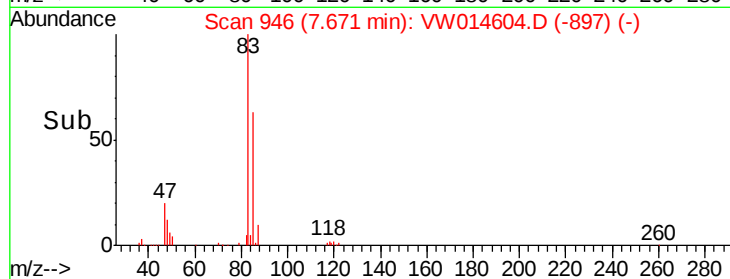
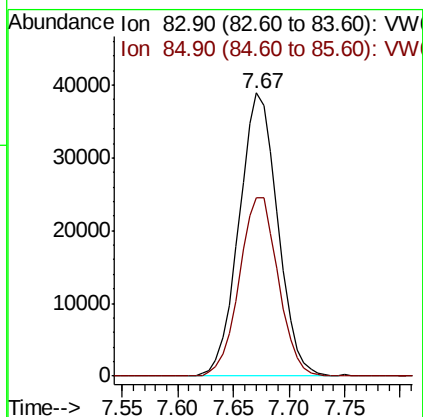
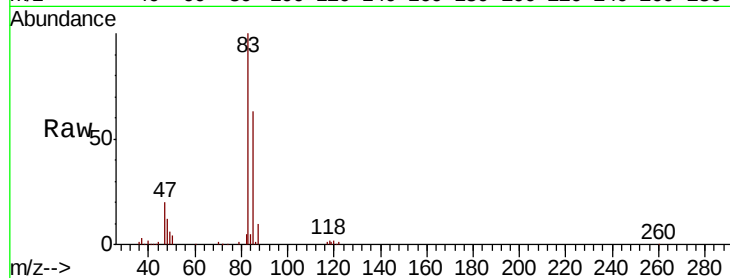




#30
Chloroform
Concen: 8.451 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014604.D
Acq: 10 Jan 2020 17:17

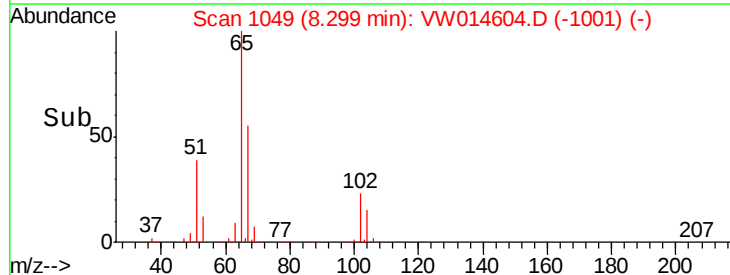
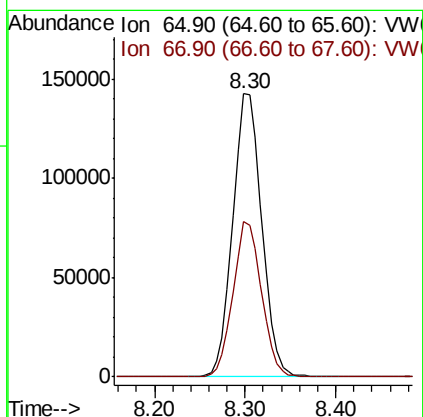
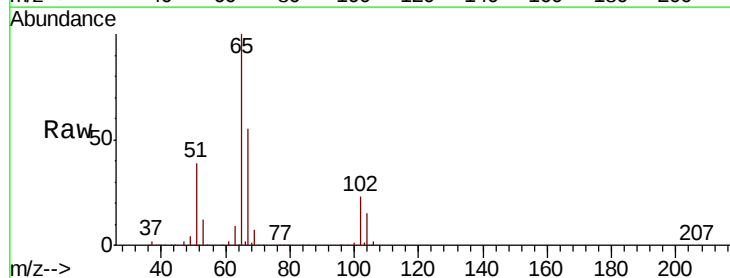
Instrument :
MSVOA_W
ClientSampleId :
SB-3G-(11-13)

