

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010802.D
 Acq On : 13 Jun 2019 17:18
 Operator : SY/VA
 Sample : K3369-12
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 07:58:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98758	35.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.64%	
35) Dibromofluoromethane	7.88	113	73479	33.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.70%	
50) Toluene-d8	10.32	98	298037	31.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.62%	
62) 4-Bromofluorobenzene	12.62	95	116134	33.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.06%	

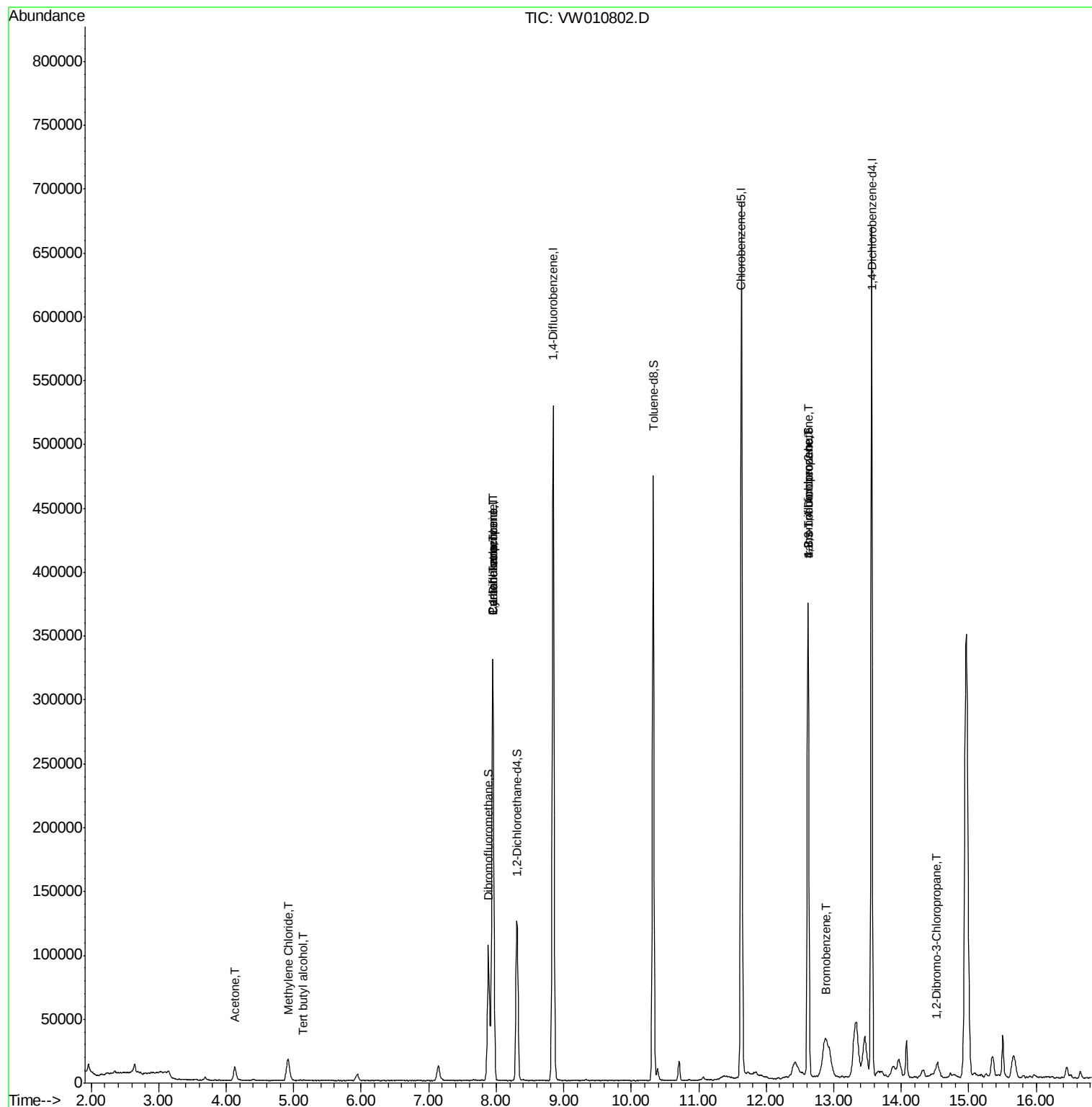
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	384	1.686	ug/l #	72
16) Acetone	4.13	43	20361	27.175	ug/l	99
20) Methylene Chloride	4.92	84	12123	4.612	ug/l	93
31) Cyclohexane	7.95	56	6452	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21235	5.187	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24194	6.846	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	62815	38.447	ug/l #	100
77) Bromobenzene	12.88	156	43926	17.212	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	62815	88.364	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.52	75	994	2.601	ug/l #	6

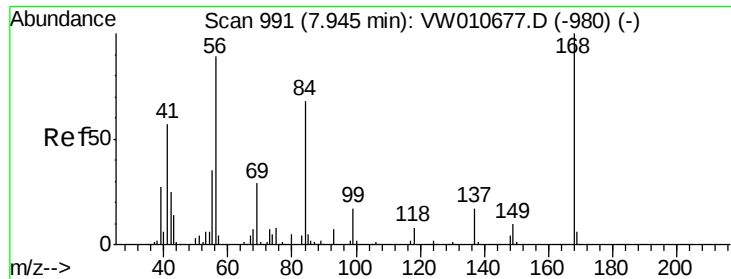
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061319\
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

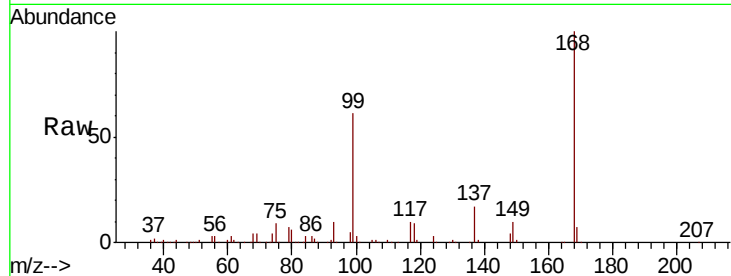
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 237243

