

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011080.D
 Acq On : 01 Jul 2019 13:08
 Operator : SY/VA
 Sample : K3580-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12-9.5-10.0

Quant Time: Jul 02 08:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

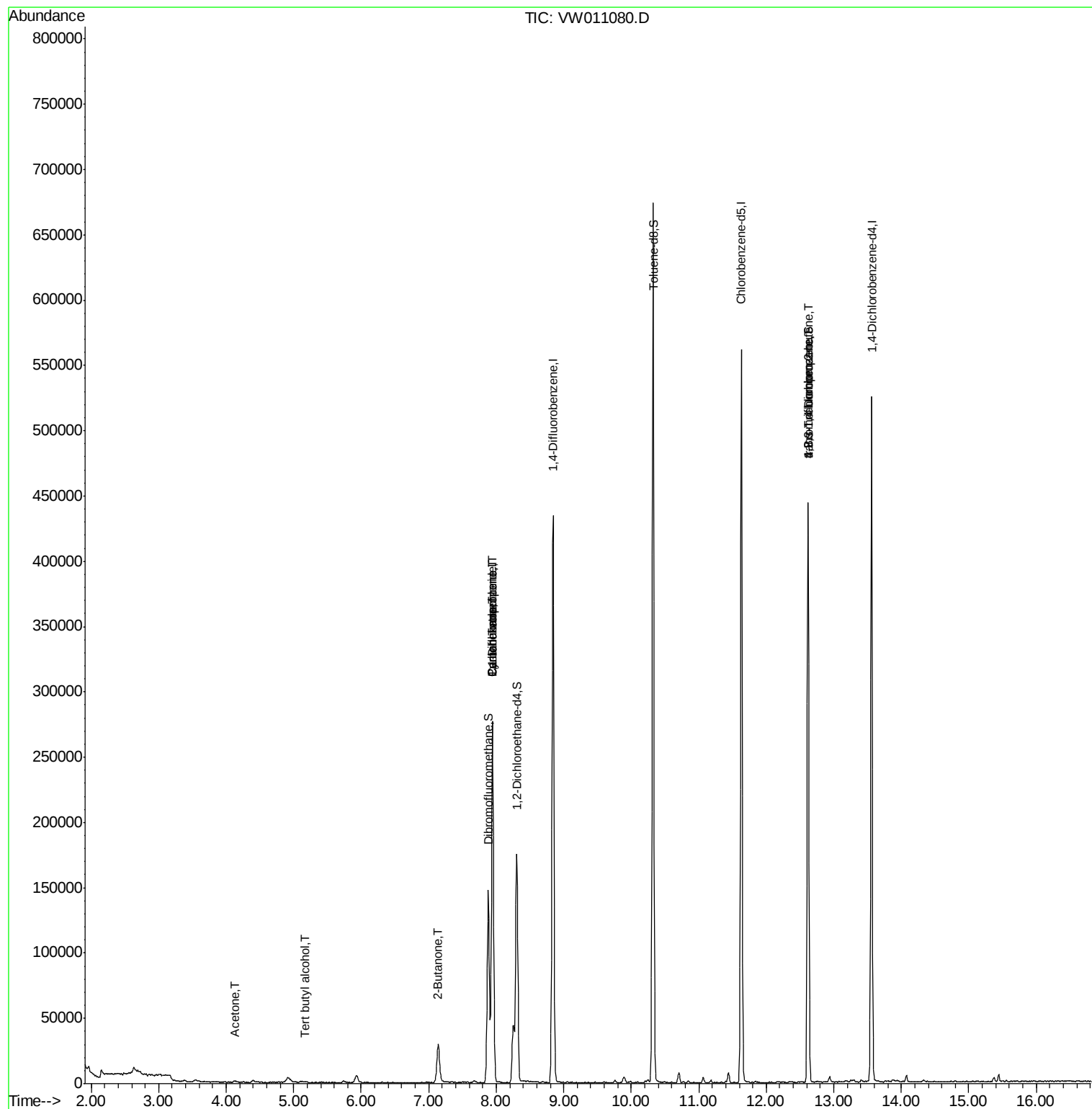
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140345	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	7.88	113	104220	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.32	98	418607	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	141120	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	382	2.038	ug/l #	71
16) Acetone	4.13	43	1931	3.065	ug/l #	86
25) 2-Butanone	7.14	43	2173	2.269	ug/l #	72
31) Cyclohexane	7.94	56	5306	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17700	4.907	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20206	6.802	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	76980	57.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76980	117.076	ug/l #	3

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

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
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: VW011080.D