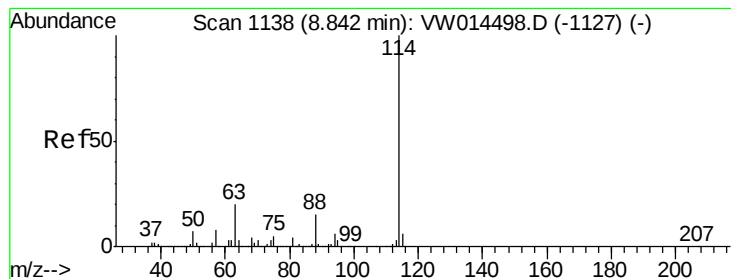
Tot Ion: 83 Resp: 93826
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 54.839 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014604.D
Acq: 10 Jan 2020 17:17

Tgt Ion: 65 Resp: 317029
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: VW014604.D

Acq: 10 Jan 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

SB-3G-(11-13)

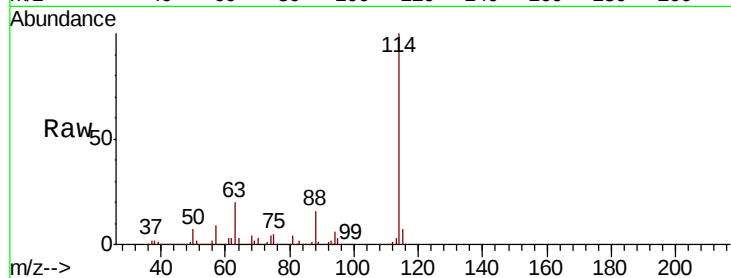
Tot Ion:114 Resp: 1049613

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

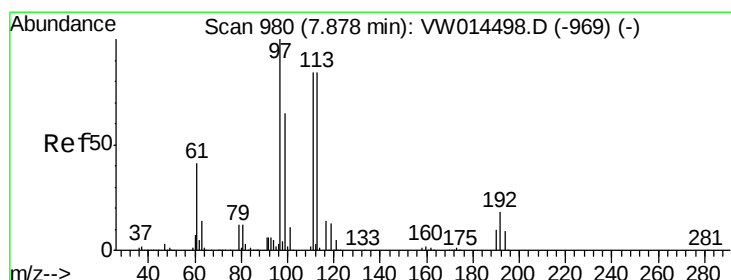
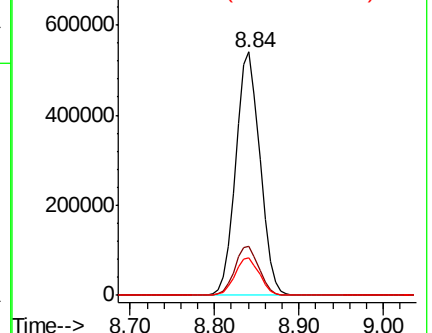
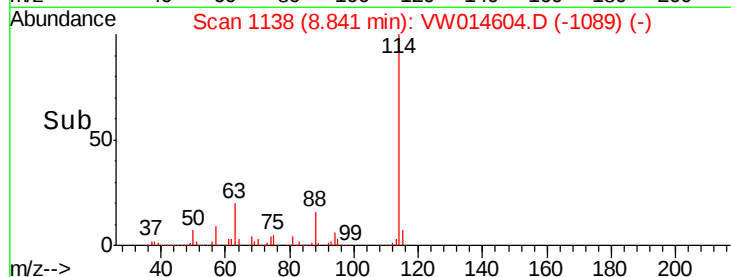
88 15.7 0.0 30.6



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: 40.348 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