Ion Ratio Lower Upper

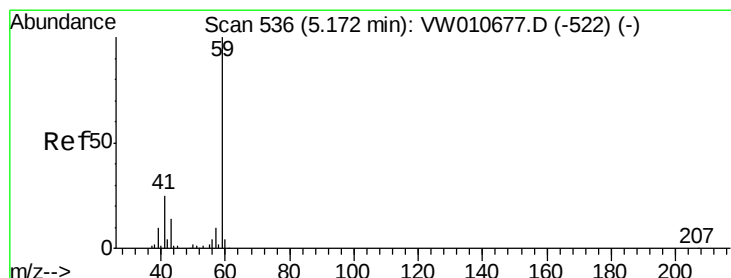
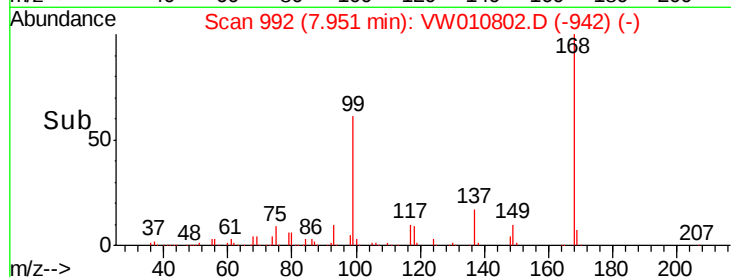
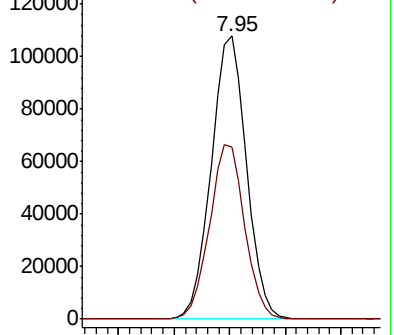
168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.686 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW010802.D

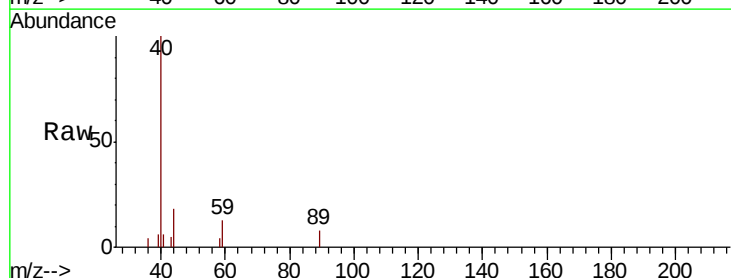
Acq: 13 Jun 2019 17:18

Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

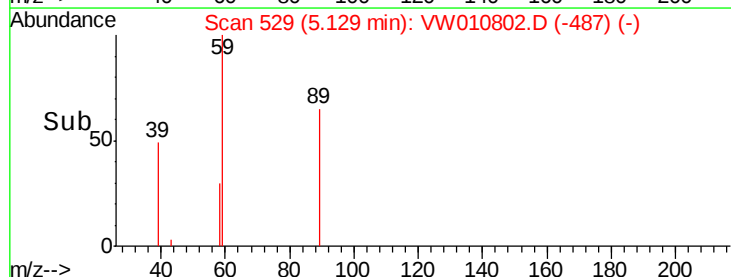
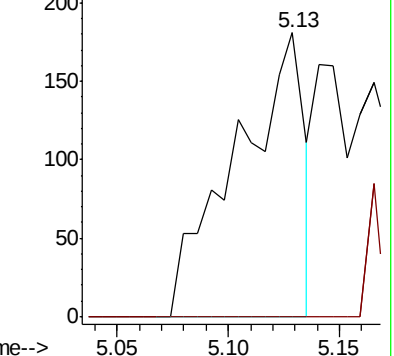
59 100

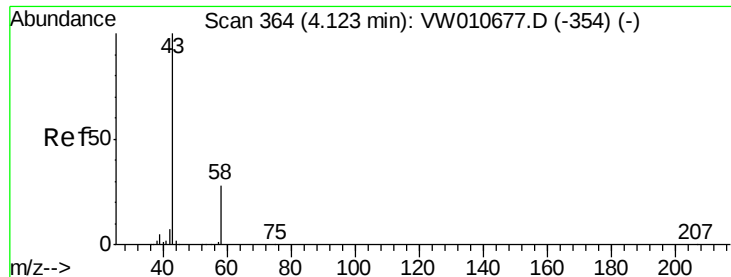
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 27.175 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Instrument :

MSVOA_W

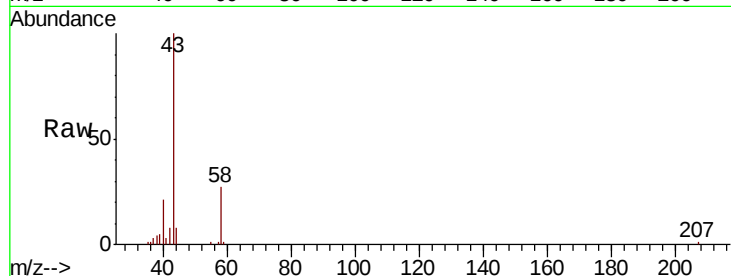
ClientSampleId :

Tot Ion: 43 Resp: 20361

Ion Ratio Lower Upper

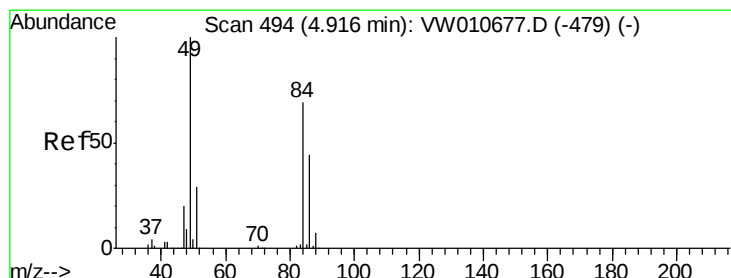
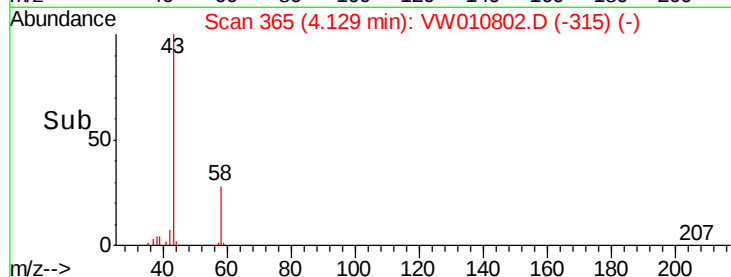
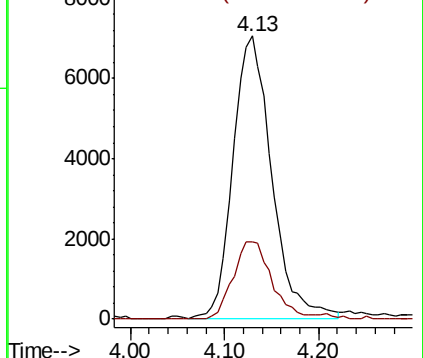
43 100