Acq: 01 Jul 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

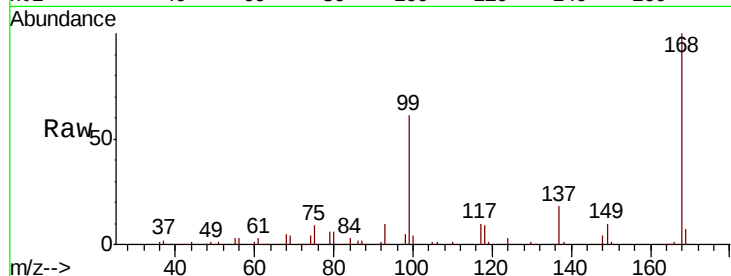
SB-12-9.5-10.0

Tot Ion:168 Resp: 197424

Ion Ratio Lower Upper

168 100

99 61.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

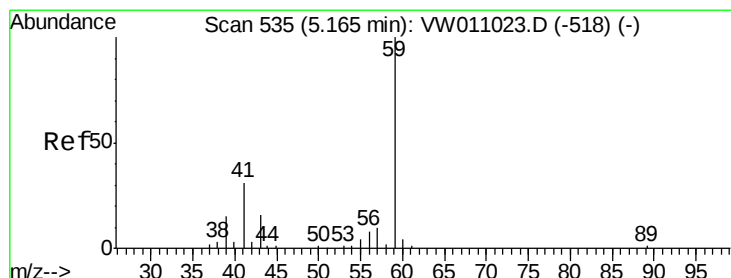
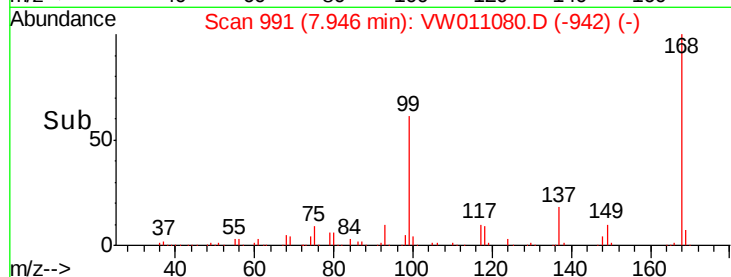
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.038 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW011080.D

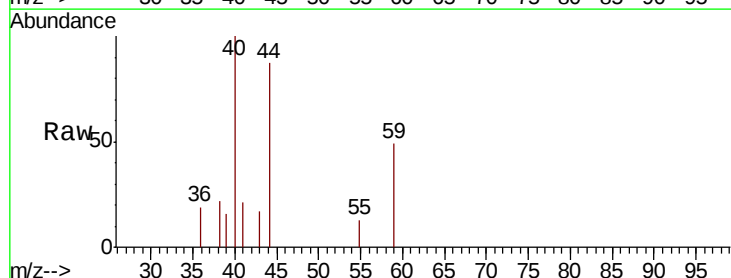
Acq: 01 Jul 2019 13:08

Tgt Ion: 59 Resp: 382

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

300

250

200

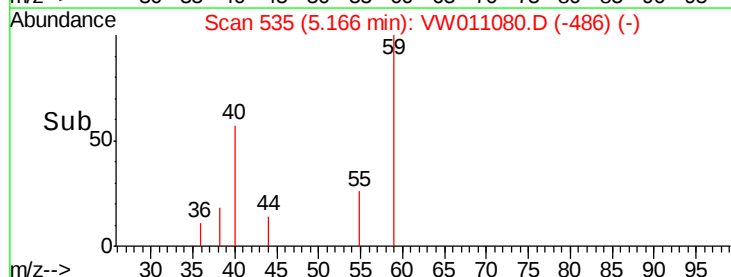
150

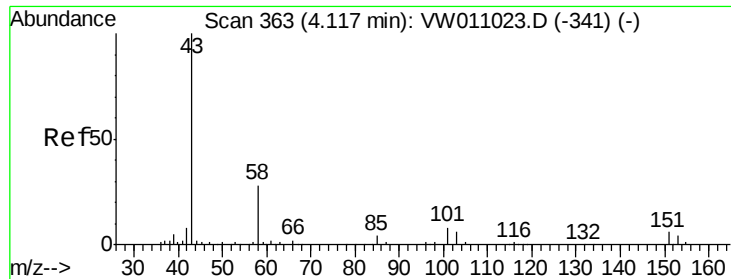
100

50

0

Time--> 5.15 5.20





#16

Acetone

Concen: 3.065 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

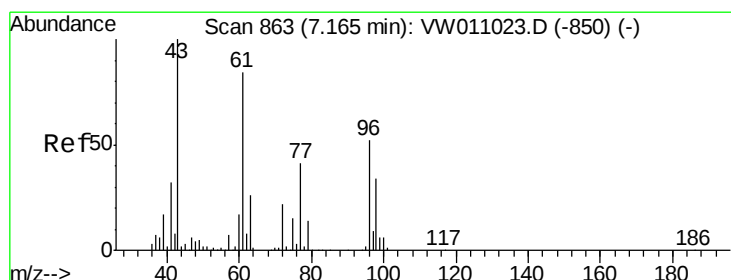
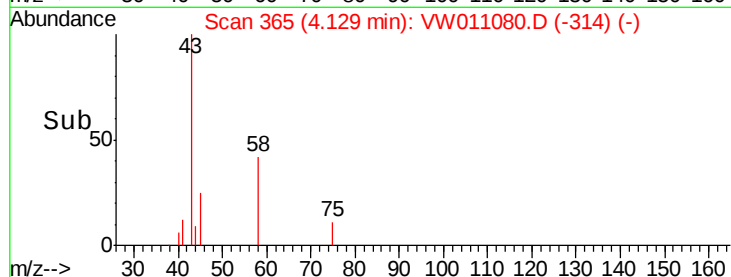
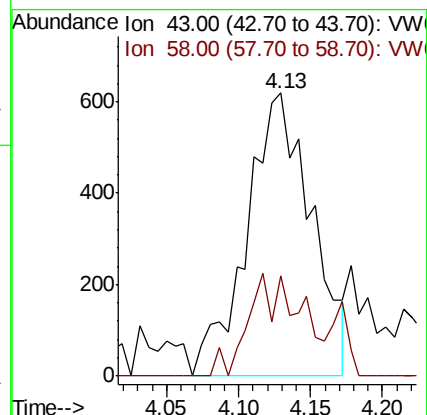
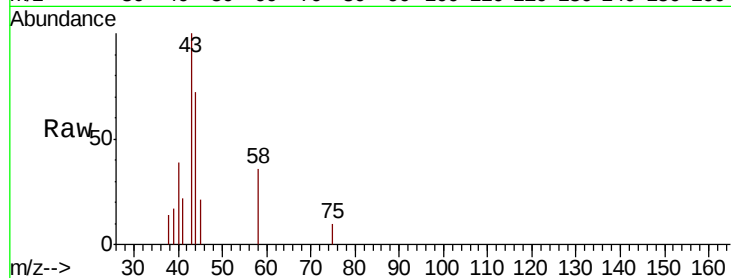
SB-12-9.5-10.0