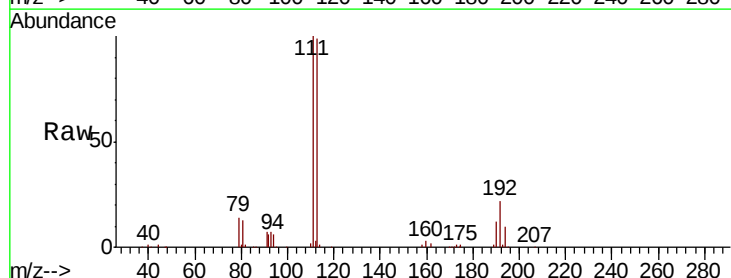
Tgt Ion:113 Resp: 242035

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

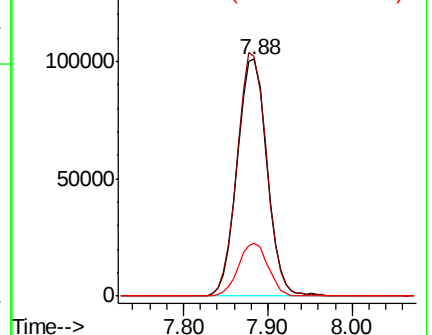
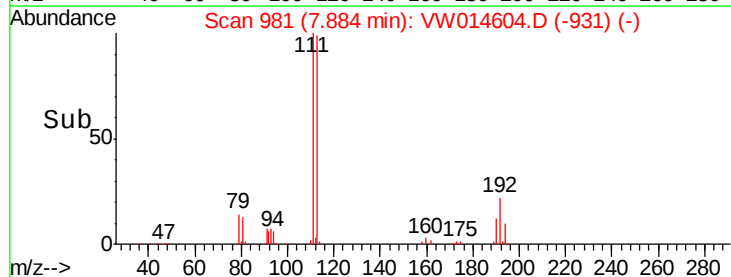
192 22.2 17.8 26.8

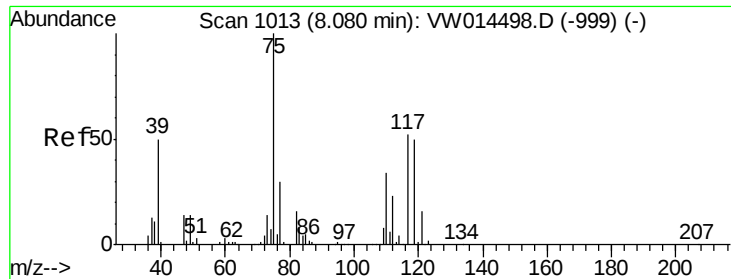


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

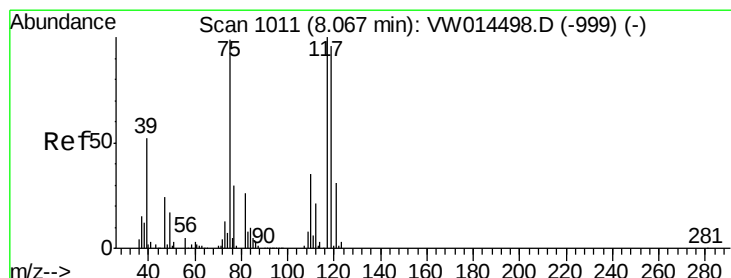
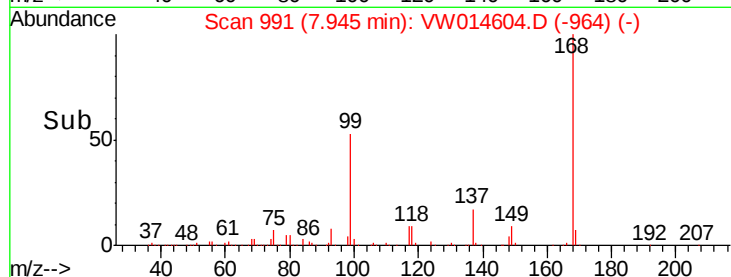
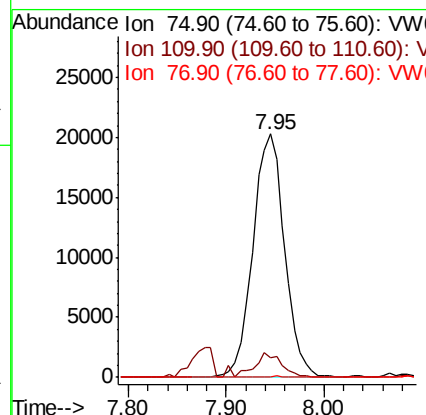
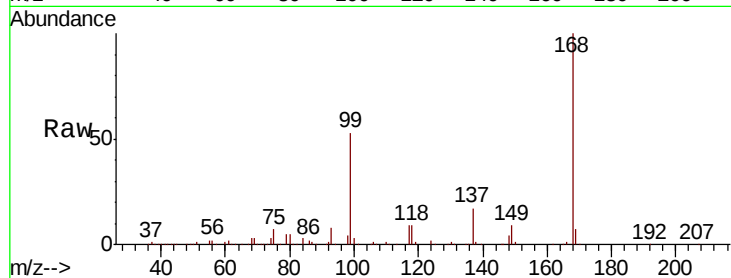