58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.612 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Tgt Ion: 84 Resp: 12123

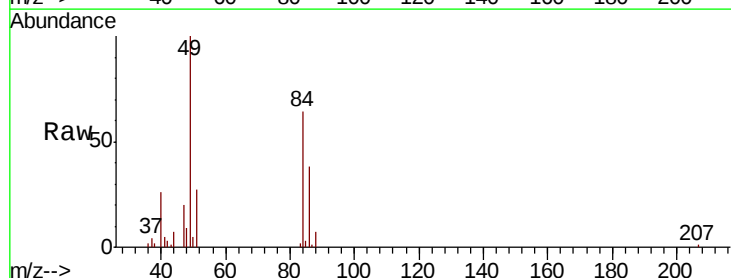
Ion Ratio Lower Upper

84 100

49 157.2 116.7 175.1

51 42.9 34.2 51.2

86 59.1 51.2 76.8

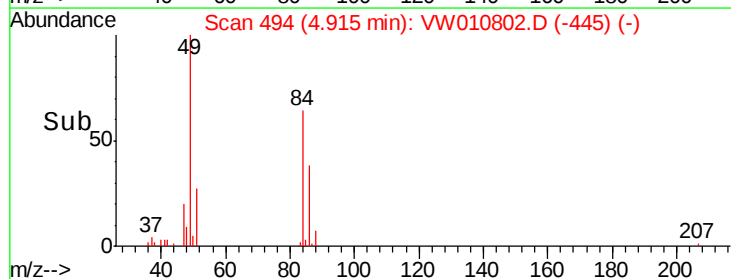
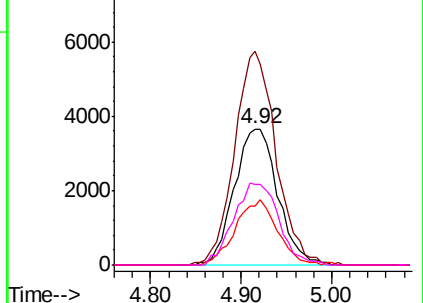


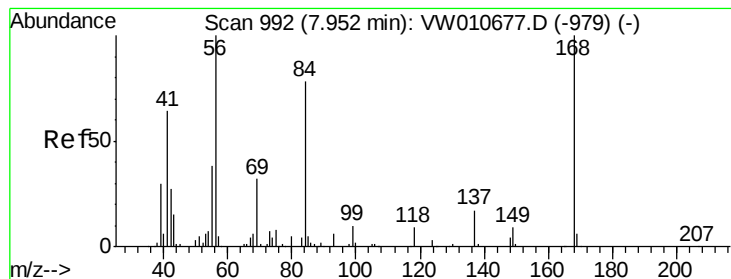
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#31

Cyclohexane

Concen: 1.144 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Instrument :
MSVOA_W
ClientSampleId :

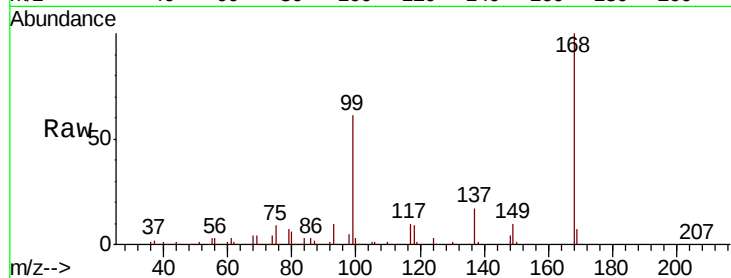
Tot Ion: 56 Resp: 6452

Ion Ratio Lower Upper

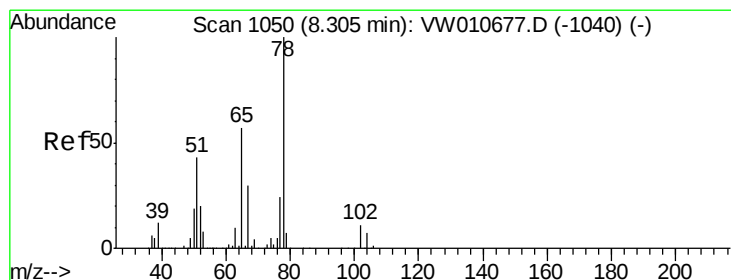
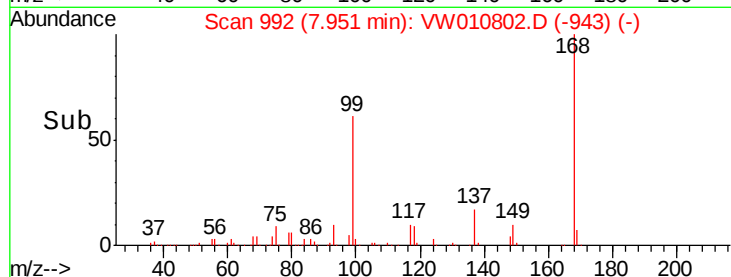
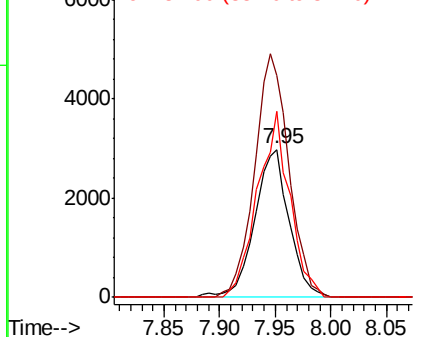
56 100

69 149.8 25.2 37.8#

84 125.8 62.2 93.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 35.317 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010802.D