Tot Ion: 43 Resp: 1931

Ion Ratio Lower Upper

43 100

58 35.5 22.5 33.7#



#25

2-Butanone

Concen: 2.269 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011080.D

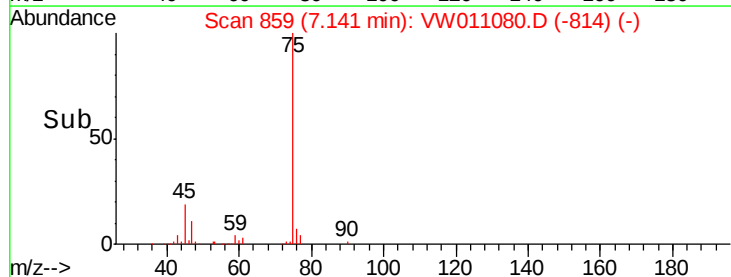
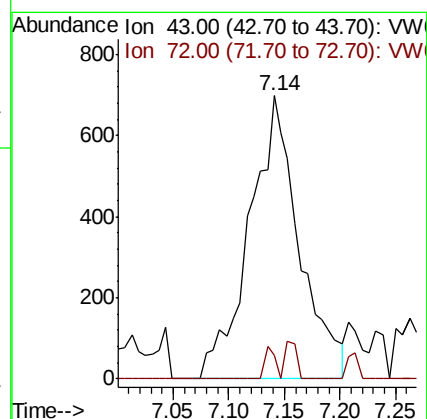
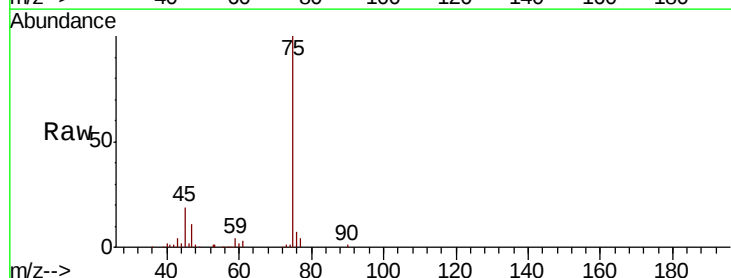
Acq: 01 Jul 2019 13:08

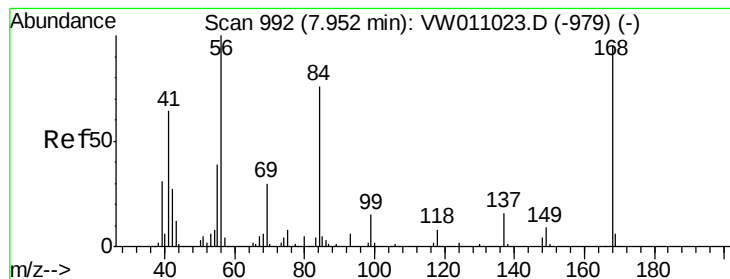
Tgt Ion: 43 Resp: 2173

Ion Ratio Lower Upper

43 100

72 8.3 17.2 25.8#





#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

SB-12-9.5-10.0

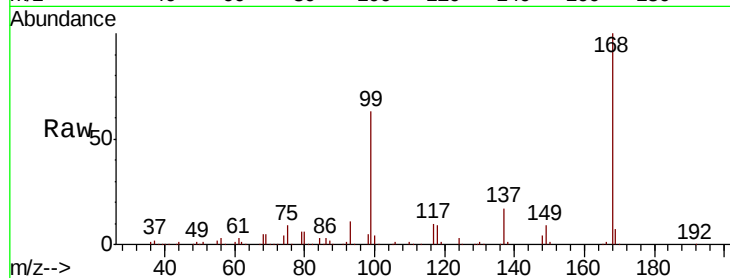
Tot Ion: 56 Resp: 5306

Ion Ratio Lower Upper

56 100

69 159.0 24.2 36.2#

84 119.2 60.6 90.8#

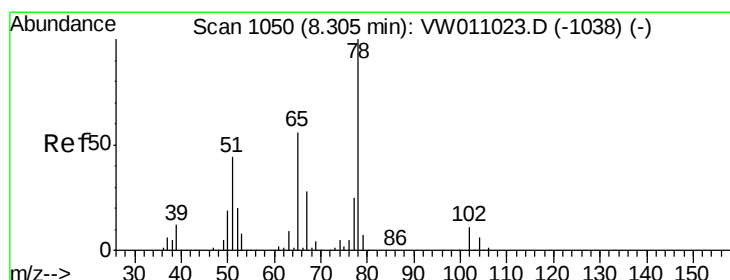
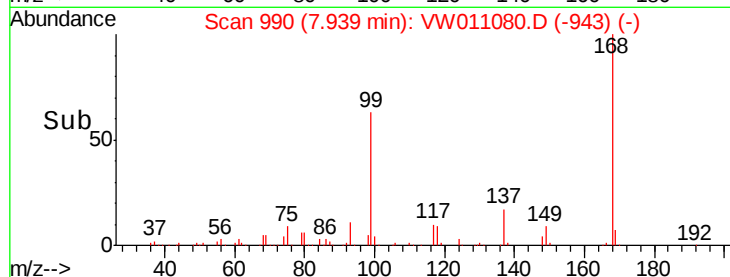
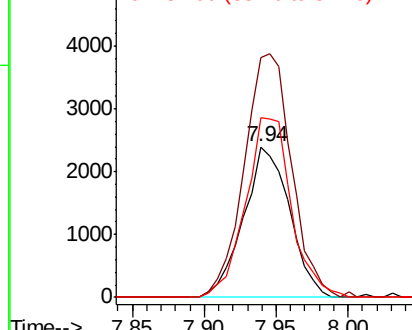


