

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011075.D
 Acq On : 01 Jul 2019 10:43
 Operator : SY/VA
 Sample : VW0701SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

Quant Time: Jul 02 08:33:37 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	200373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123500	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	133028	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
35) Dibromofluoromethane	7.88	113	104460	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.32	98	423724	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	137644	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	

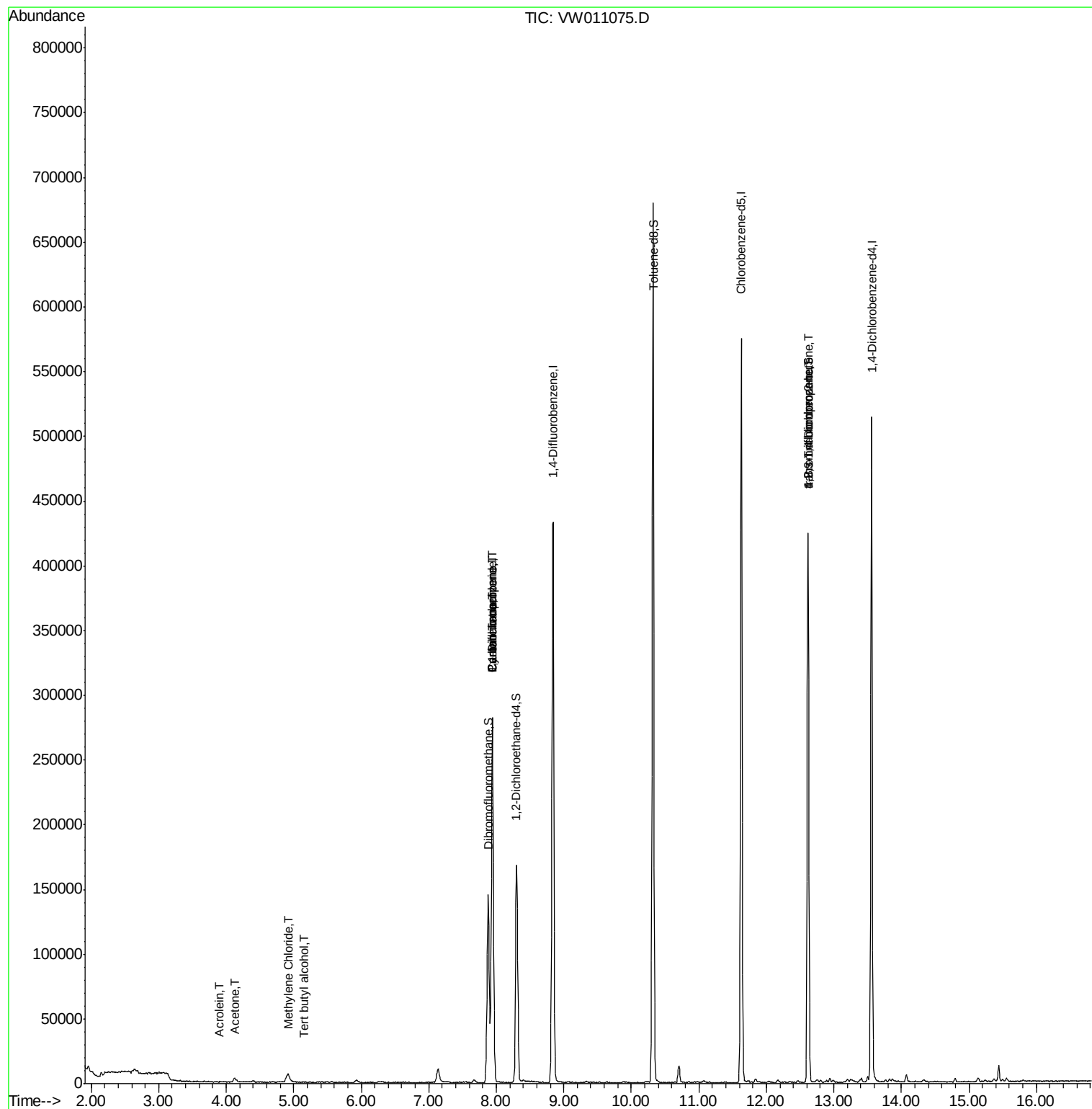
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	340	1.787	ug/l #	71
13) Acrolein	3.90	56	155	1.045	ug/l #	39
16) Acetone	4.12	43	6774	10.595	ug/l	98
20) Methylene Chloride	4.92	84	5182	1.995	ug/l #	93
31) Cyclohexane	7.94	56	5620	1.122	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	18157	4.936	ug/l #	51
38) Carbon Tetrachloride	7.94	117	20353	6.719	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75479	57.890	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75479	117.170	ug/l #	3

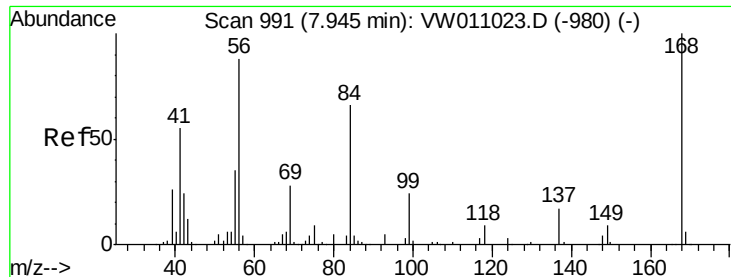
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
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: VW011075.D