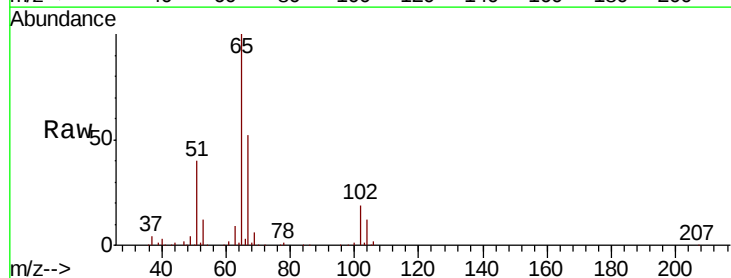
Acq: 13 Jun 2019 17:18

Tgt Ion: 65 Resp: 98758

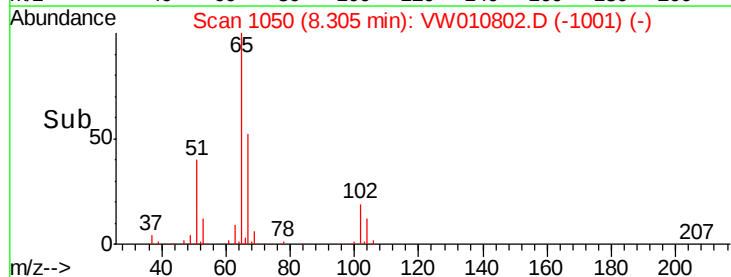
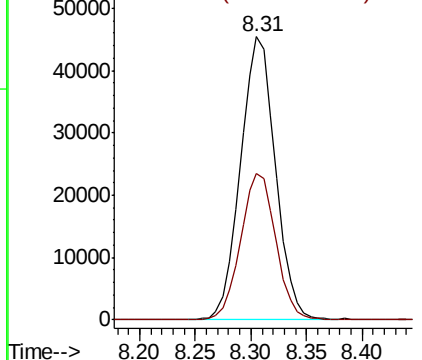
Ion Ratio Lower Upper

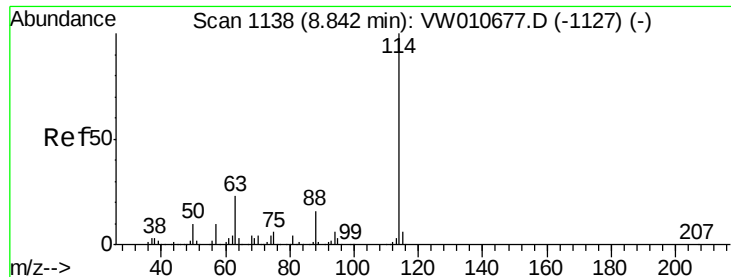
65 100

67 52.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

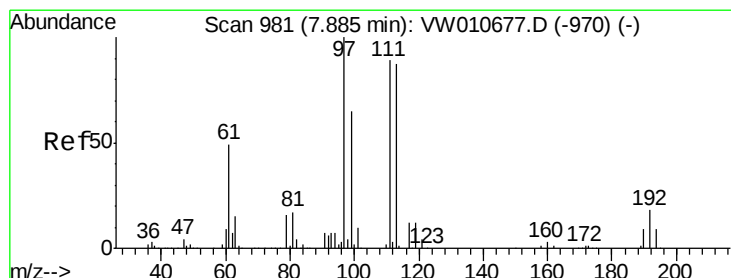
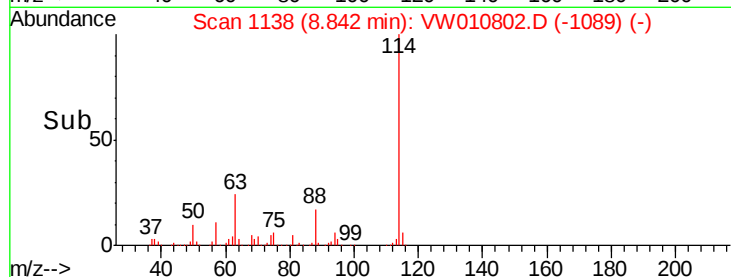
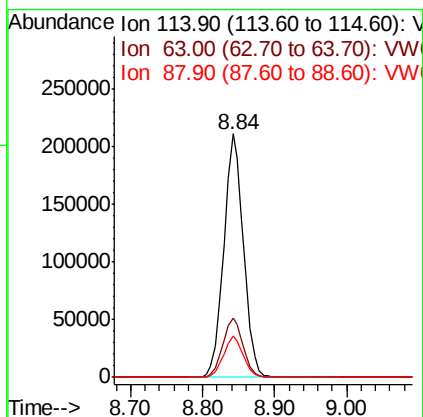
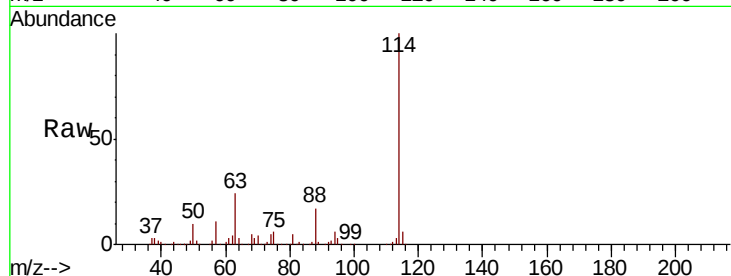




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010802.D
 Acq: 13 Jun 2019 17:18

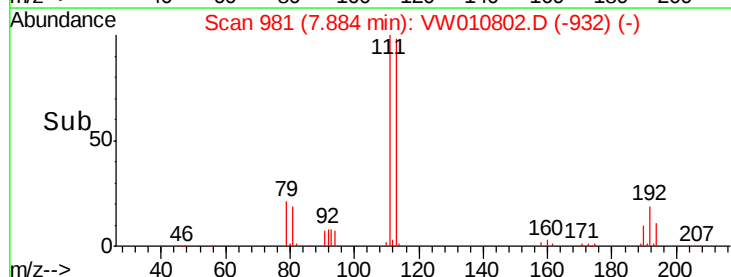
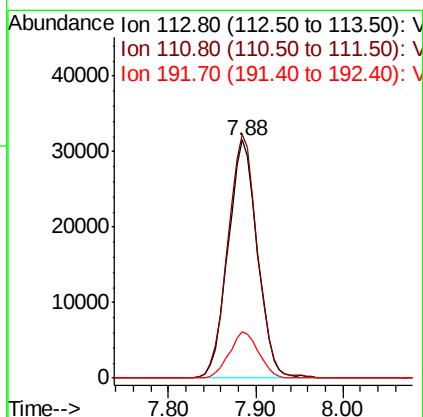
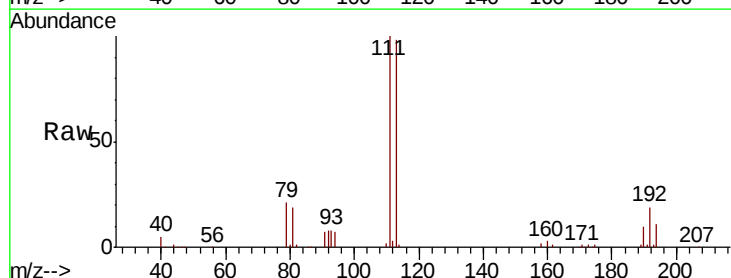
Instrument :
 MSVOA_W
 ClientSampled :

