

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011687.D
 Acq On : 04 Aug 2019 02:31
 Operator : SY/VA
 Sample : K4135-15
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B4-(0-1)

Quant Time: Aug 05 01:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83569	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	113016	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
35) Dibromofluoromethane	7.88	113	88515	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
50) Toluene-d8	10.32	98	323235	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.62	95	92487	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	

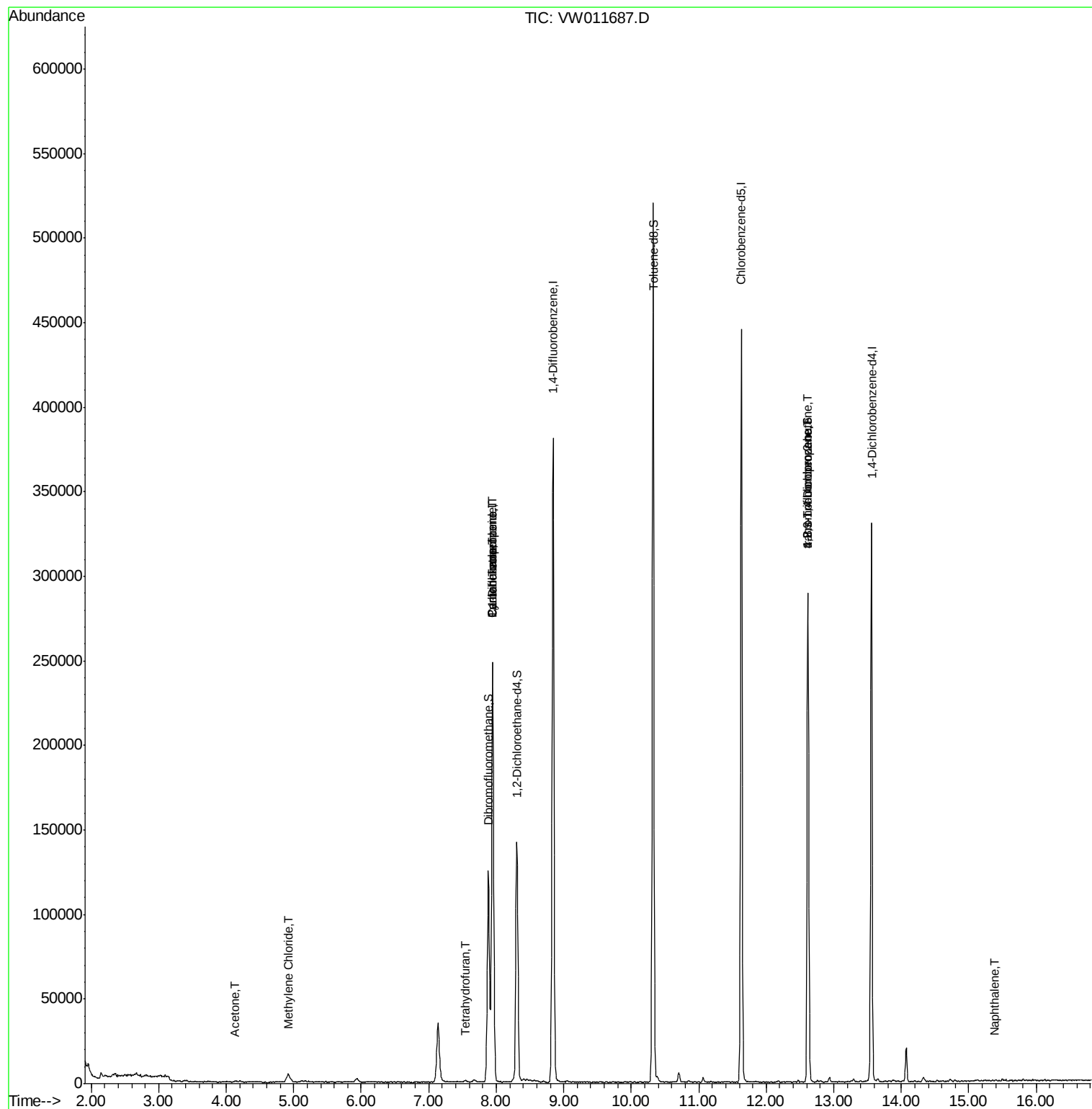
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	410	Below Cal	#	69
16) Acetone	4.14	43	1421	2.178	ug/l #	88
20) Methylene Chloride	4.92	84	3014	1.339	ug/l	96
29) Tetrahydrofuran	7.54	42	1030	2.110	ug/l #	69
31) Cyclohexane	7.94	56	4705	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15503	5.023	ug/l #	52
38) Carbon Tetrachloride	7.95	117	18444	6.980	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	50231	56.806	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50231	130.918	ug/l #	6
95) Naphthalene	15.38	128	358	2.170	ug/l #	88

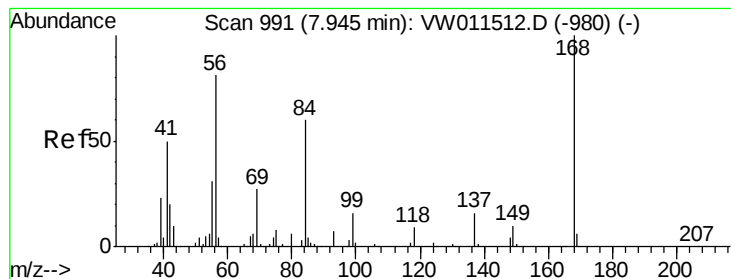
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080419\
Data File : VW011687.D
Acq On : 04 Aug 2019 02:31
Operator : SY/VA
Sample : K4135-15
Misc : 6.43G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(0-1)

Quant Time: Aug 05 01:06:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011687.D

Acq: 04 Aug 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

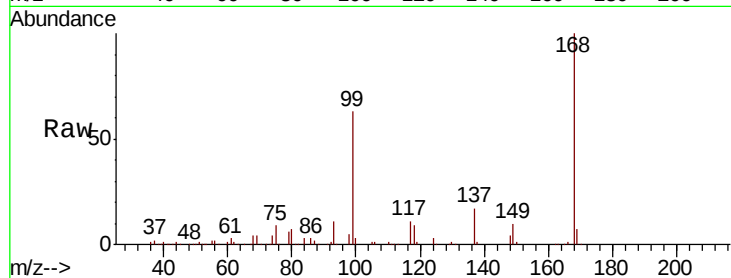
1S-B4-(0-1)