Acq: 01 Jul 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

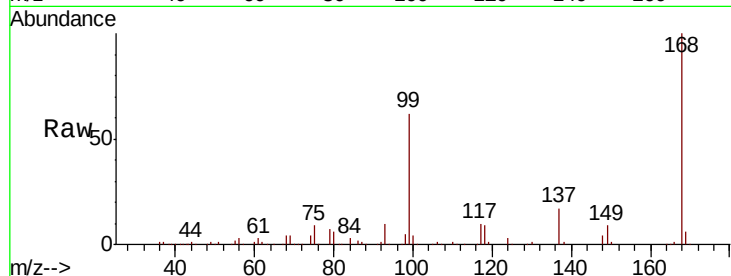
VW0701SBL01

Tot Ion:168 Resp: 200373

Ion Ratio Lower Upper

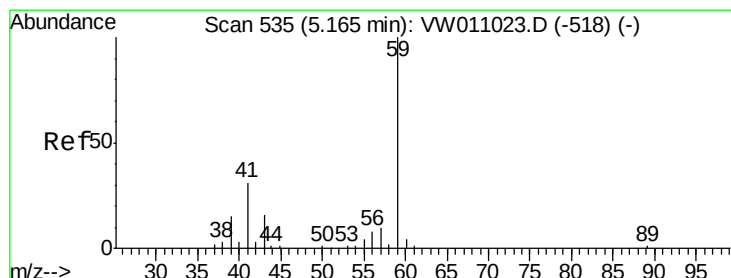
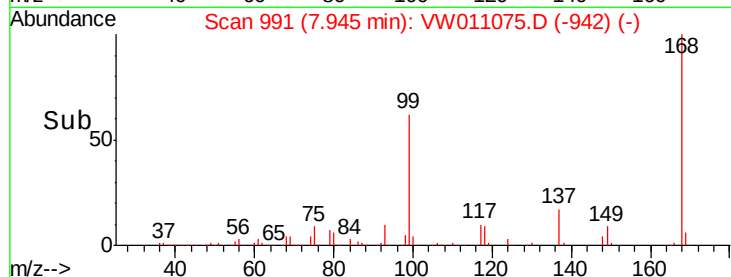
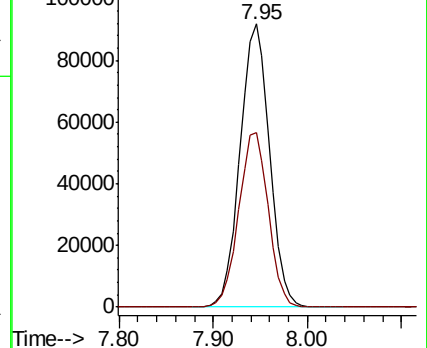
168 100

99 61.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.787 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011075.D

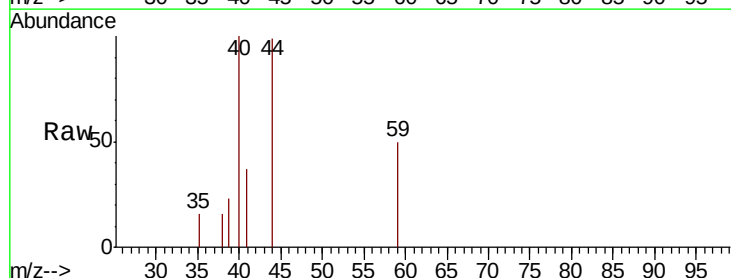
Acq: 01 Jul 2019 10:43

Tgt Ion: 59 Resp: 340

Ion Ratio Lower Upper

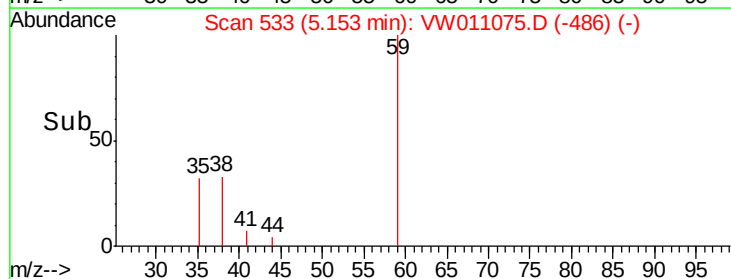
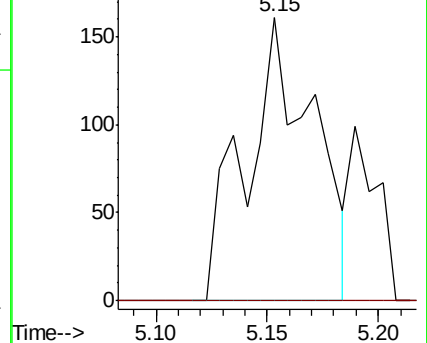
59 100

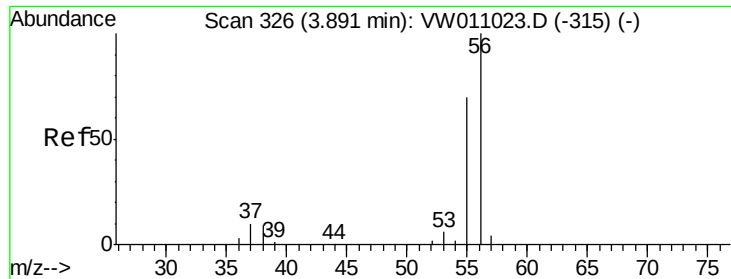
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.045 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW011075.D

Acq: 01 Jul 2019 10:43

Instrument :

MSVOA_W

ClientSampled :