Abundance

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: 54.379 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011080.D

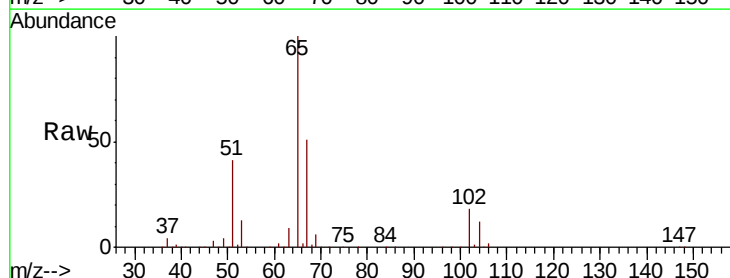
Acq: 01 Jul 2019 13:08

Tgt Ion: 65 Resp: 140345

Ion Ratio Lower Upper

65 100

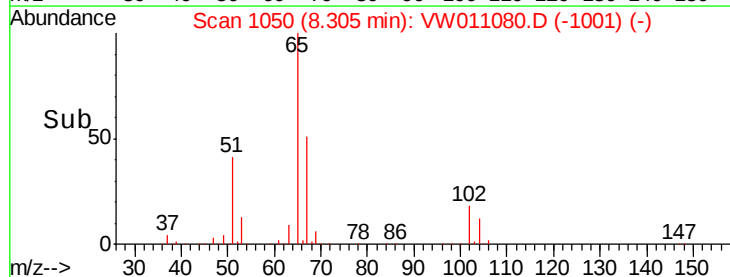
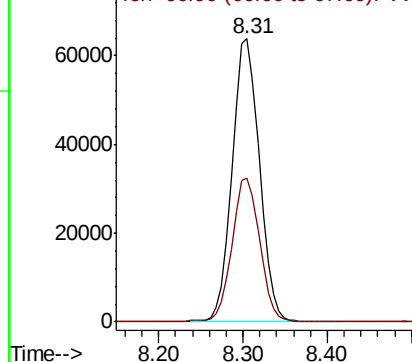
67 51.5 0.0 102.4

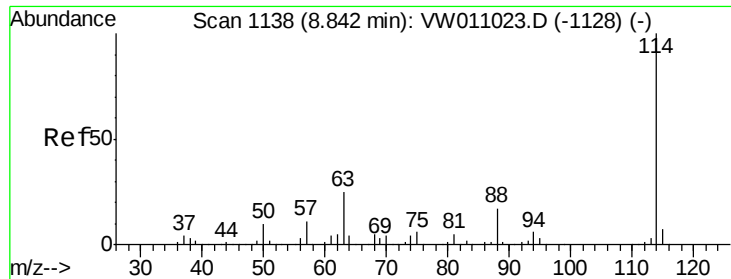


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

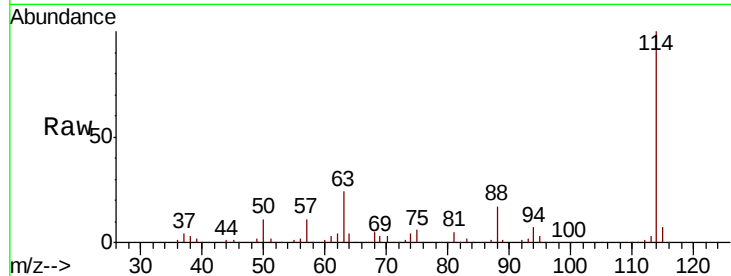




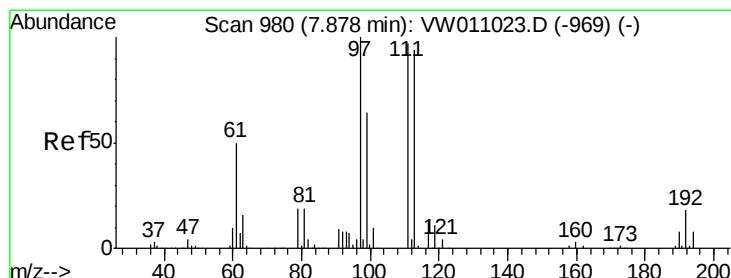
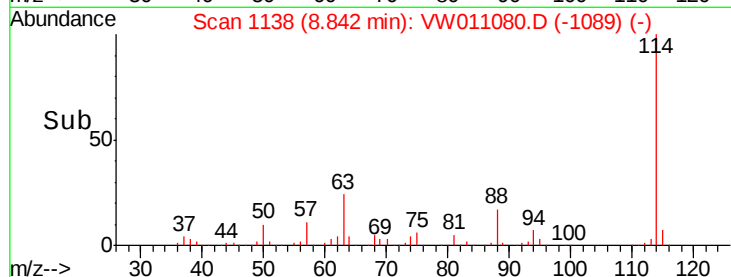
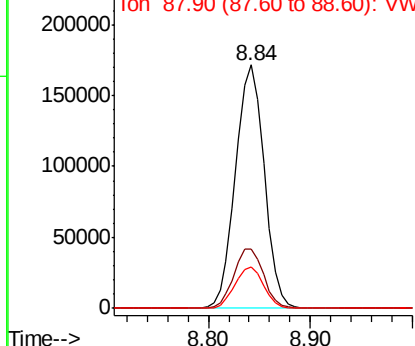
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011080.D
Acq: 01 Jul 2019 13:08