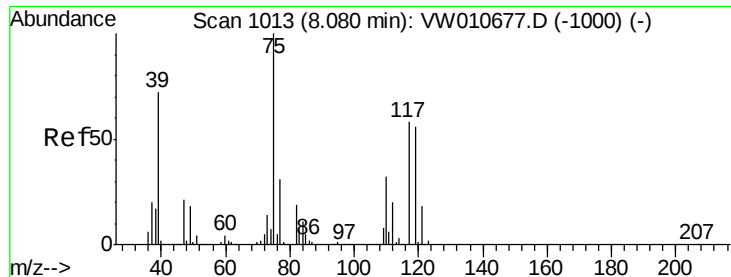
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.4
88	16.8	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 33.850 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010802.D
 Acq: 13 Jun 2019 17:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.6	16.4	24.6

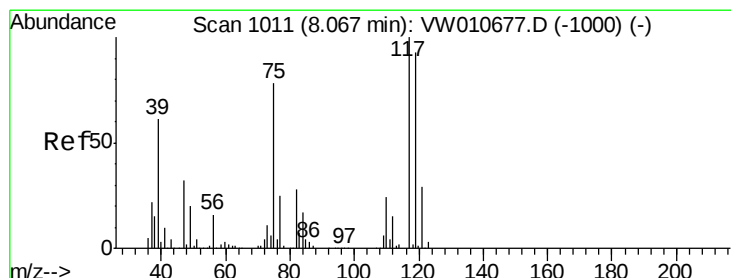
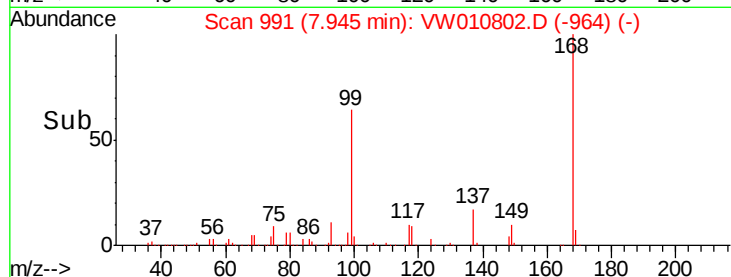
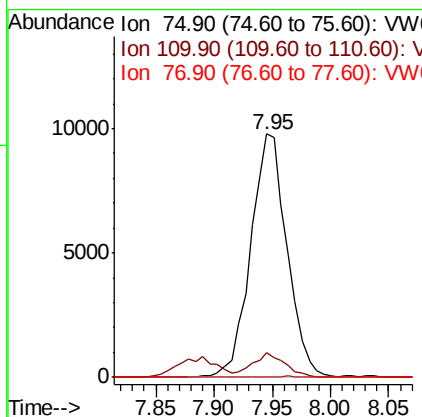
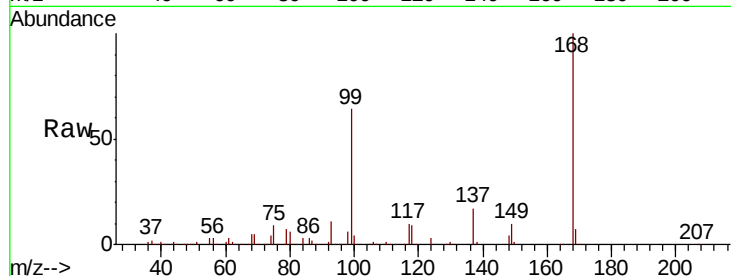




#36
 1,1-Dichloropropene
 Concen: 5.187 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010802.D
 Acq: 13 Jun 2019 17:18

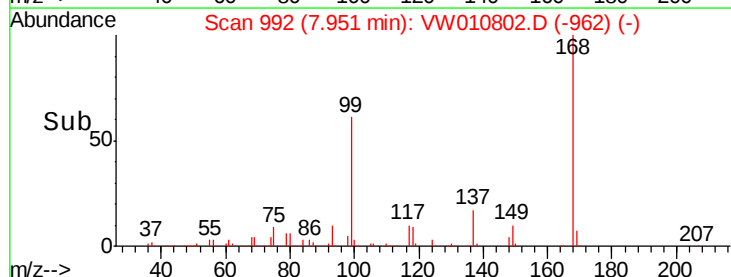
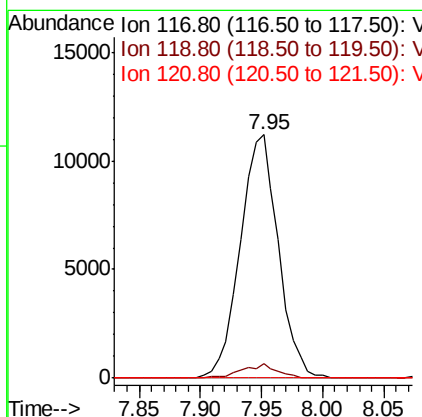
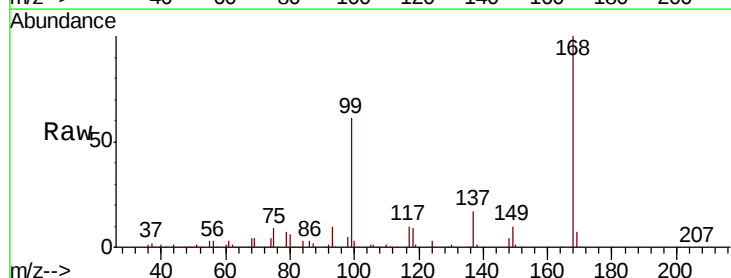
Instrument :
 MSVOA_W
 ClientSampled :

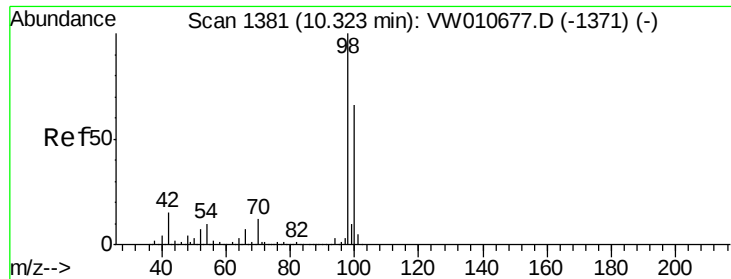
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.8	47.3#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.846 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010802.D
 Acq: 13 Jun 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.2	111.4#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 31.311 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Instrument :