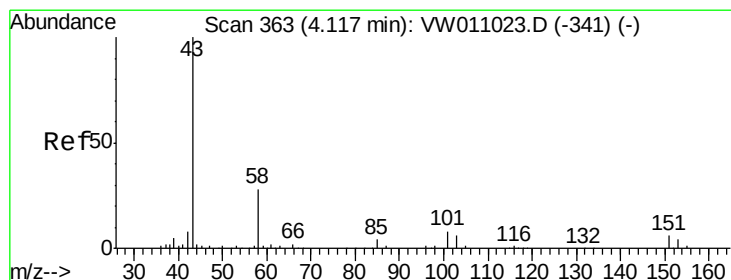
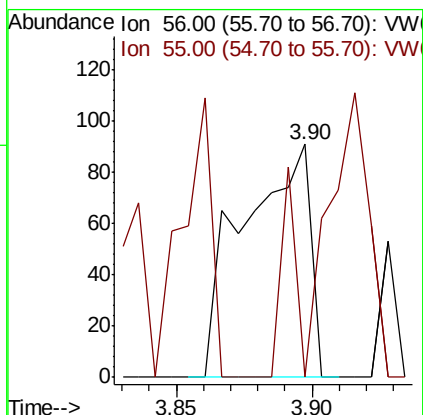
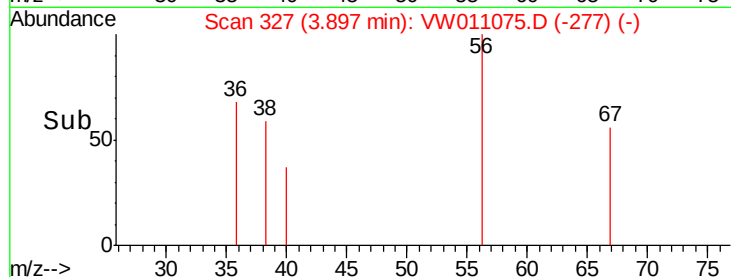
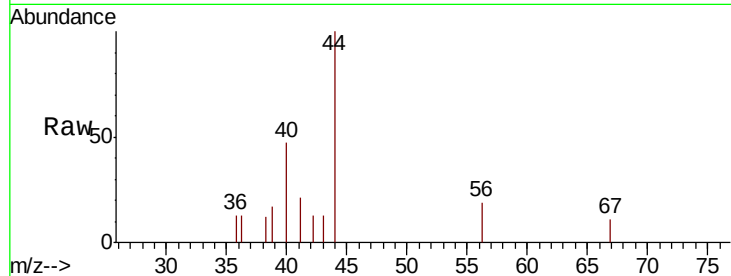
VW0701SBL01

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 19.4 55.7 83.5#



#16

Acetone

Concen: 10.595 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011075.D

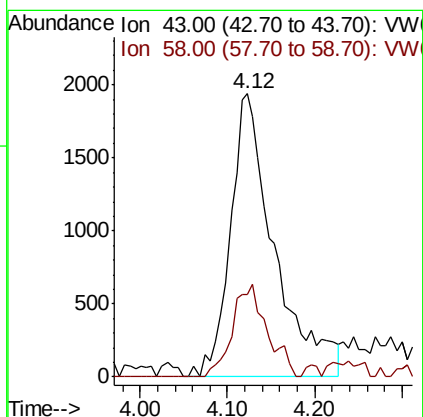
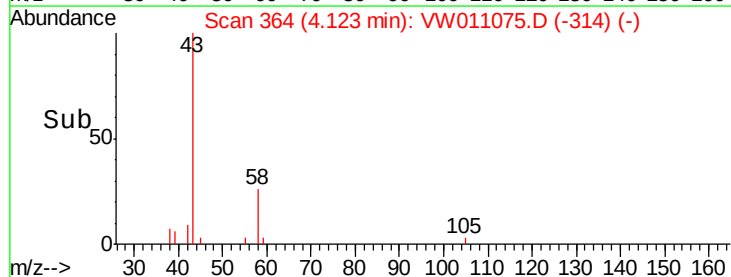
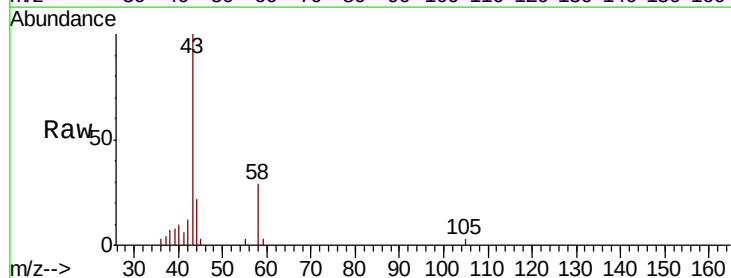
Acq: 01 Jul 2019 10:43