Instrument :
MSVOA_W
ClientSampleId :
SB-12-9.5-10.0

Tot Ion:114 Resp: 335622
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.6
88 17.0 0.0 34.0

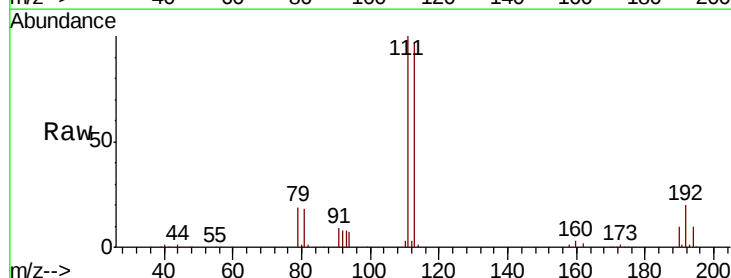


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

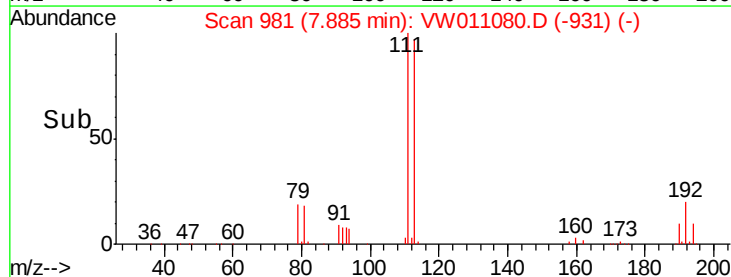
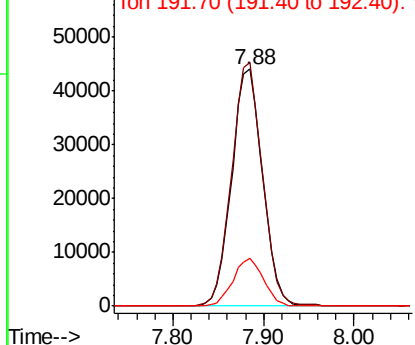


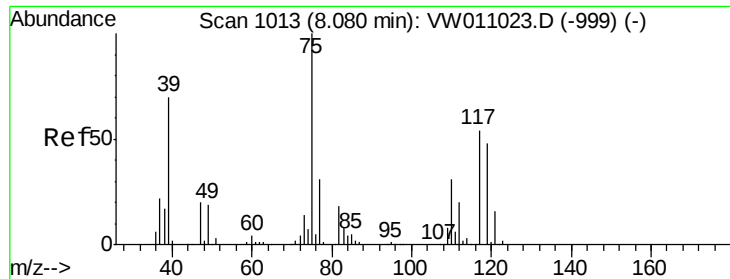
#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW011080.D
Acq: 01 Jul 2019 13:08

Tgt Ion:113 Resp: 104220
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 19.7 16.0 24.0



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

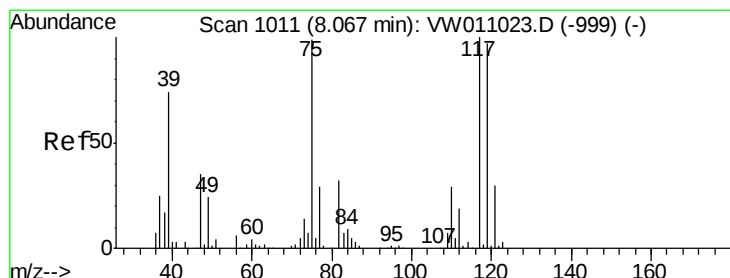
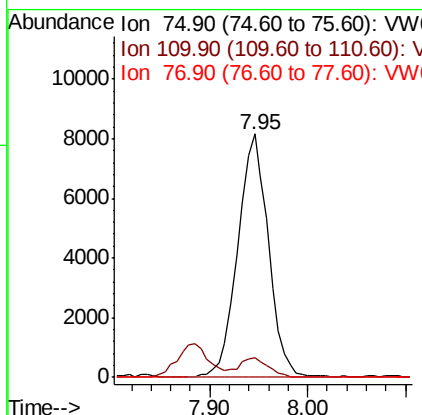
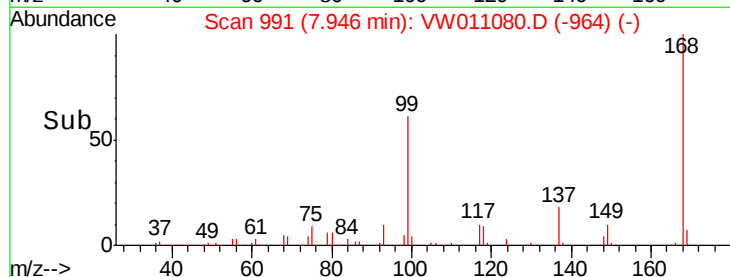
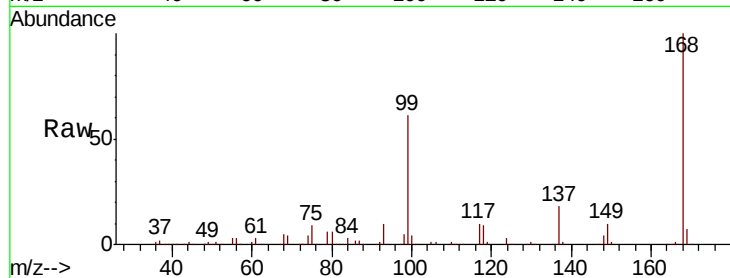