Tot Ion:168 Resp: 178635

Ion Ratio Lower Upper

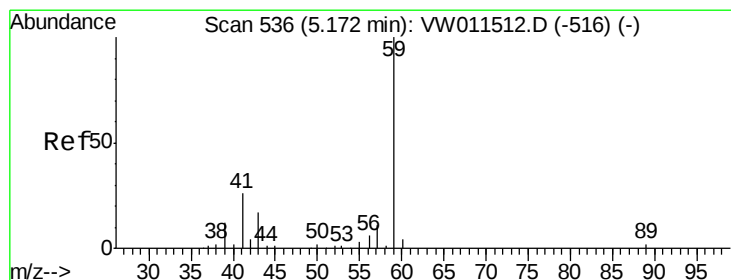
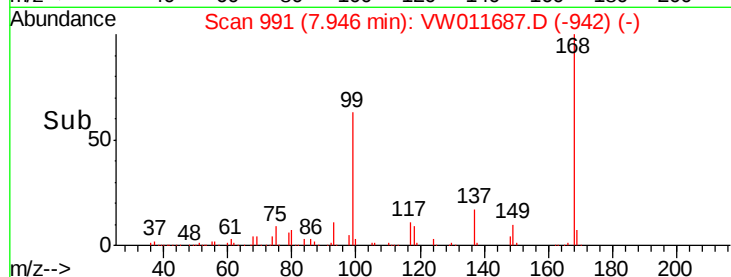
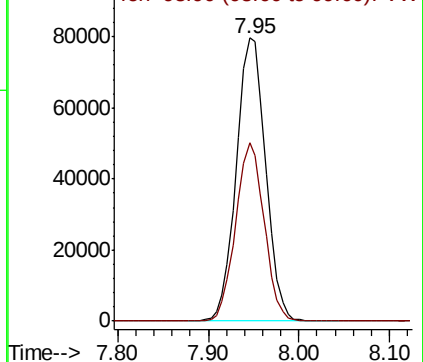
168 100

99 62.9 48.2 72.4



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: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW011687.D

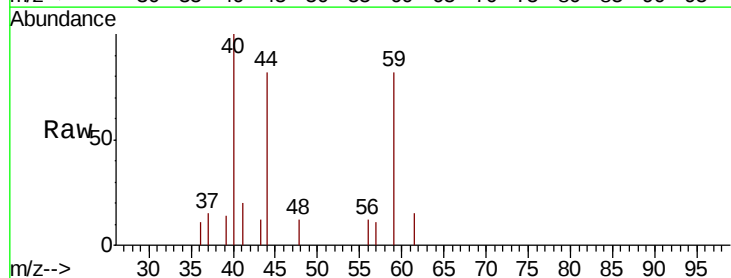
Acq: 04 Aug 2019 02:31

Tgt Ion: 59 Resp: 410

Ion Ratio Lower Upper

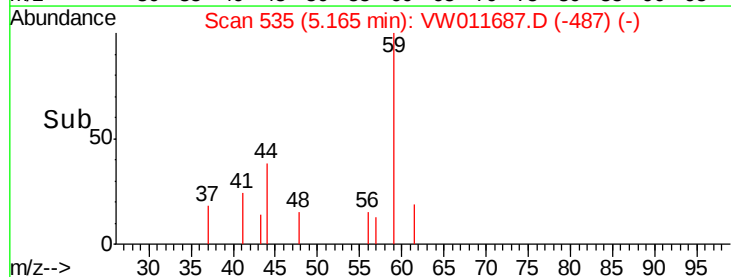
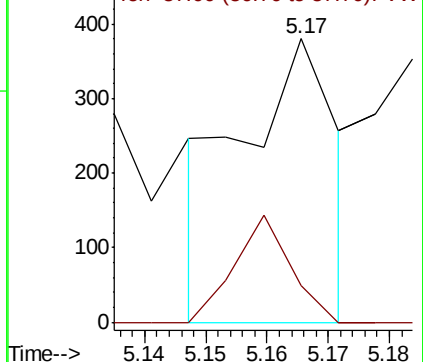
59 100

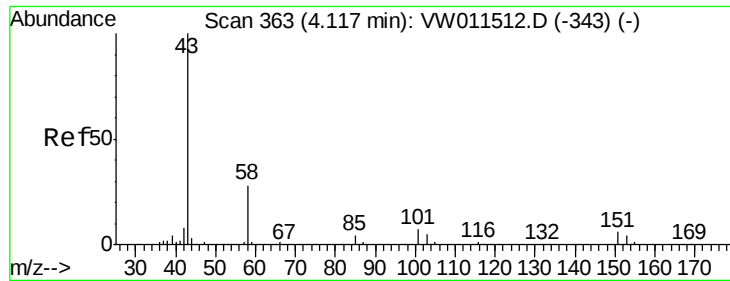
57 22.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.178 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

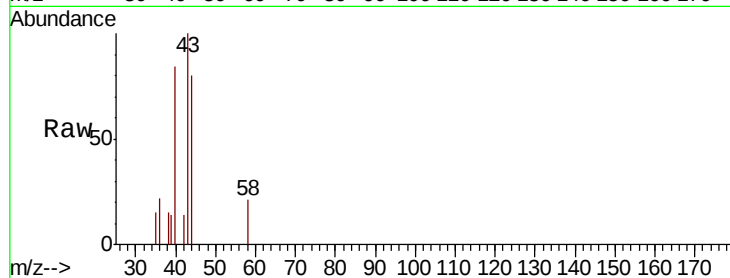
1S-B4-(0-1)

Tot Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

58 21.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.15 4.20

4.05

4.00

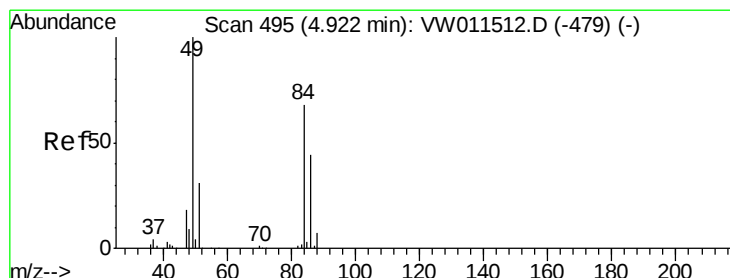
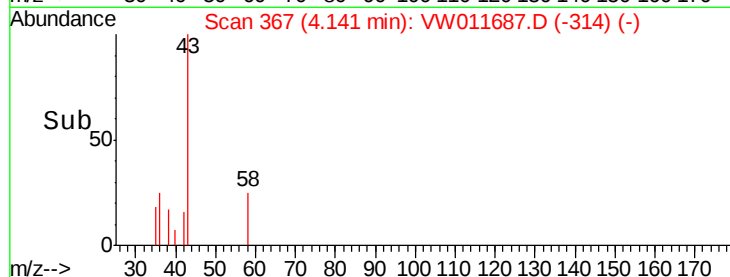
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 1.339 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