MSVOA_W

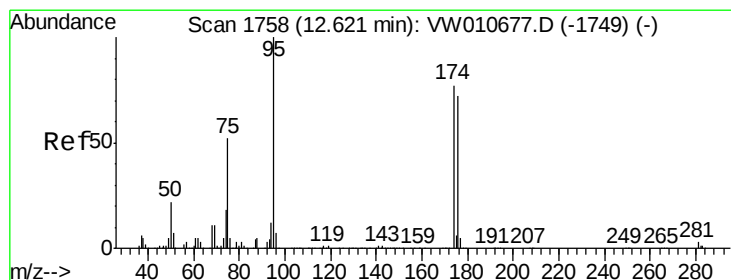
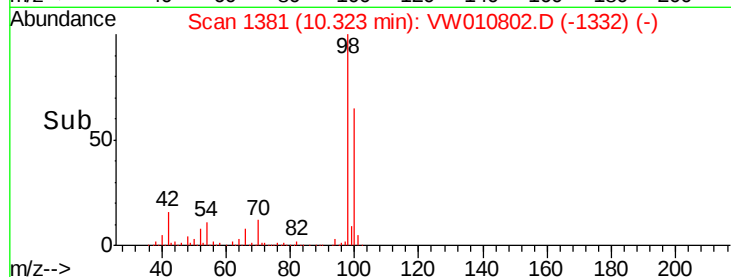
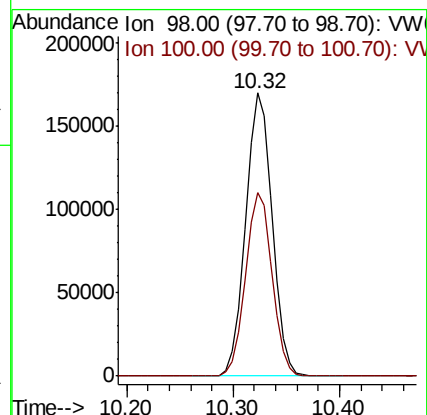
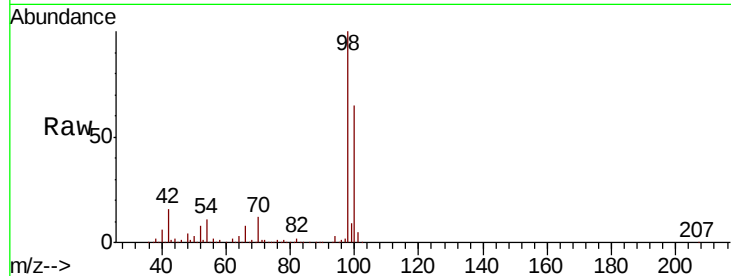
ClientSampleId :

Tot Ion: 98 Resp: 298037

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 33.529 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

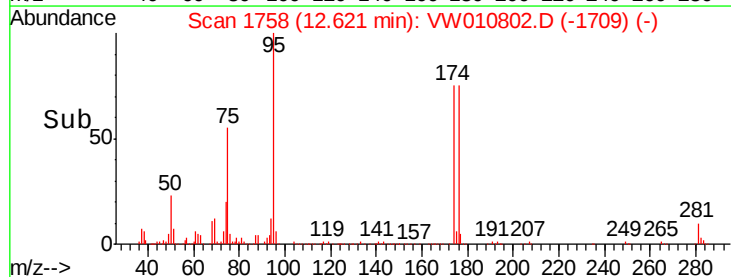
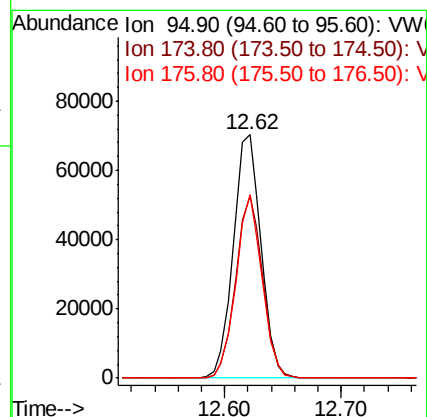
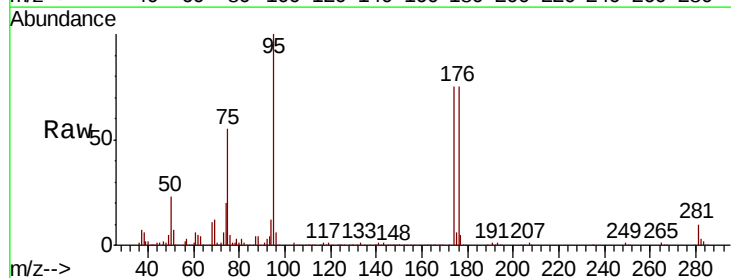
Tgt Ion: 95 Resp: 116134

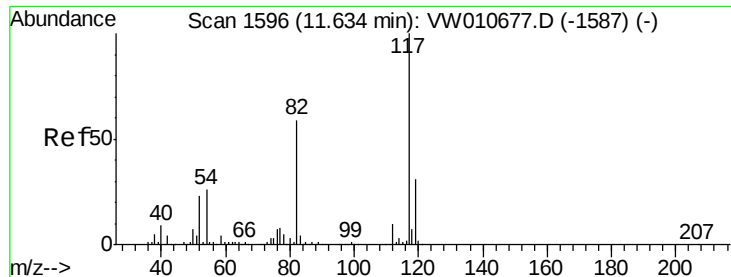
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.4

176 71.1 0.0 144.8

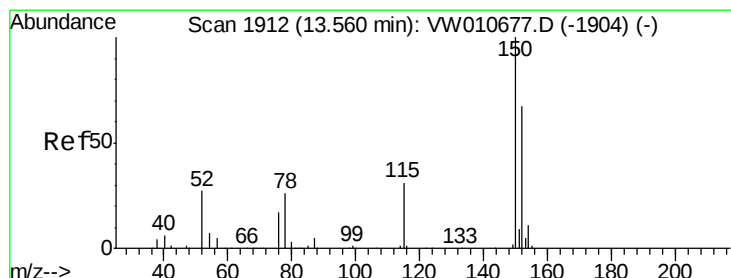
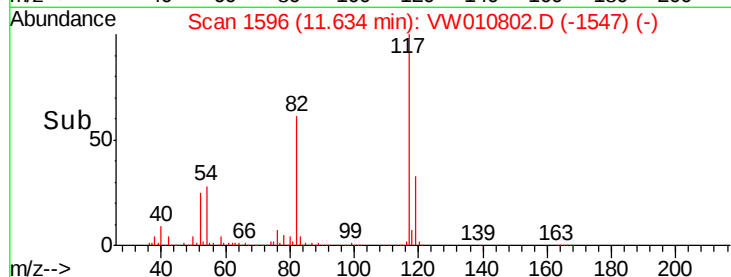
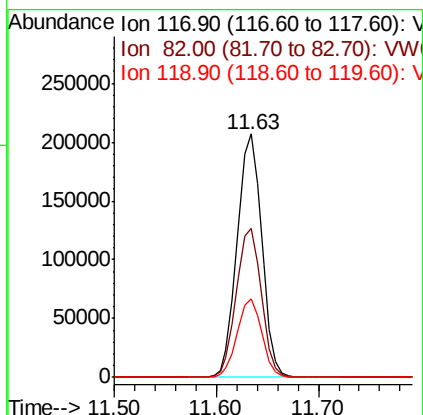
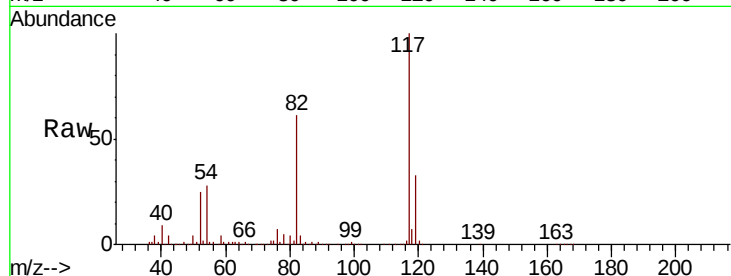