#36
 1,1-Dichloropropene
 Concen: 4.493 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014604.D
 Acq: 10 Jan 2020 17:17

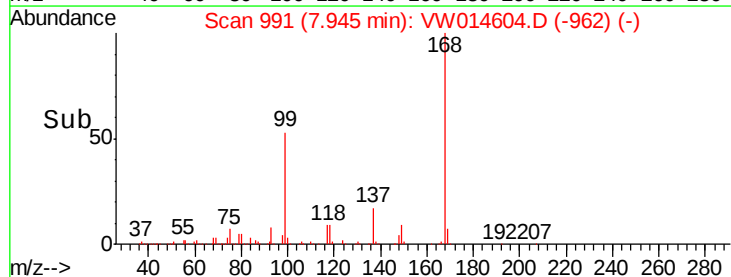
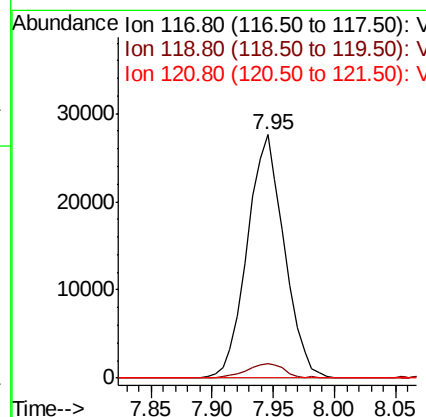
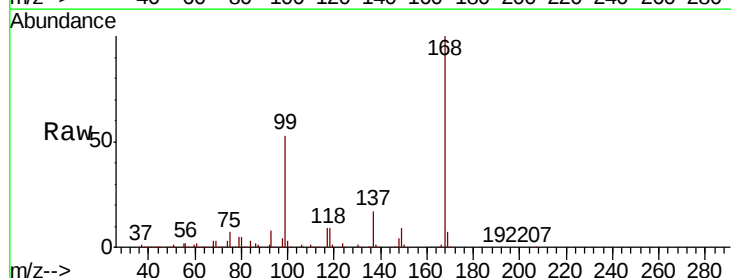
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-3G-(11-13)

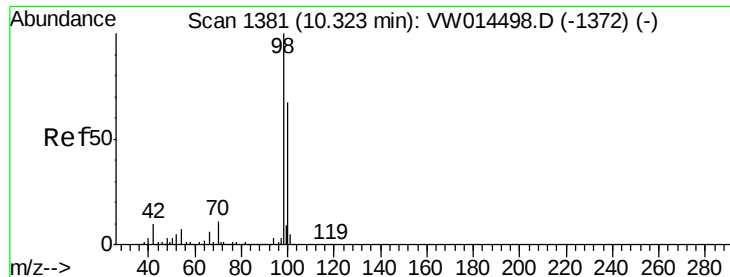
Tot Ion	75	Resp	45464
Ion Ratio	Lower	Upper	
75	100		
110	8.6	17.8	53.5#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.629 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014604.D
 Acq: 10 Jan 2020 17:17

Tgt Ion	117	Resp	58195
Ion Ratio	Lower	Upper	
117	100		
119	5.5	77.0	115.6#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 49.468 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