Tgt Ion: 84 Resp: 3014

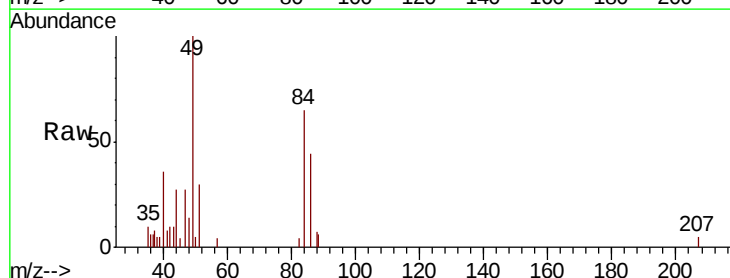
Ion Ratio Lower Upper

84 100

49 153.8 117.8 176.6

51 45.4 37.0 55.4

86 68.4 51.8 77.8



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

2000

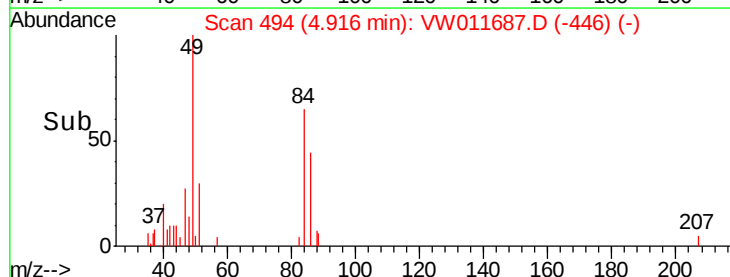
1500

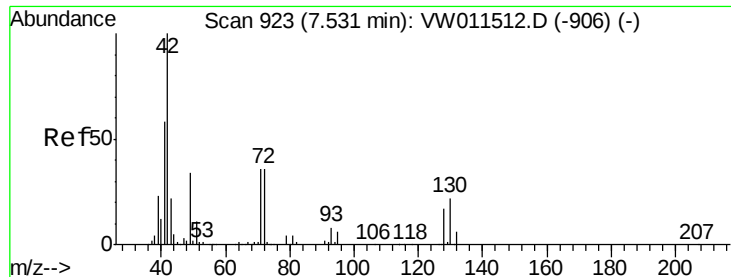
1000

500

0

Time-->

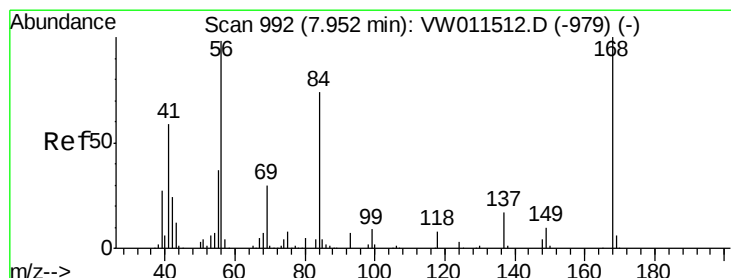
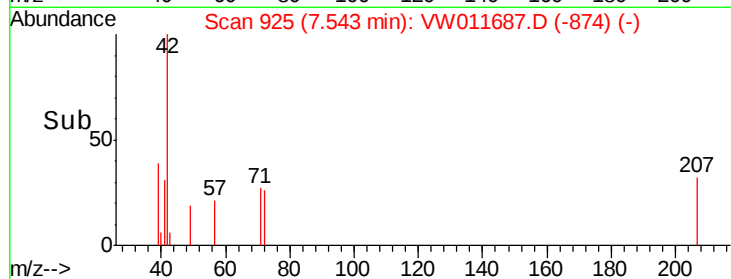
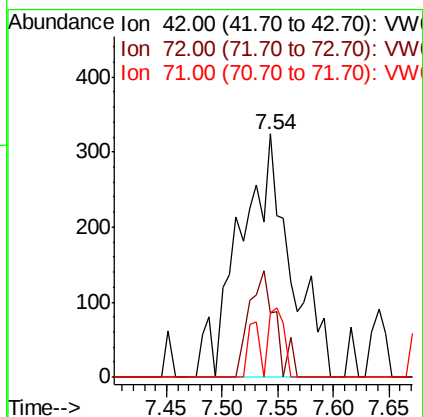
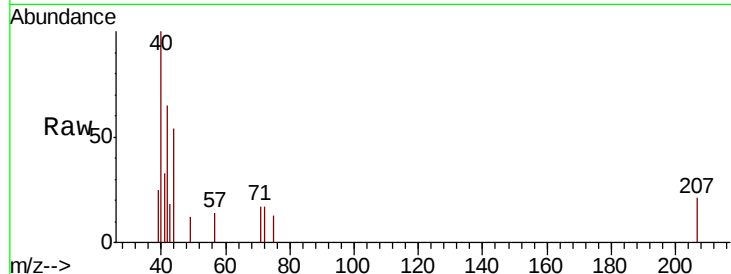




#29
Tetrahydrofuran
Concen: 2.110 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

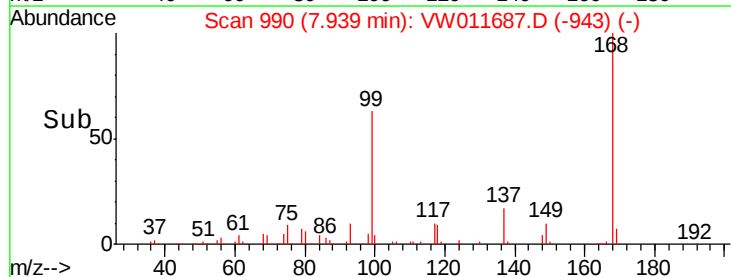
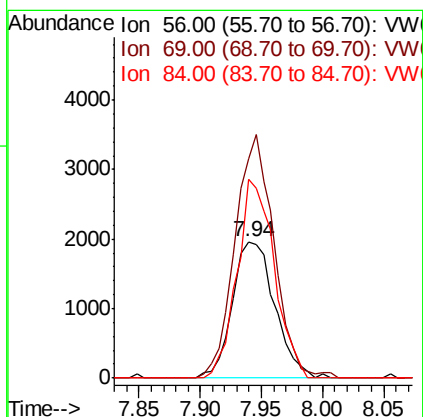
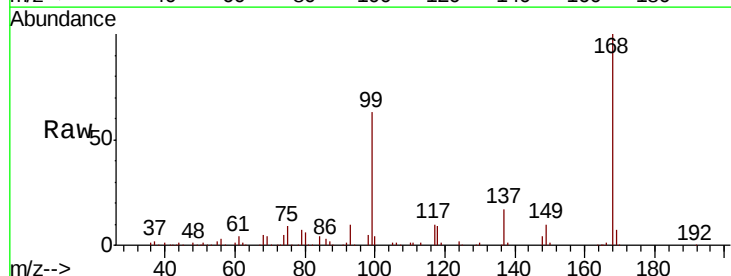
Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(0-1)