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010802.D
Acq: 13 Jun 2019 17:18

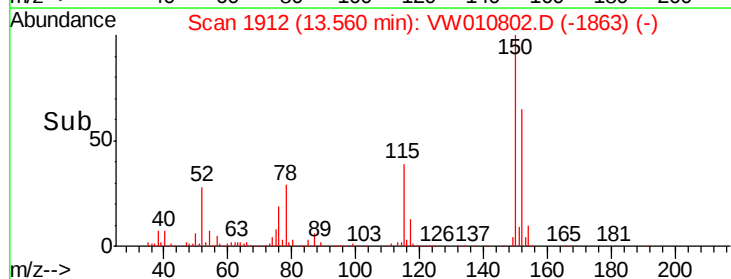
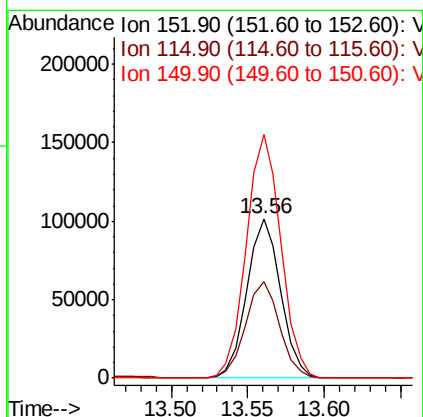
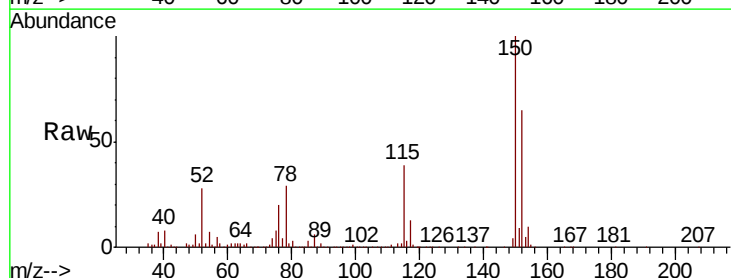
Instrument :
MSVOA_W
ClientSampleId :

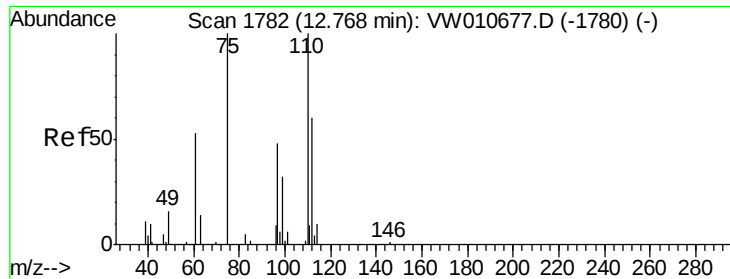
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.0	70.4
119	32.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010802.D
Acq: 13 Jun 2019 17:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.8	89.3
150	156.4	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 38.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Instrument :

MSVOA_W

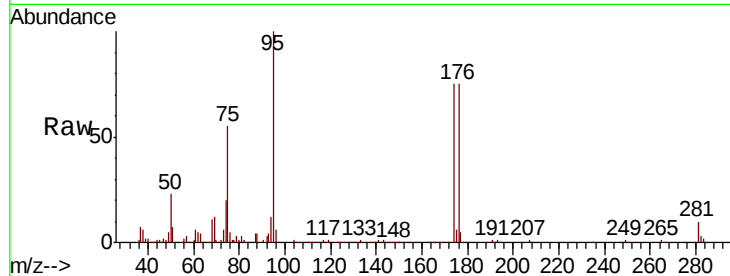
ClientSampleId :

Tot Ion: 75 Resp: 62815

Ion Ratio Lower Upper

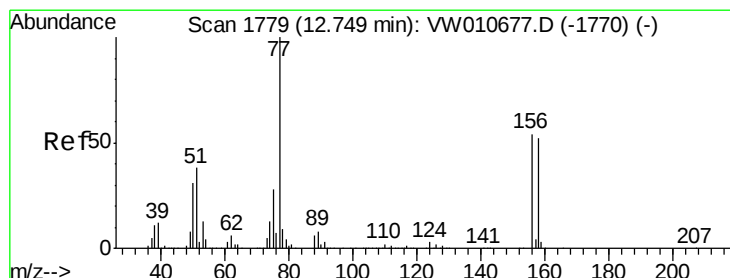
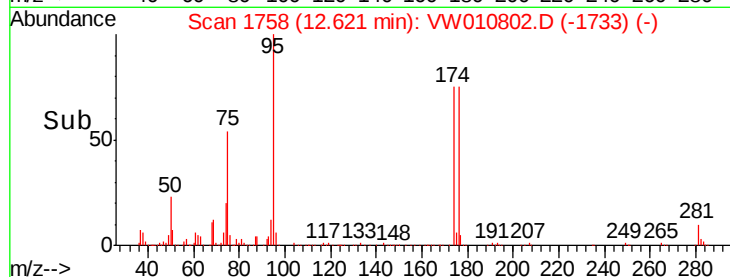
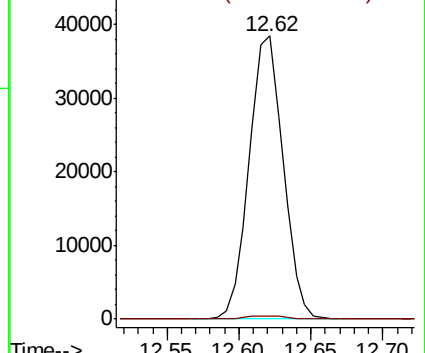
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#77