#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011080.D
 Acq: 01 Jul 2019 13:08

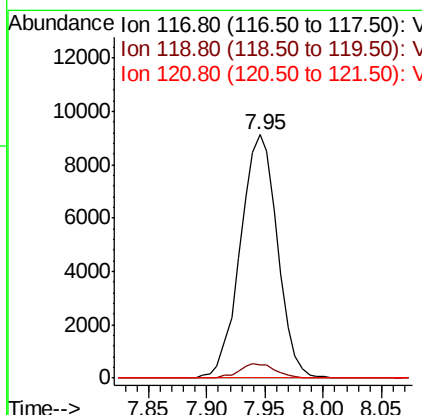
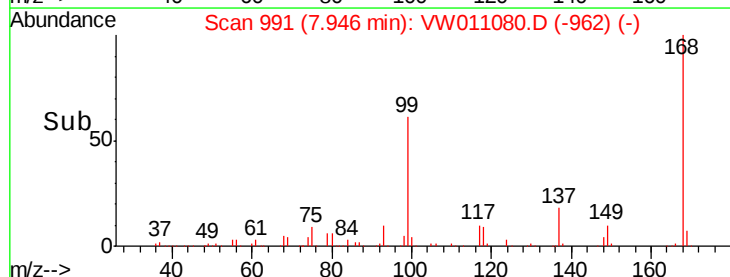
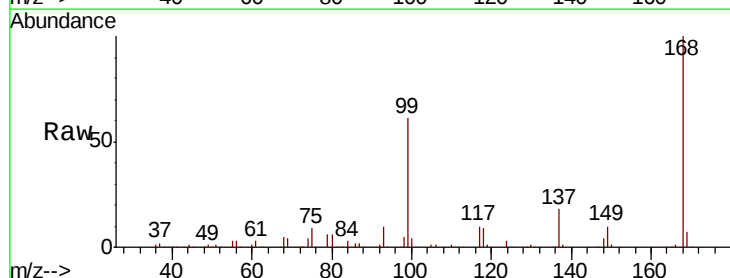
Instrument :
 MSVOA_W
 ClientSampled :
 SB-12-9.5-10.0

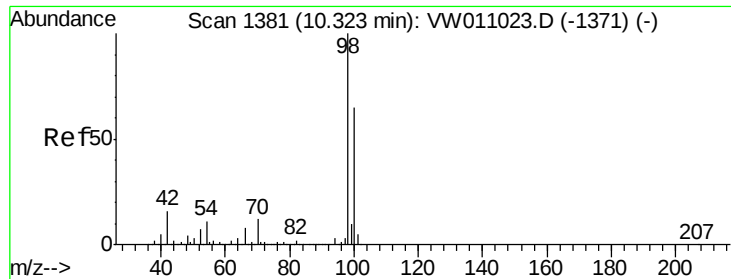
Tot Ion	75	Resp	17700
Ion Ratio	100		
Lower			
Upper			
75	100		
110	7.9	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.802 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011080.D
 Acq: 01 Jul 2019 13:08

Tgt Ion	117	Resp	20206
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
117	100		
119	5.5	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.621 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

Instrument :

MSVOA_W

ClientSampleId :

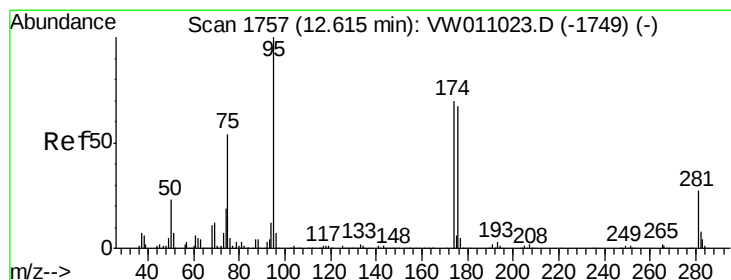
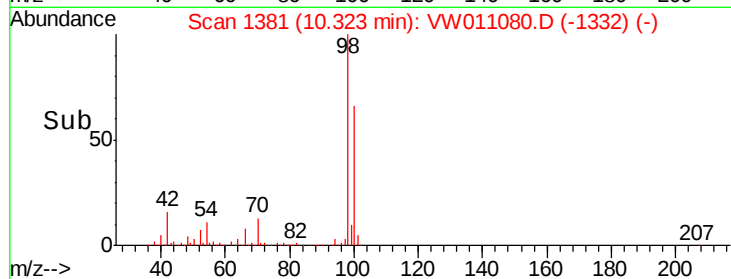
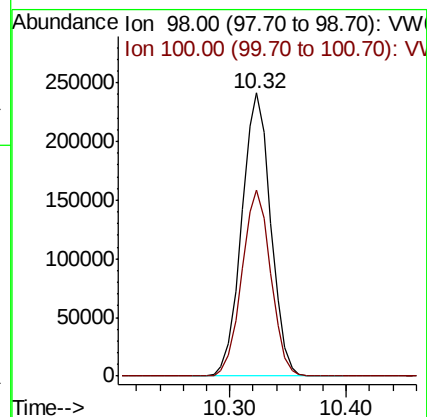
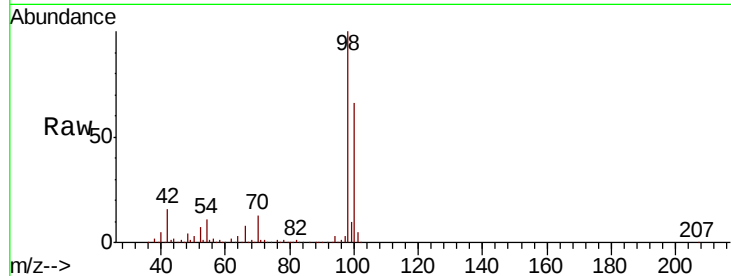
SB-12-9.5-10.0