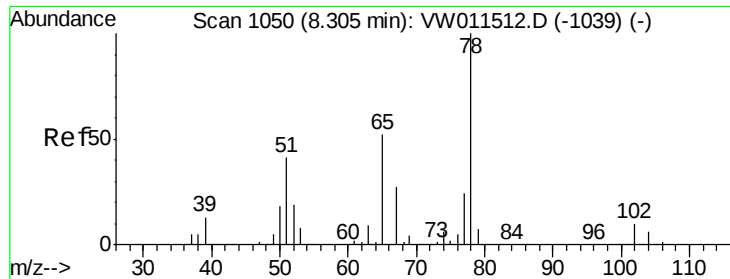
Tot Ion: 42 Resp: 1030
Ion Ratio Lower Upper
42 100
72 22.4 27.1 40.7#
71 8.9 26.2 39.4#



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Tgt Ion: 56 Resp: 4705
Ion Ratio Lower Upper
56 100
69 160.8 24.3 36.5#
84 145.4 60.4 90.6#

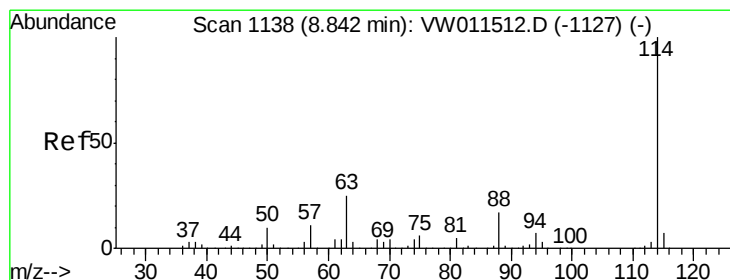
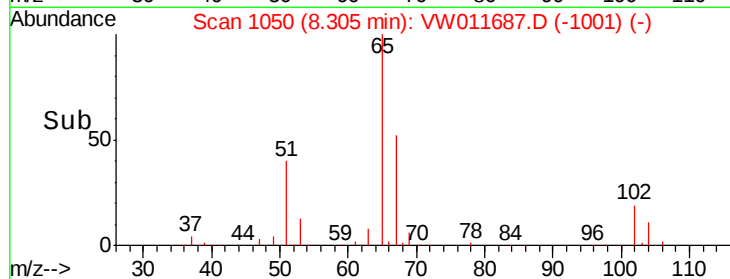
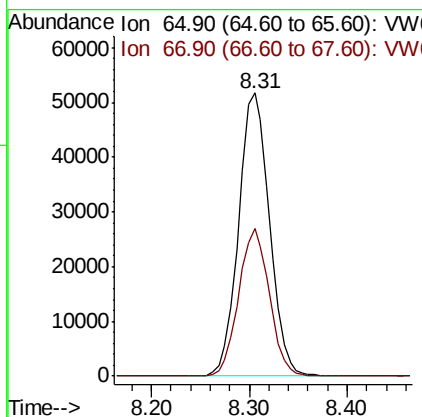
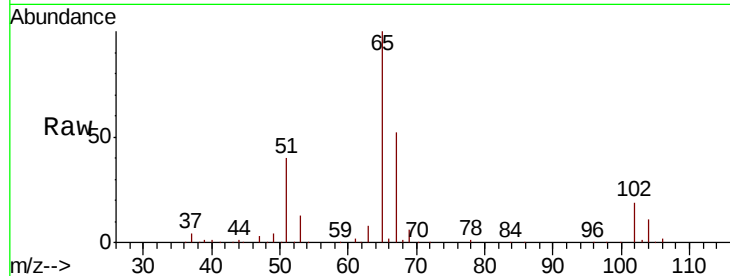




#33
 1,2-Dichloroethane-d4
 Concen: 55.097 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011687.D
 Acq: 04 Aug 2019 02:31

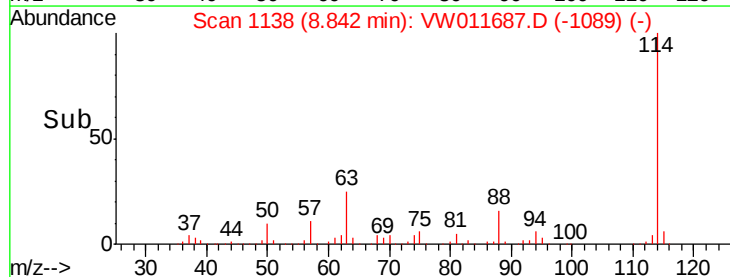
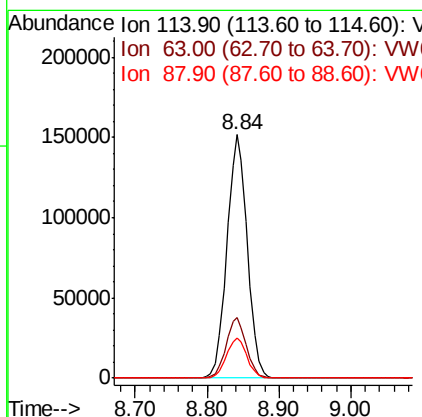
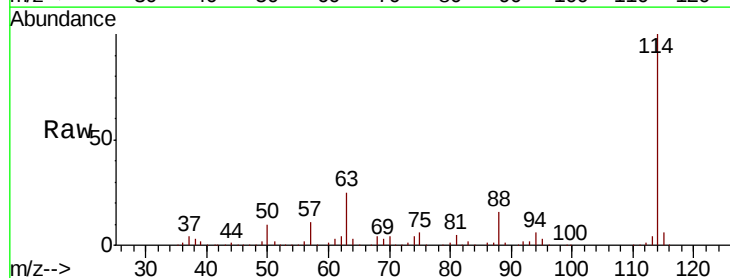
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B4-(0-1)