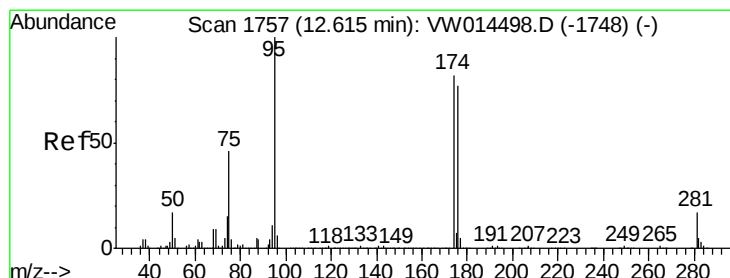
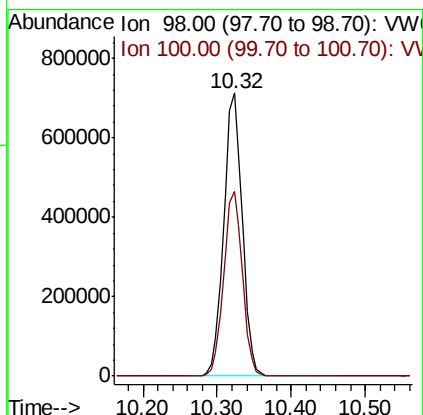
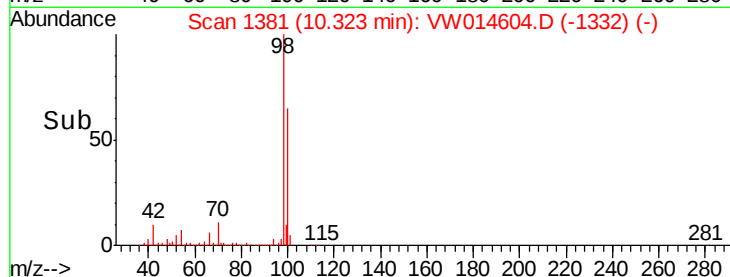
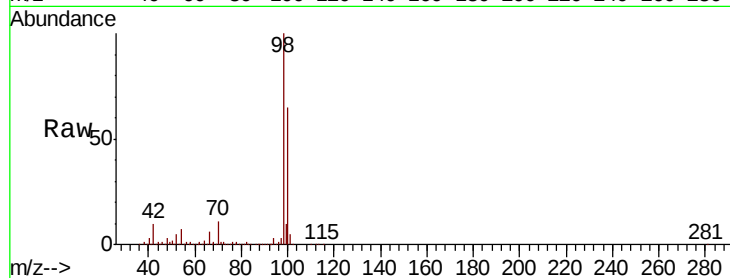
SB-3G-(11-13)

Tot Ion: 98 Resp: 1238401

Ion Ratio Lower Upper

98 100

100 65.7 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 45.575 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

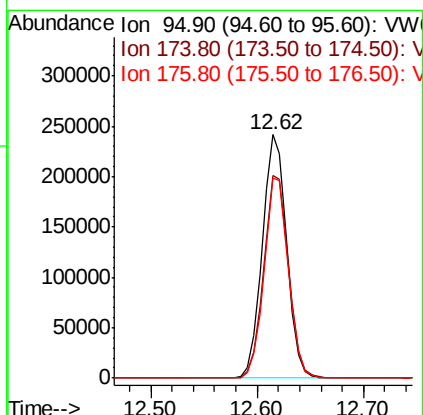
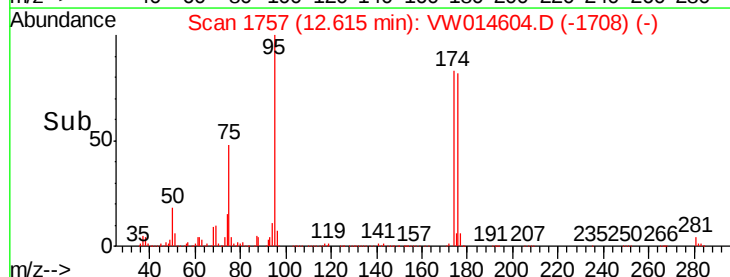
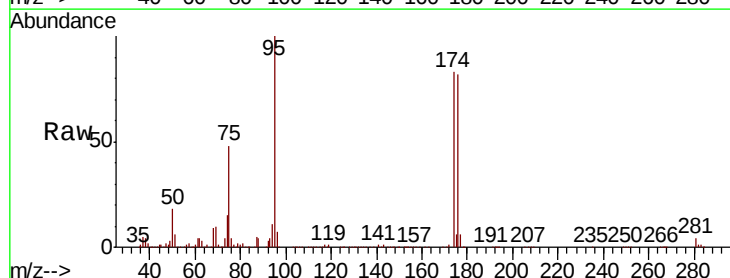
Tgt Ion: 95 Resp: 386991

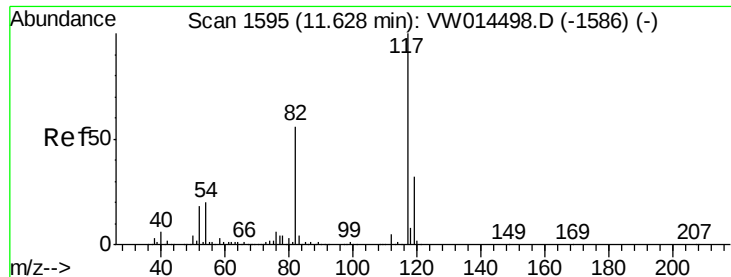
Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.6