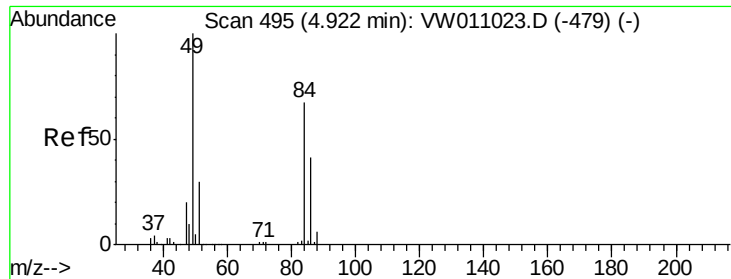
Tgt Ion: 43 Resp: 6774

Ion Ratio Lower Upper

43 100

58 29.2 22.5 33.7

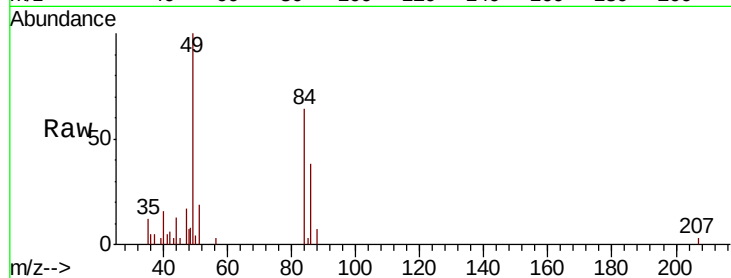




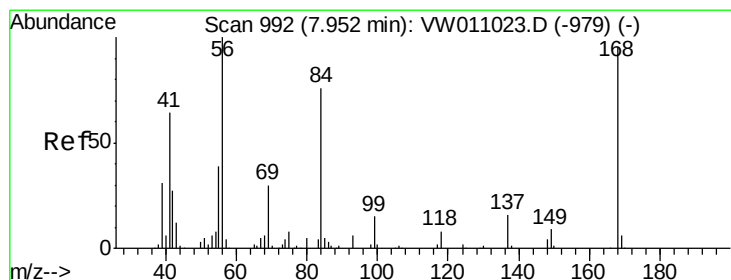
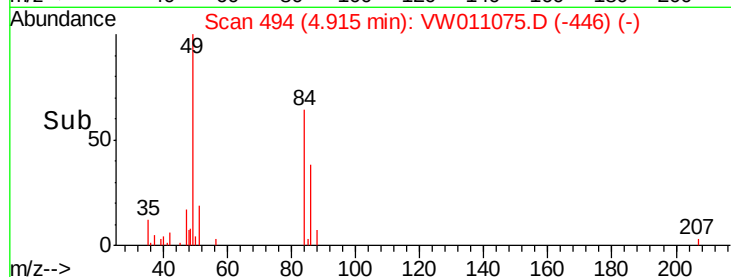
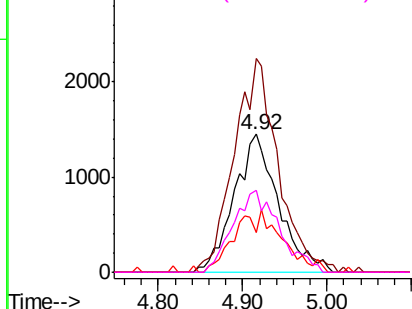
#20
Methylene Chloride
Concen: 1.995 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011075.D
Acq: 01 Jul 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

Tot Ion: 84 Resp: 5182
Ion Ratio Lower Upper
84 100
49 155.1 119.6 179.4
51 28.8 35.6 53.4#
86 59.6 49.0 73.6

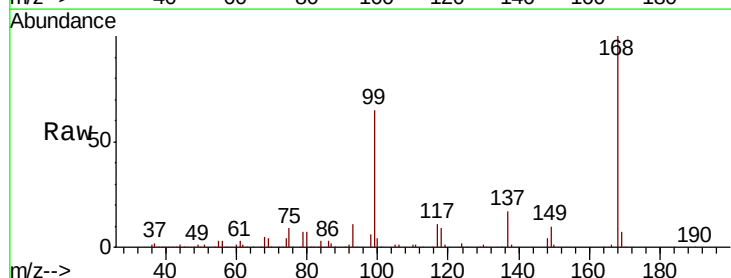


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

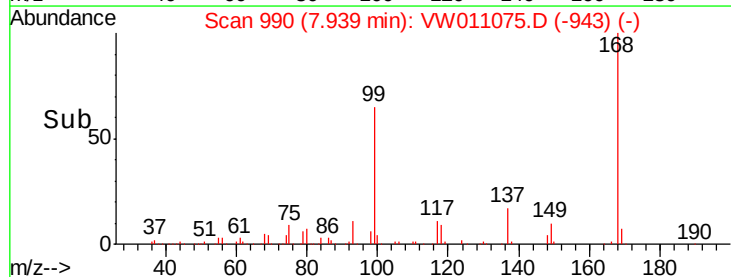
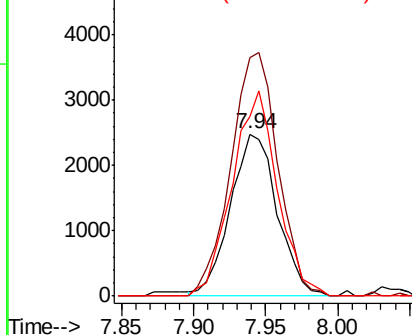


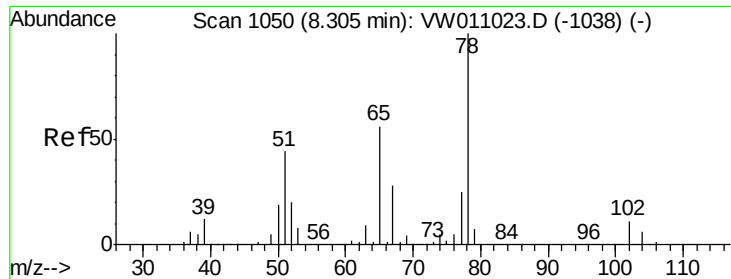
#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011075.D
Acq: 01 Jul 2019 10:43

Tgt Ion: 56 Resp: 5620
Ion Ratio Lower Upper
56 100
69 147.4 24.2 36.2#
84 110.5 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