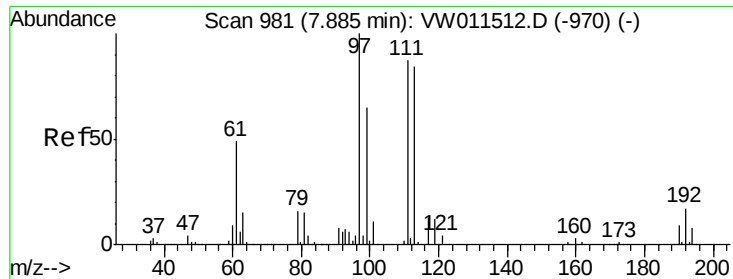
Tot Ion: 65 Resp: 113016
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011687.D
 Acq: 04 Aug 2019 02:31

Tgt Ion: 114 Resp: 296850
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.3 0.0 33.8

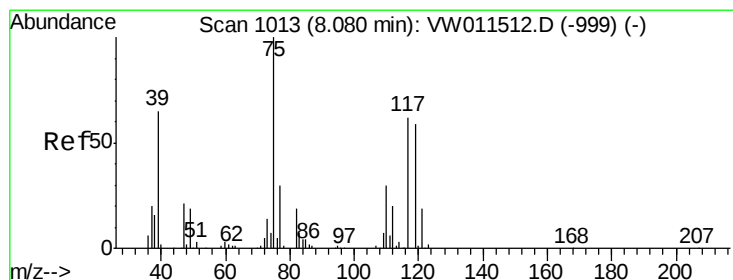
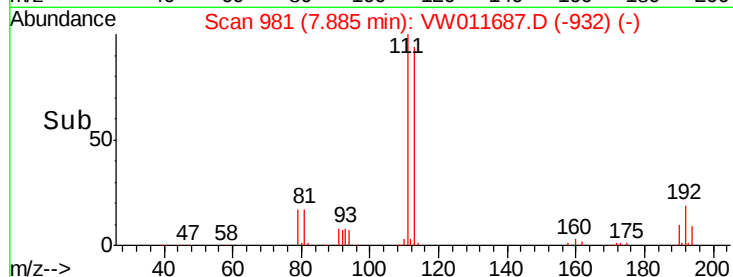
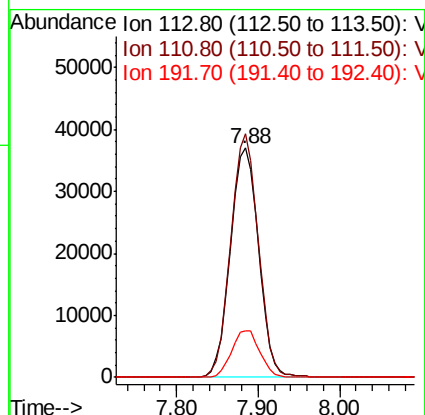
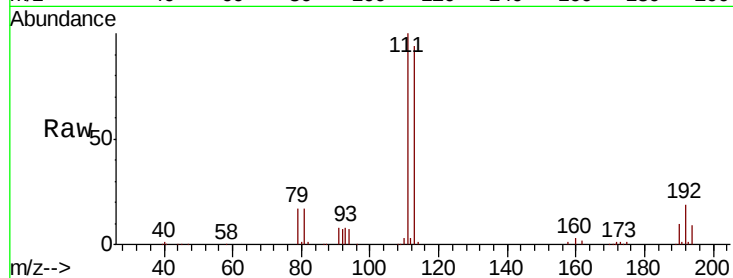




#35
 Dibromofluoromethane
 Concen: 53.150 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011687.D
 Acq: 04 Aug 2019 02:31

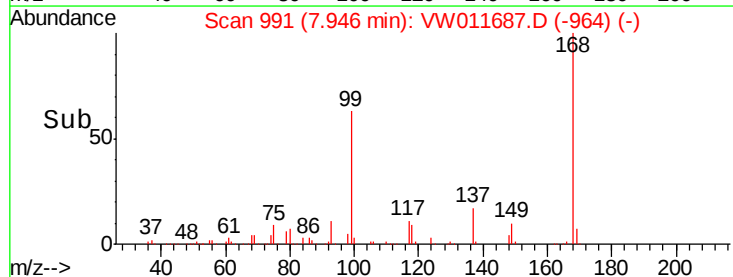
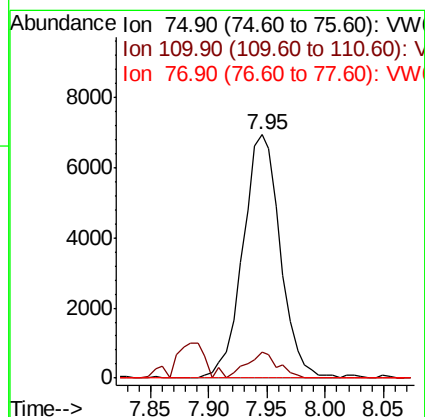
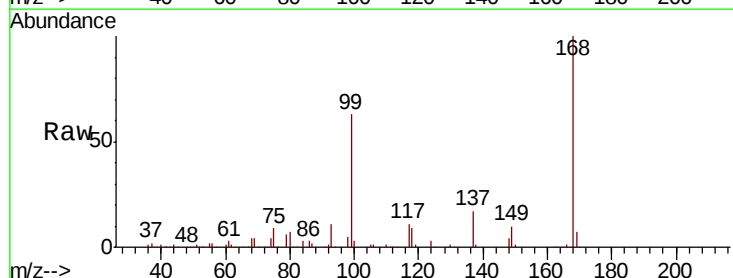
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B4-(0-1)

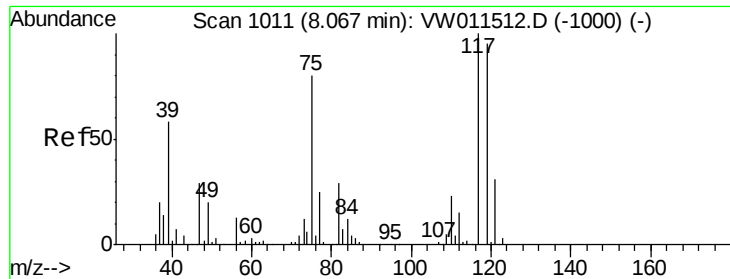
Tot Ion:113 Resp: 88515
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.4 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.023 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011687.D
 Acq: 04 Aug 2019 02:31