176 82.0 0.0 162.0

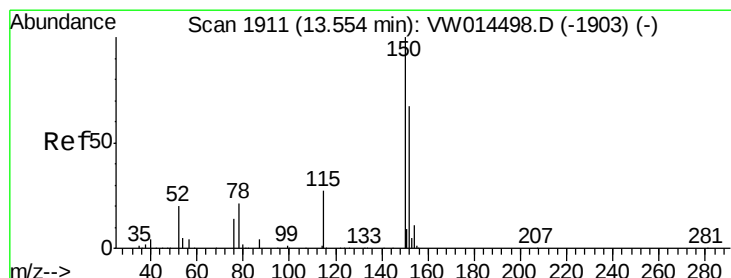
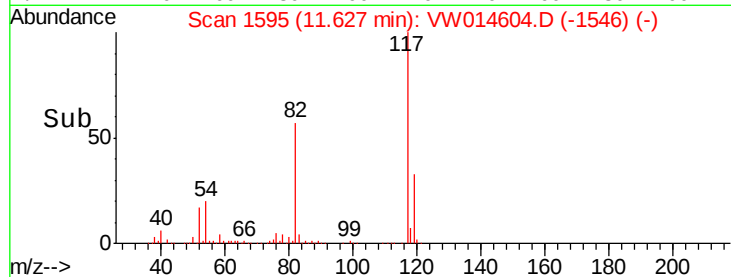
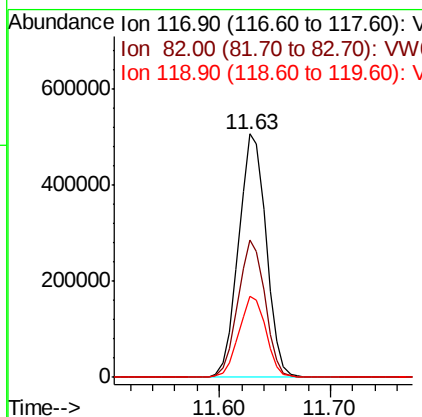
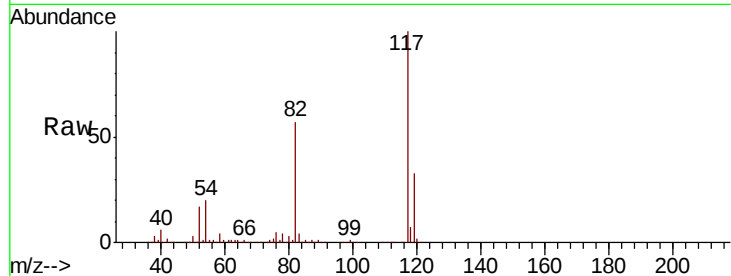




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014604.D
Acq: 10 Jan 2020 17:17

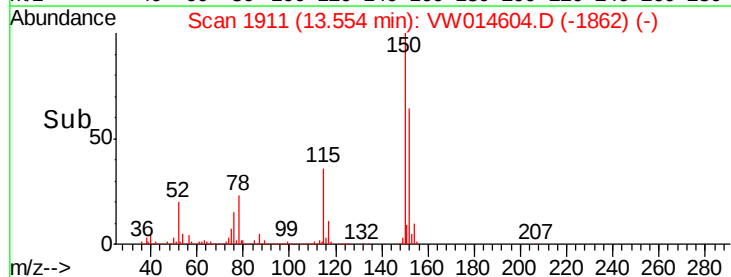
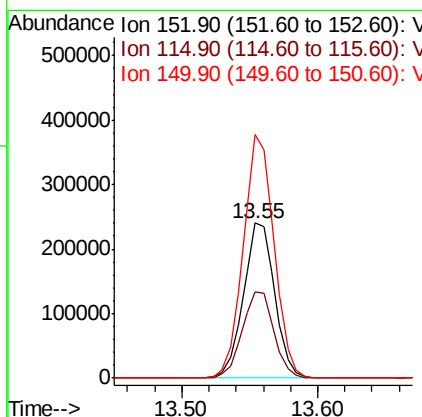
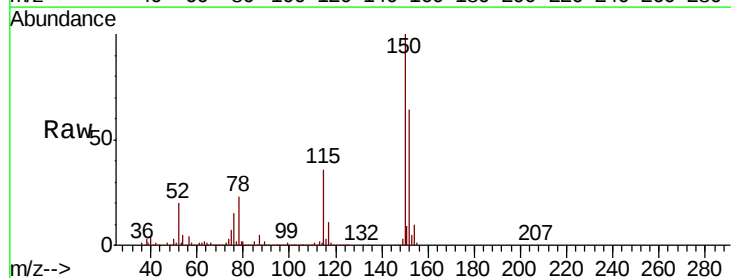
Instrument :
MSVOA_W
ClientSampleId :
SB-3G-(11-13)