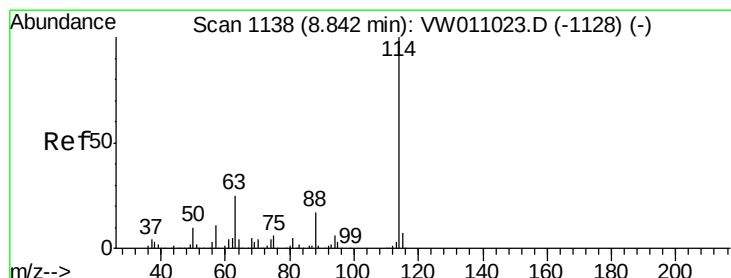
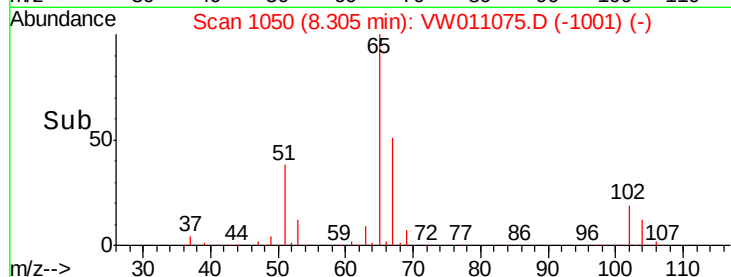
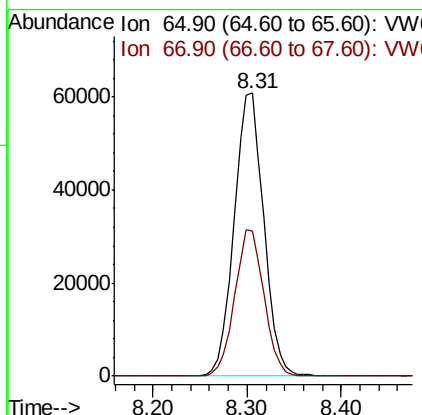
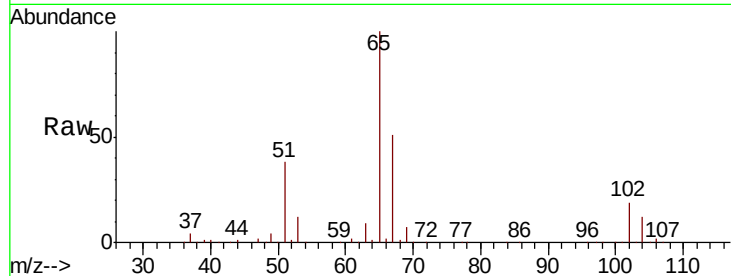




#33
 1,2-Dichloroethane-d4
 Concen: 50.785 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011075.D
 Acq: 01 Jul 2019 10:43

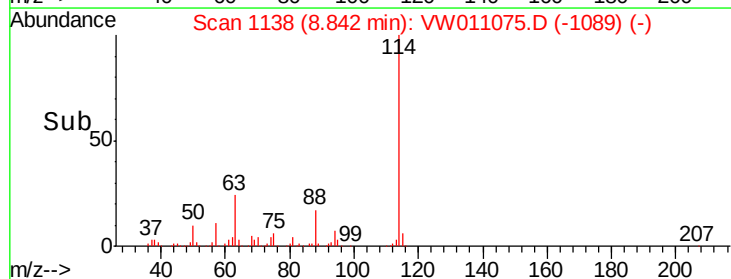
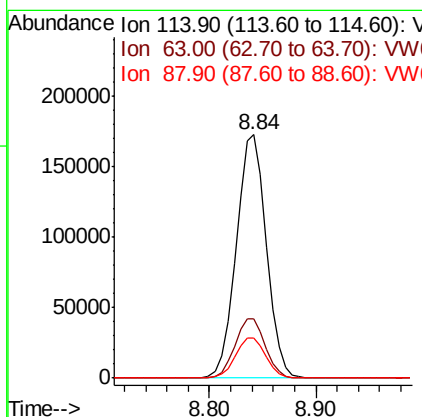
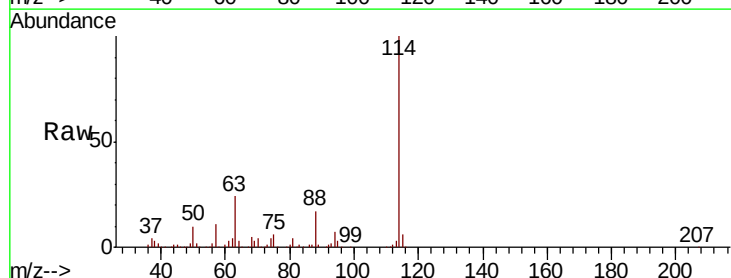
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

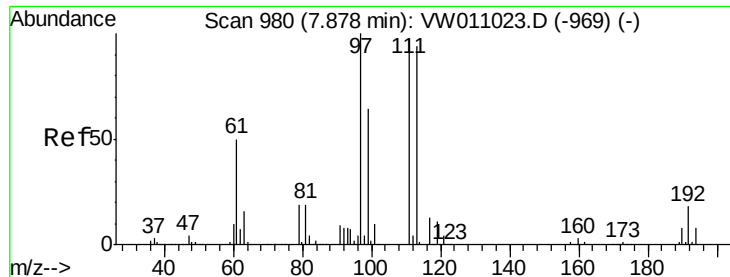
Tot Ion: 65 Resp: 133028
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011075.D
 Acq: 01 Jul 2019 10:43

Tgt Ion: 114 Resp: 342247
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.5 0.0 34.0

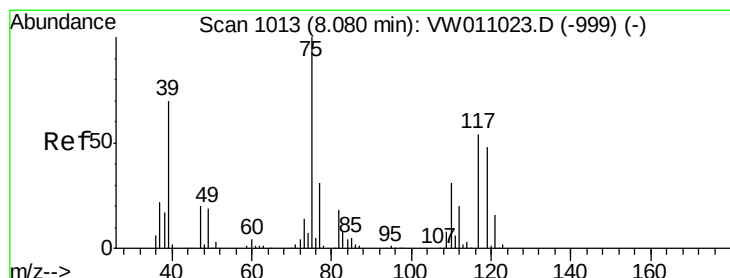
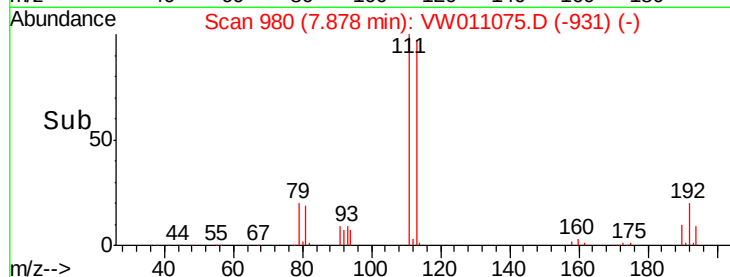
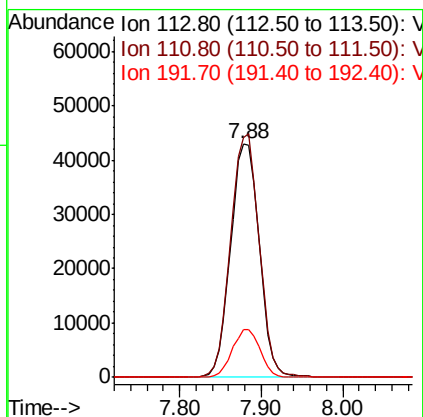
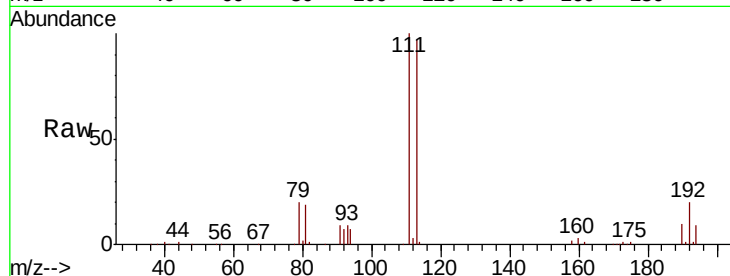