Tgt Ion: 75 Resp: 15503
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.3 36.5#

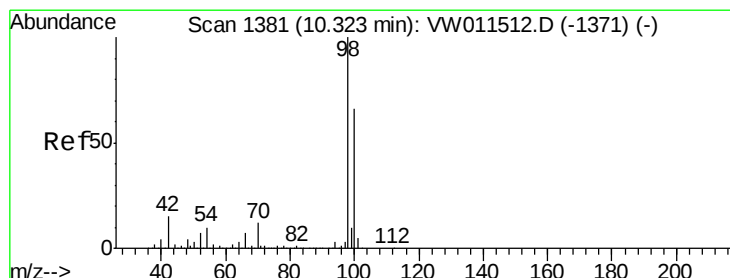
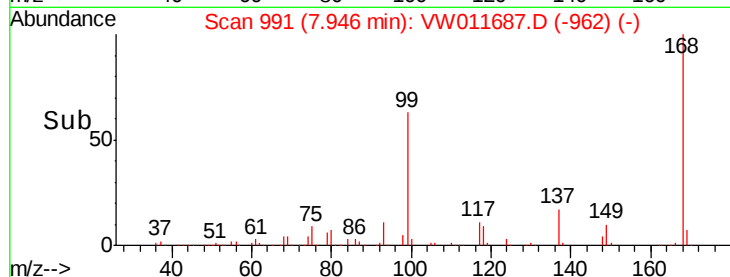
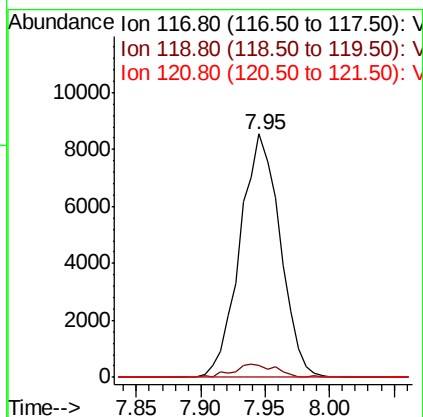
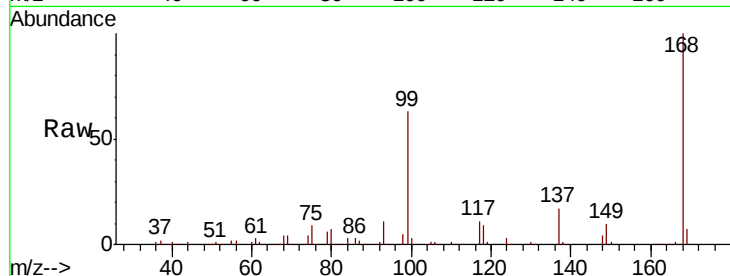




#38
Carbon Tetrachloride
Concen: 6.980 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

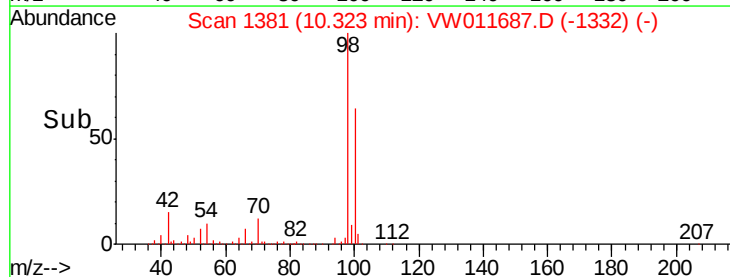
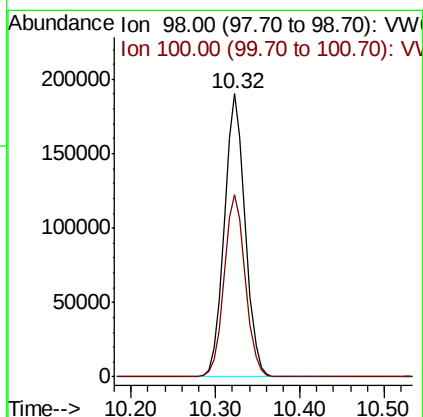
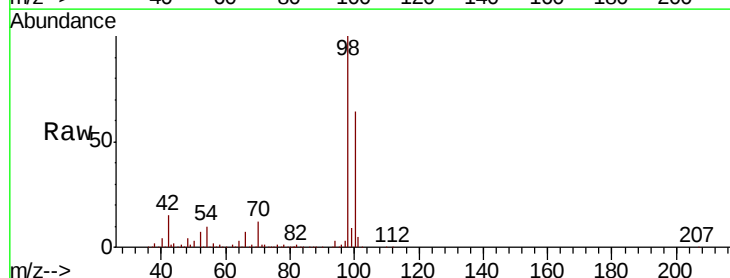
Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(0-1)

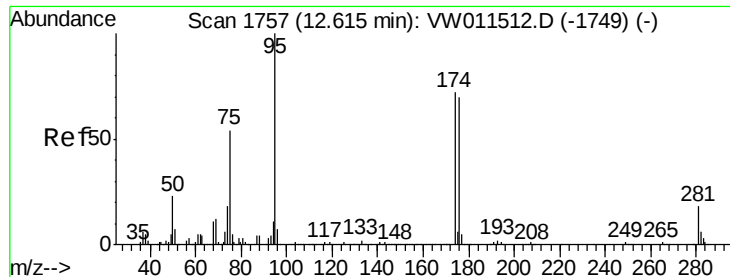
Tot Ion:117 Resp: 18444
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.405 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Tgt Ion: 98 Resp: 323235
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