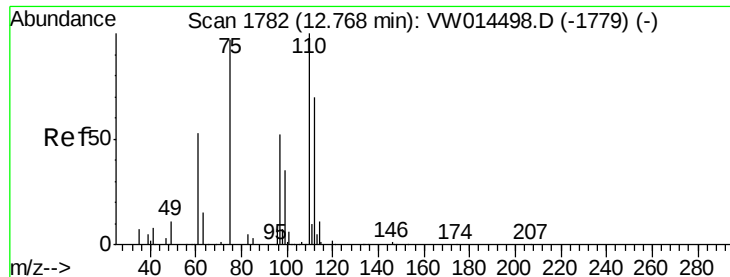
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	67.0
119	33.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014604.D
Acq: 10 Jan 2020 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.7	83.1
150	155.6	0.0	343.4





#76

1,2,3-Trichloropropane

Concen: 50.211 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

Instrument :

MSVOA_W

ClientSampleId :

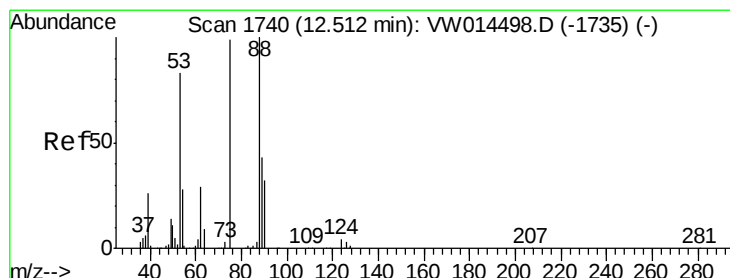
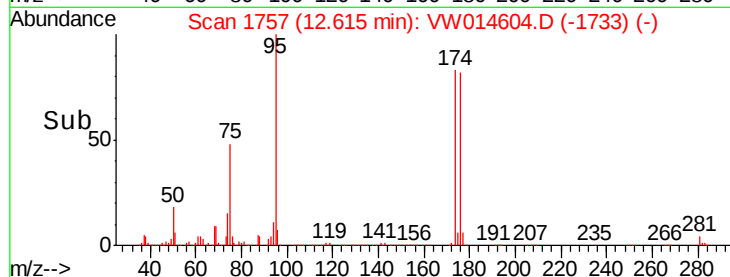
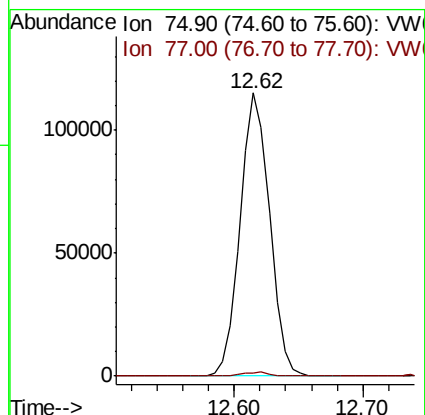
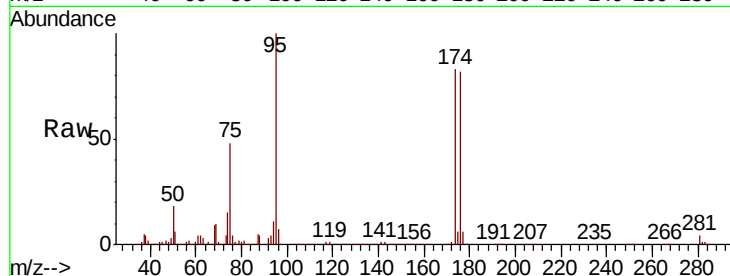
SB-3G-(11-13)

Tot Ion: 75 Resp: 182416

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.873 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014604.D

Acq: 10 Jan 2020 17:17

Tgt Ion: 75 Resp: 182416

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.0 35.8 53.8#