#35
 Dibromofluoromethane
 Concen: 49.983 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011075.D
 Acq: 01 Jul 2019 10:43

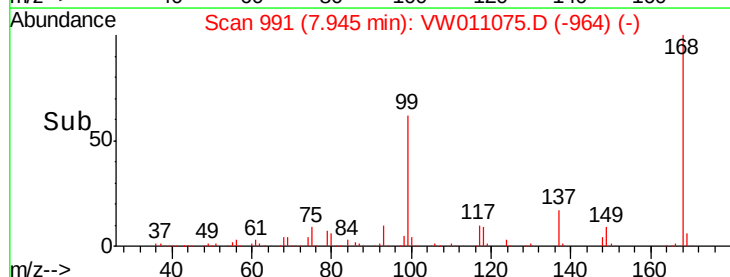
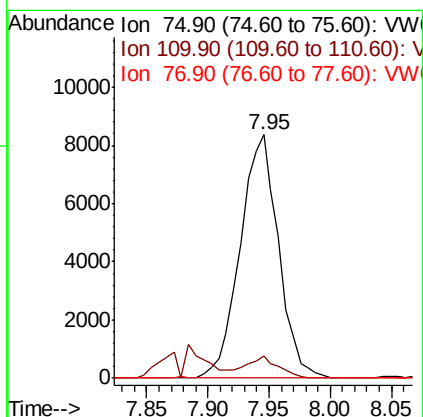
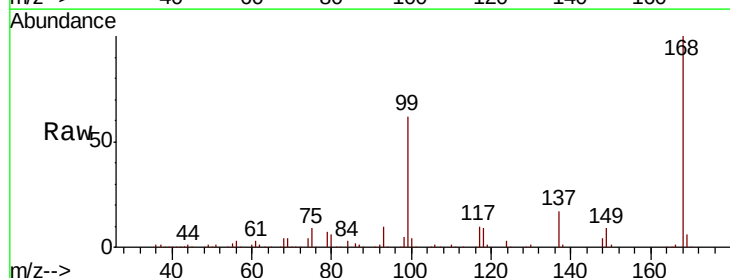
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBL01

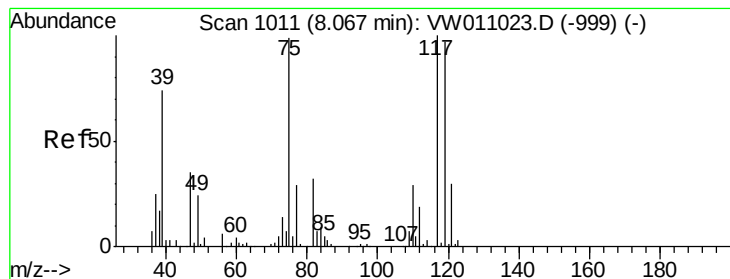
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	19.9	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011075.D
 Acq: 01 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.5	46.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW011075.D