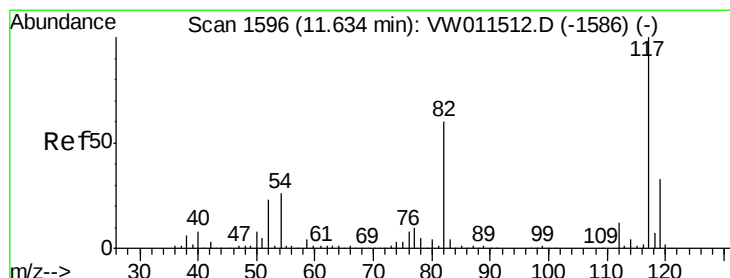
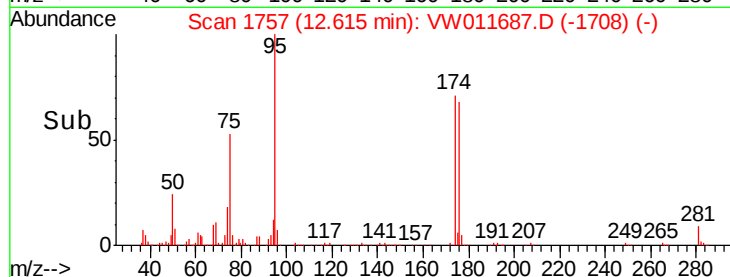
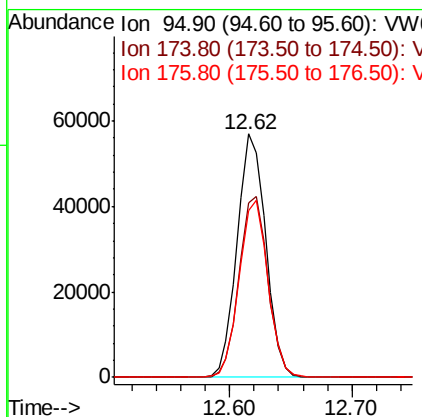
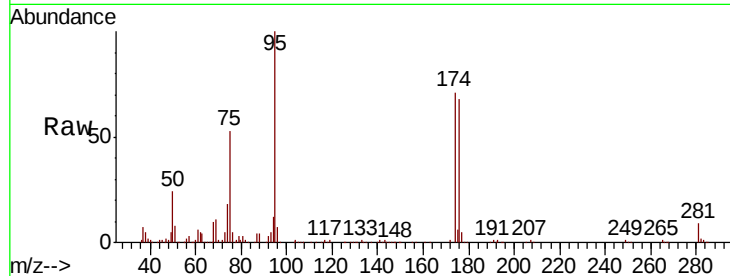




#62
4-Bromofluorobenzene
Concen: 38.046 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

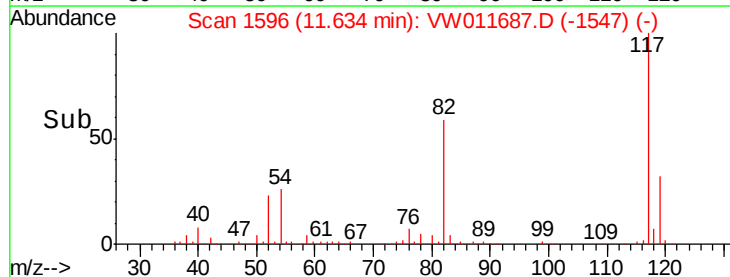
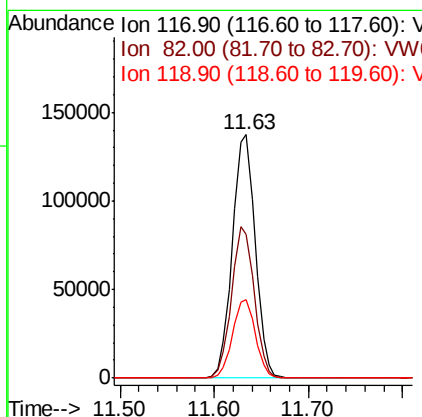
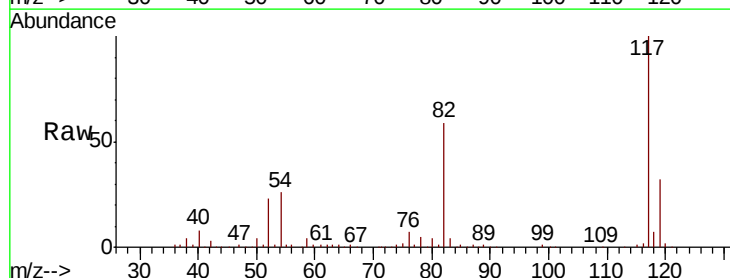
Instrument :
MSVOA_W
ClientSampled :
1S-B4-(0-1)

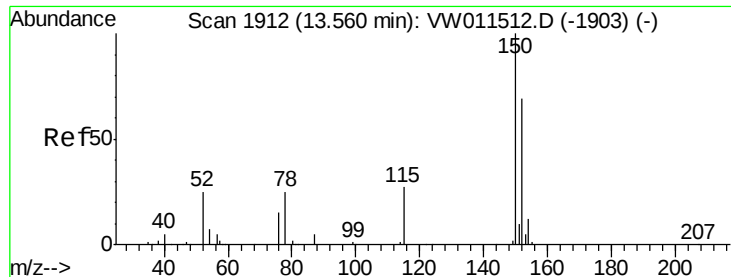
Tot Ion: 95 Resp: 92487
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 73.1 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Tgt Ion: 117 Resp: 232555
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 32.1 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

1S-B4-(0-1)

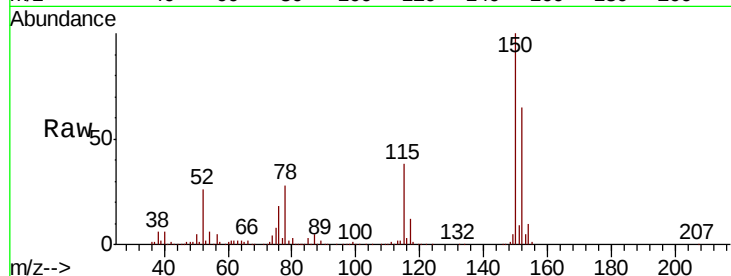
Tot Ion:152 Resp: 83569

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

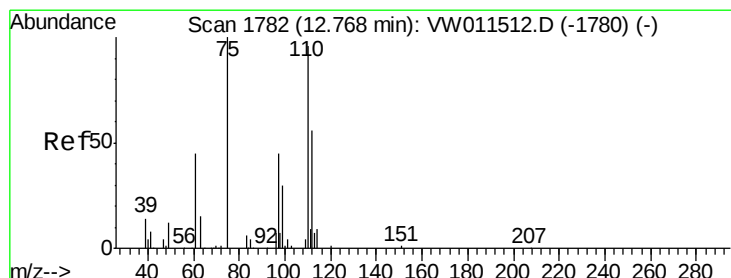
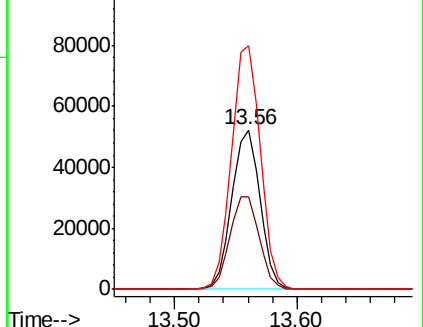
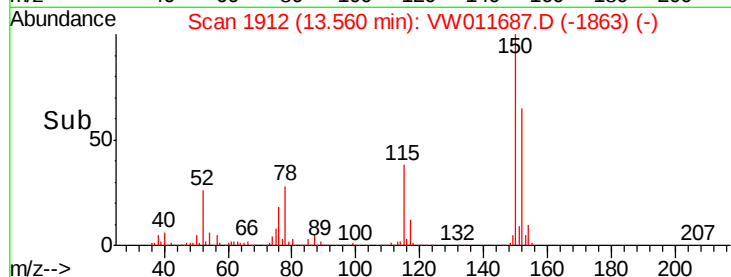
150 156.2 0.0 352.6