Bromobenzene

Concen: 17.212 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. 0.13 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

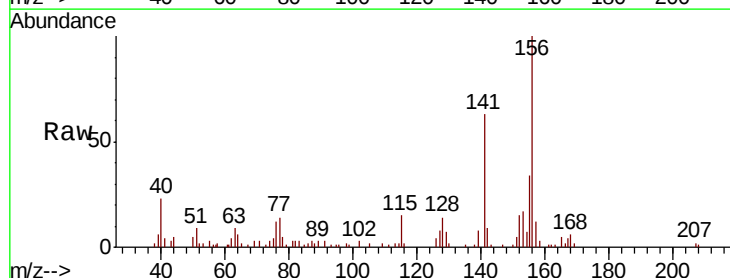
Tgt Ion: 156 Resp: 43926

Ion Ratio Lower Upper

156 100

77 10.4 106.5 319.4#

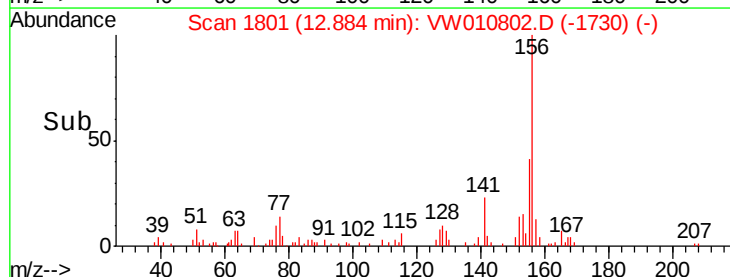
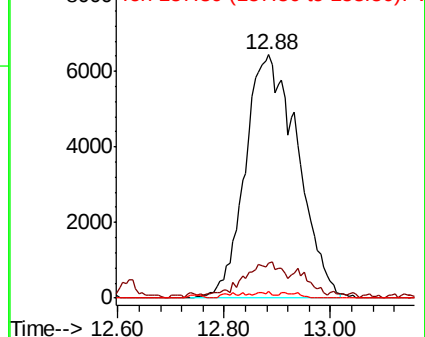
158 0.3 48.3 144.9#

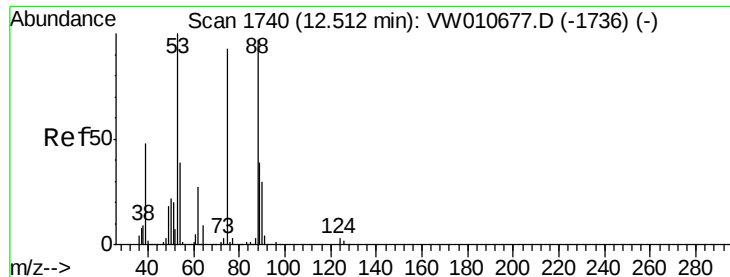


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 88.364 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

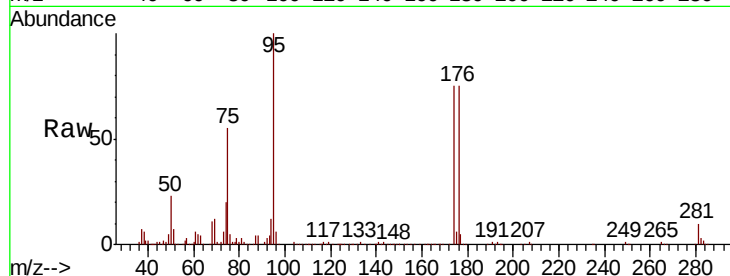
Tot Ion: 75 Resp: 62815

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

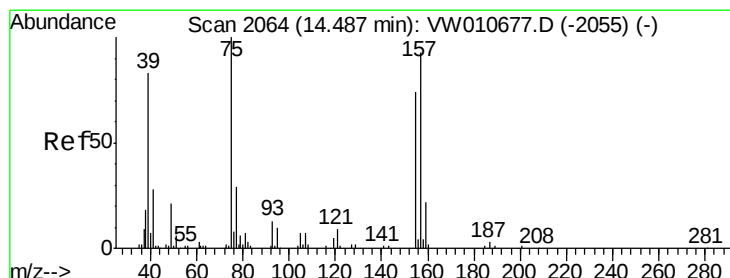
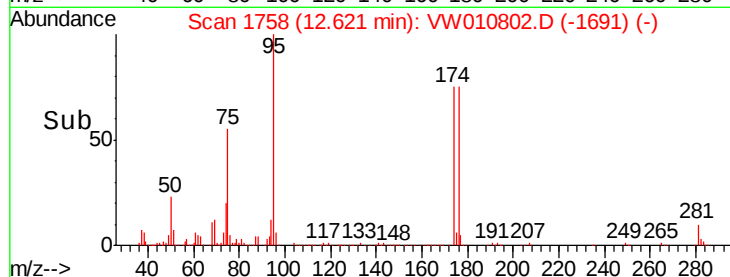
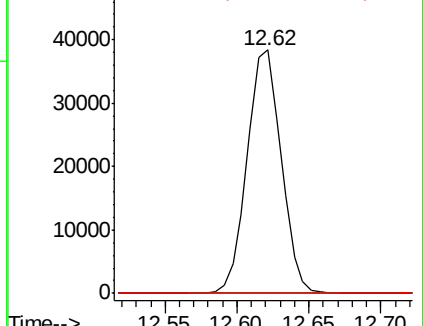
89 0.3 34.6 52.0#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.601 ug/l

RT: 14.52 min Scan# 2069

Delta R.T. 0.03 min

Lab File: VW010802.D

Acq: 13 Jun 2019 17:18

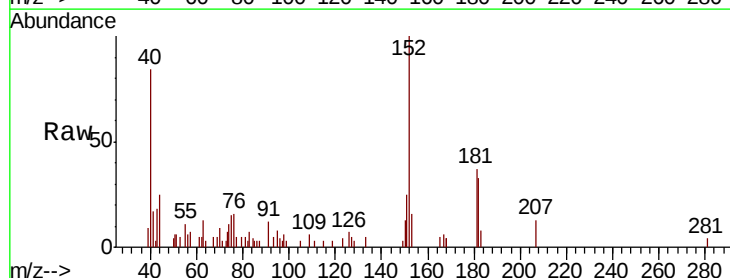
Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.4#

157 0.0 48.4 145.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