Acq: 01 Jul 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBL01

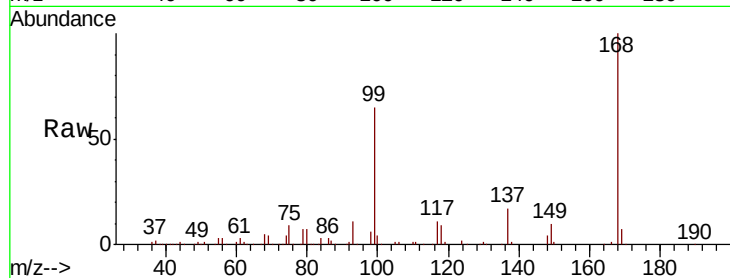
Tot Ion:117 Resp: 20353

Ion Ratio Lower Upper

117 100

119 5.4 77.7 116.5#

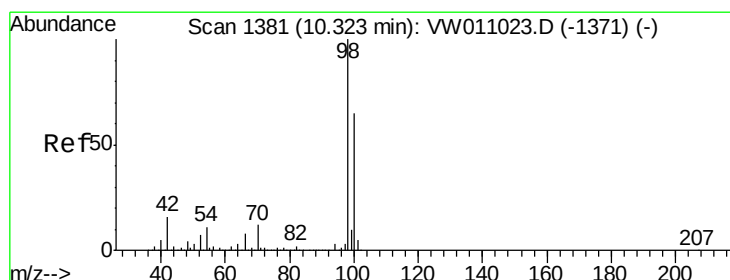
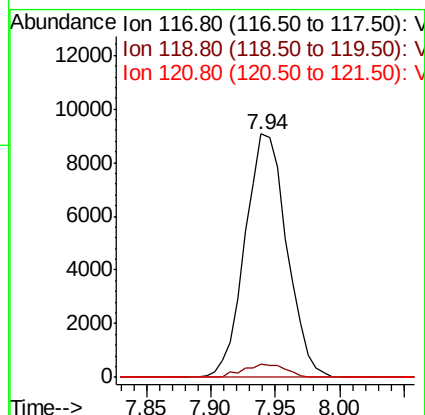
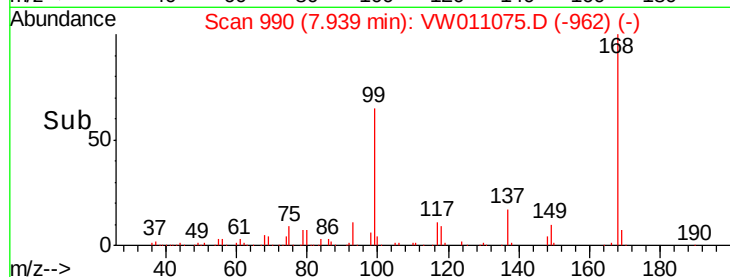
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011075.D

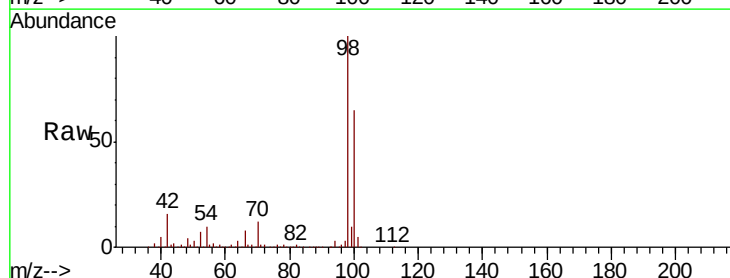
Acq: 01 Jul 2019 10:43

Tgt Ion: 98 Resp: 423724

Ion Ratio Lower Upper

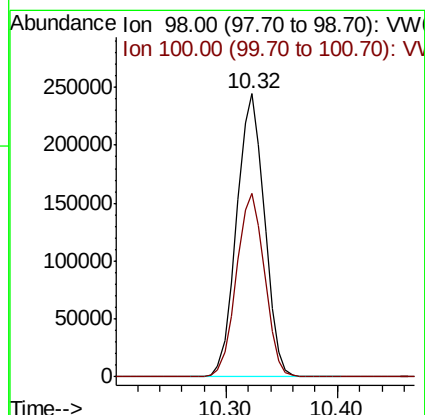
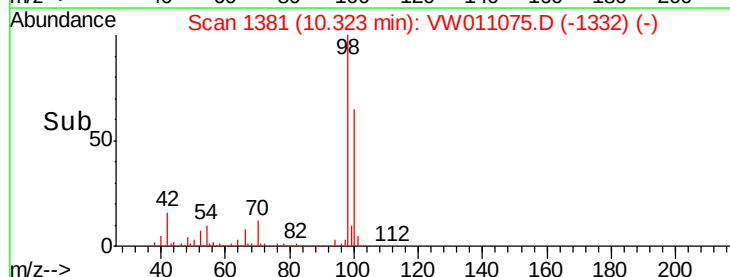
98 100

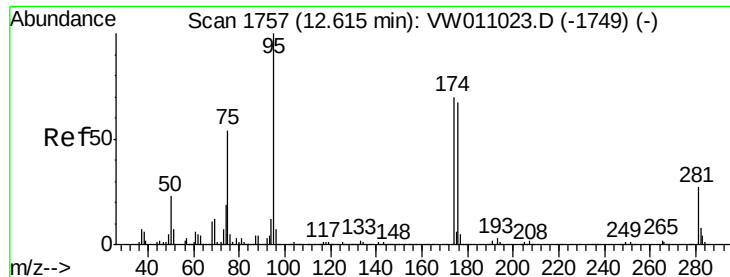
100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

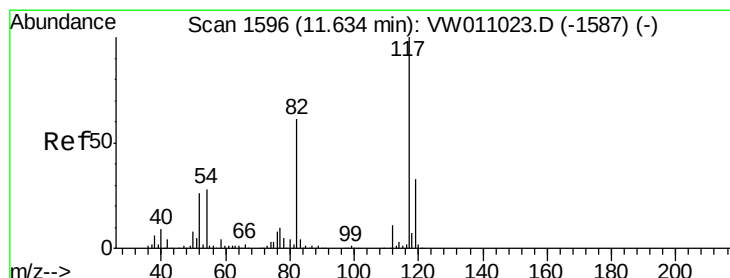
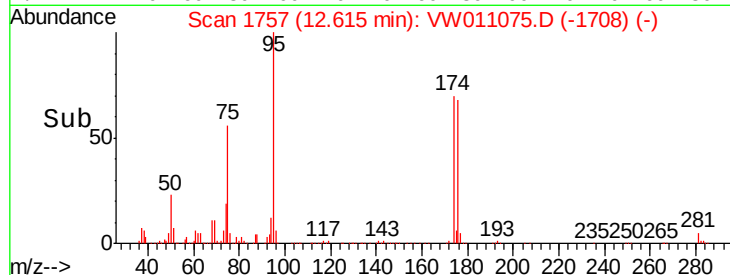
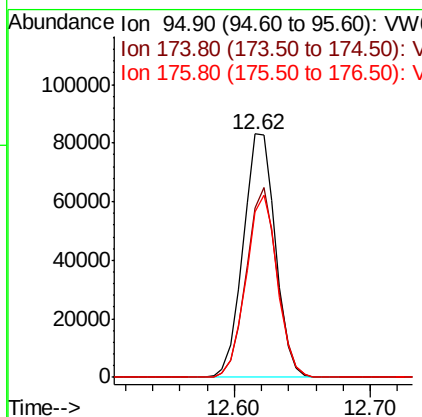
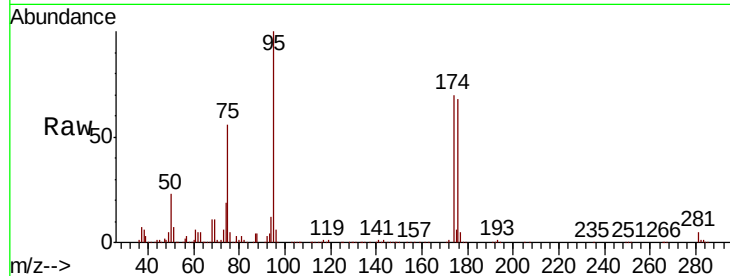