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: 56.806 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011687.D

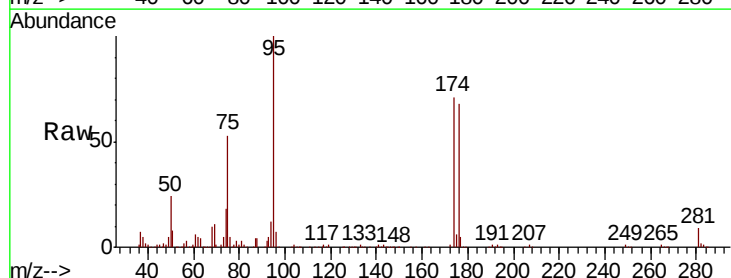
Acq: 04 Aug 2019 02:31

Tgt Ion: 75 Resp: 50231

Ion Ratio Lower Upper

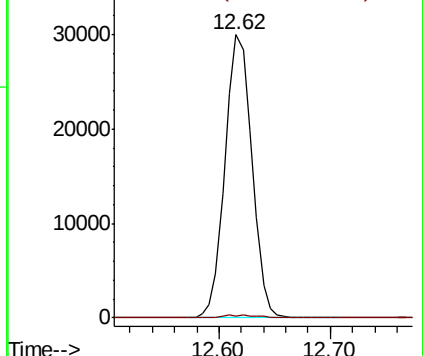
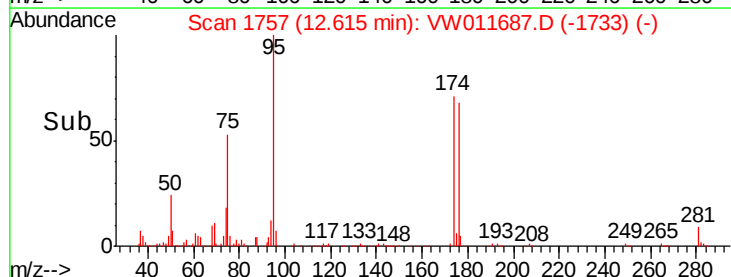
75 100

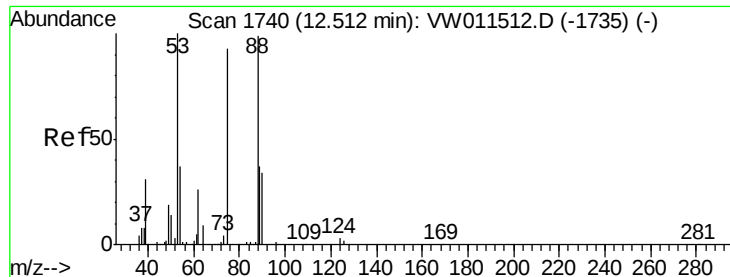
77 1.4 0.0 0.0#



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: 130.918 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

1S-B4-(0-1)

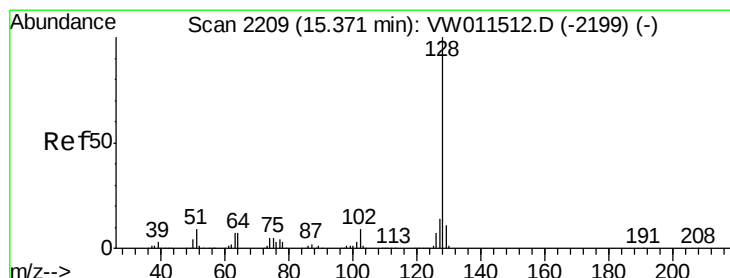
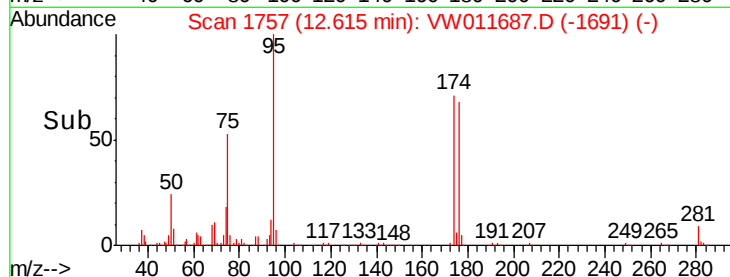
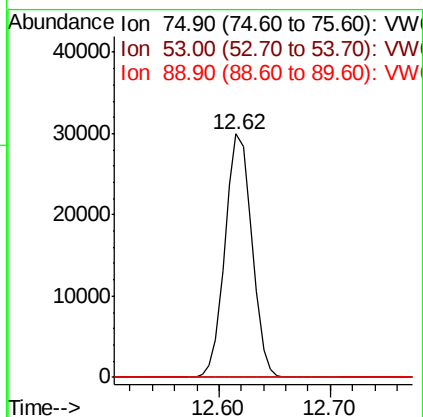
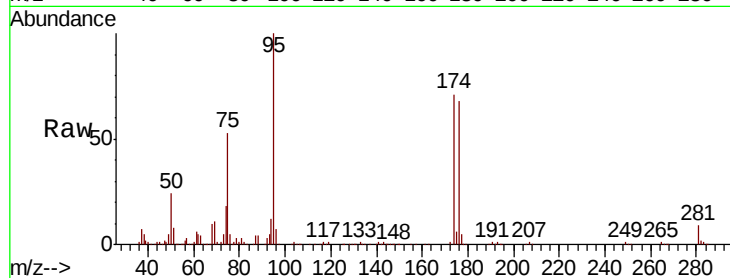
Tot Ion: 75 Resp: 50231

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#



#95

Naphthalene

Concen: 2.170 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

Tgt Ion: 128 Resp: 358

Ion Ratio Lower Upper

128 100

127 8.7 10.6 16.0#

129 6.1 8.6 13.0#