Tot Ion: 98 Resp: 418607

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.737 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

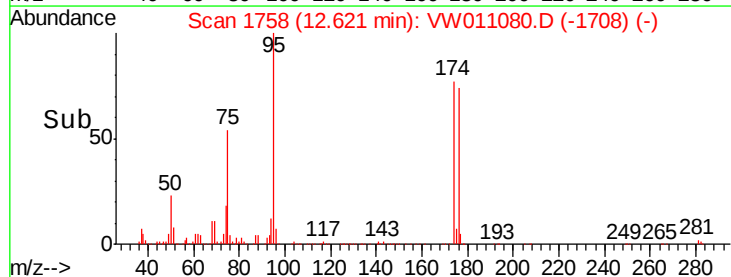
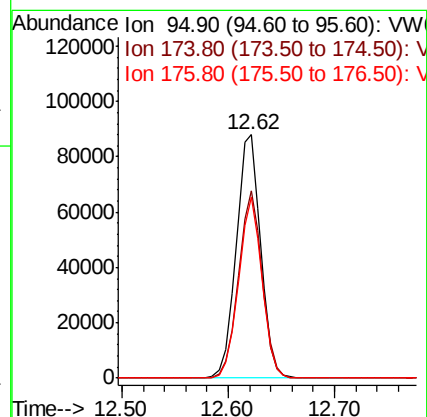
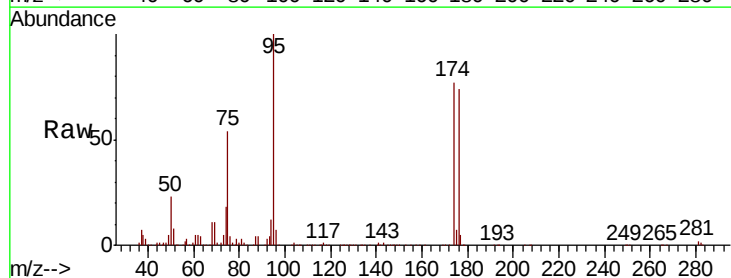
Tgt Ion: 95 Resp: 141120

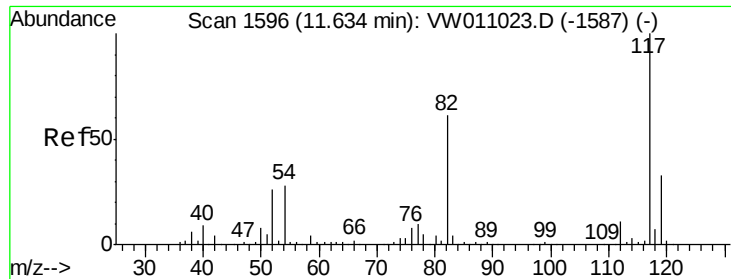
Ion Ratio Lower Upper

95 100

174 74.6 0.0 149.2

176 71.5 0.0 143.6

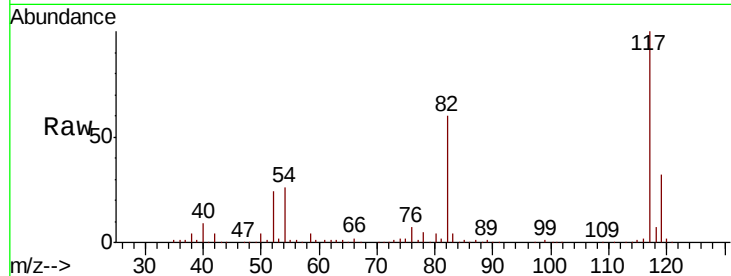




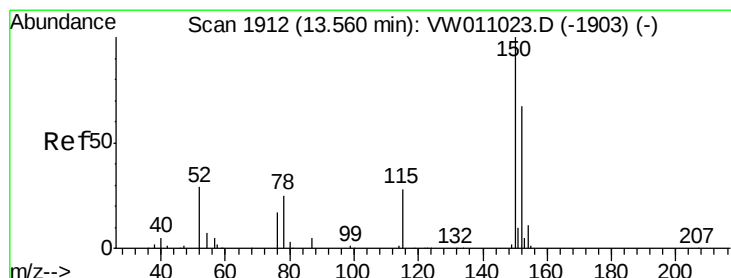
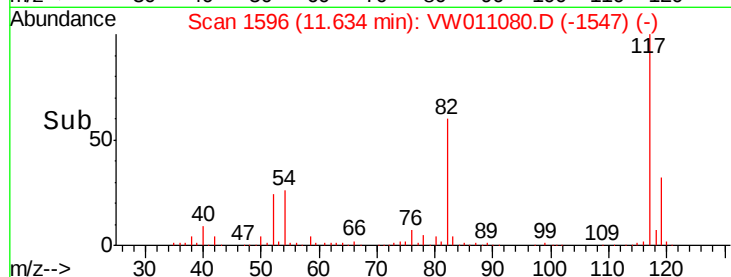
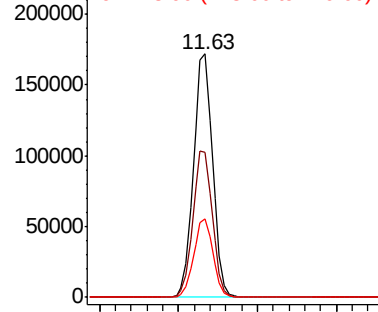
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011080.D
Acq: 01 Jul 2019 13:08

Instrument :
MSVOA_W
ClientSampleId :
SB-12-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	48.6	73.0
119	32.2	26.1	39.1

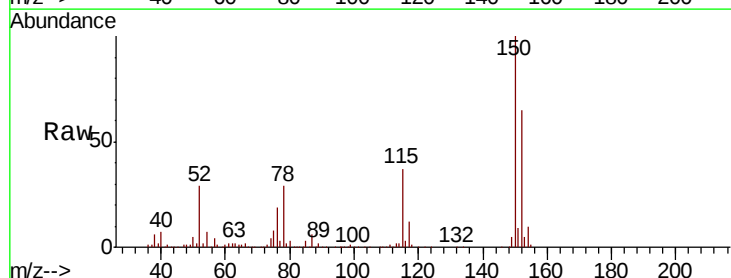


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

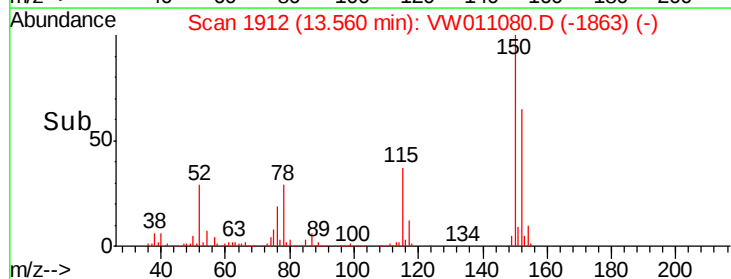
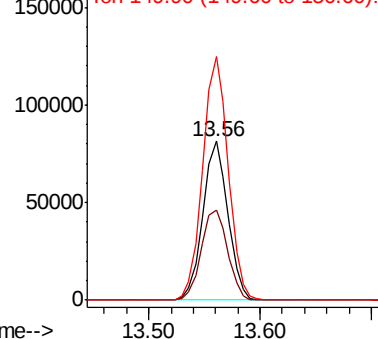


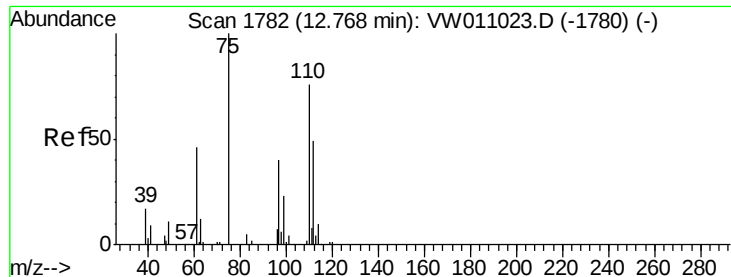
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011080.D
Acq: 01 Jul 2019 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.7	92.1
150	156.3	0.0	341.8



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: 57.842 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

Instrument :

MSVOA_W

ClientSampled :

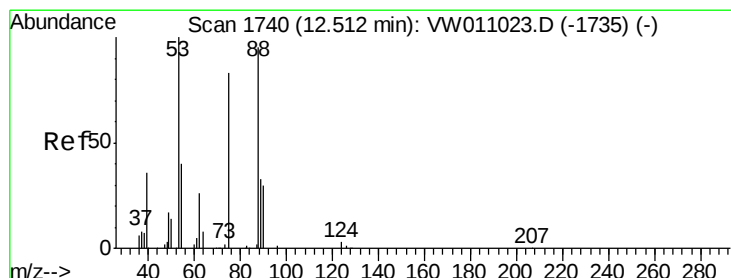
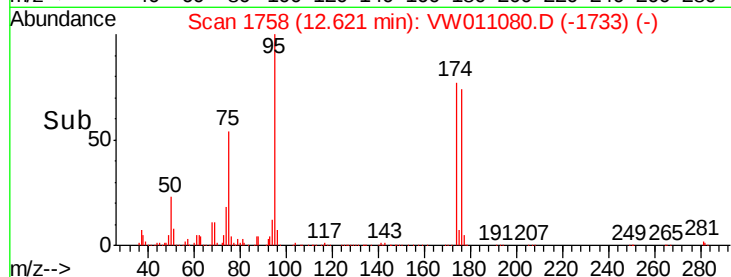
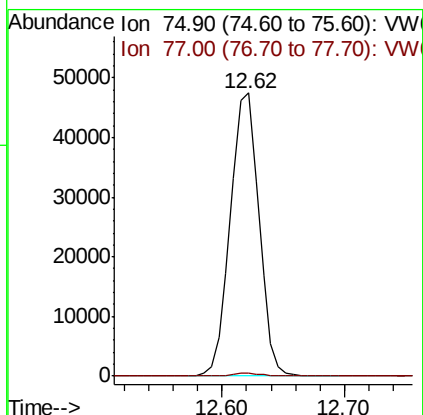
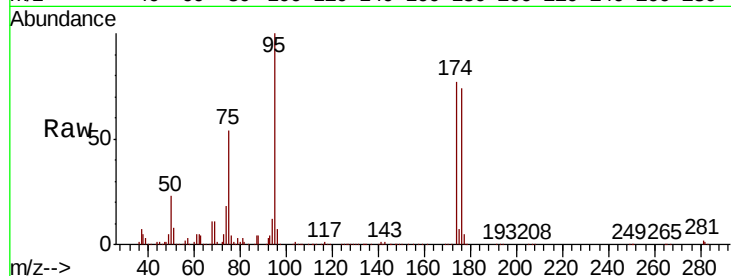
SB-12-9.5-10.0

Tot Ion: 75 Resp: 76980

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.076 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011080.D

Acq: 01 Jul 2019 13:08

Tgt Ion: 75 Resp: 76980

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