#62
4-Bromofluorobenzene
Concen: 43.747 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011075.D
Acq: 01 Jul 2019 10:43

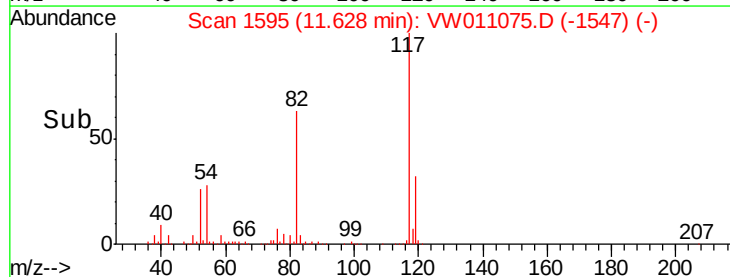
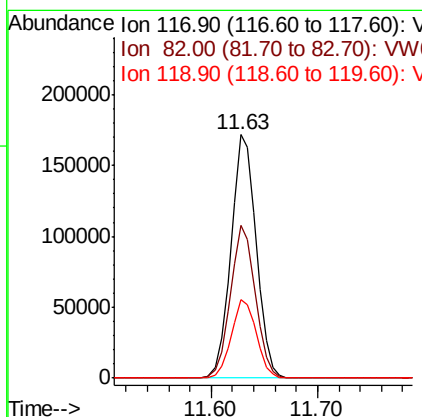
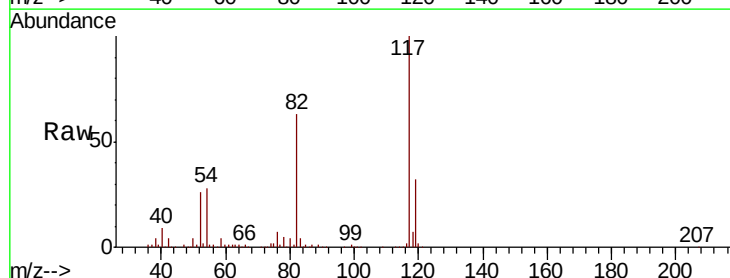
Instrument :
MSVOA_W
ClientSampleId :
VW0701SBL01

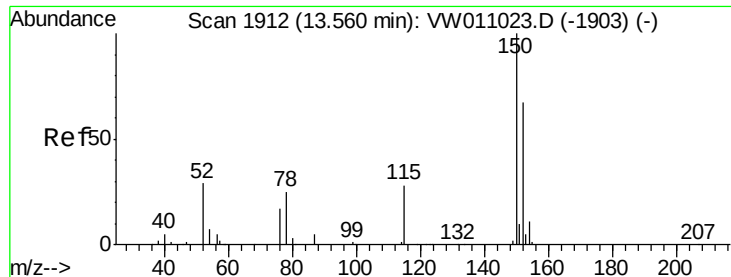
Tot Ion: 95 Resp: 137644
Ion Ratio Lower Upper
95 100
174 74.8 0.0 149.2
176 72.8 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011075.D
Acq: 01 Jul 2019 10:43

Tgt Ion: 117 Resp: 286107
Ion Ratio Lower Upper
117 100
82 62.9 48.6 73.0
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011075.D

Acq: 01 Jul 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBL01

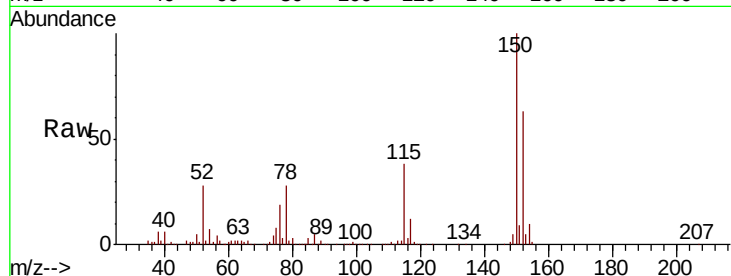
Tot Ion:152 Resp: 123500

Ion Ratio Lower Upper

152 100

115 60.6 30.7 92.1

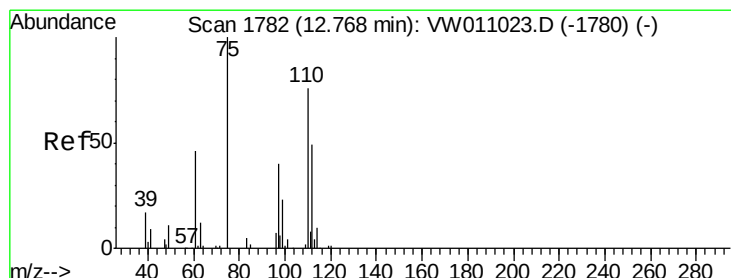
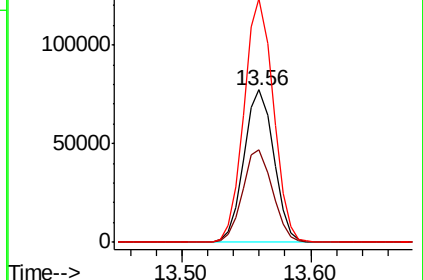
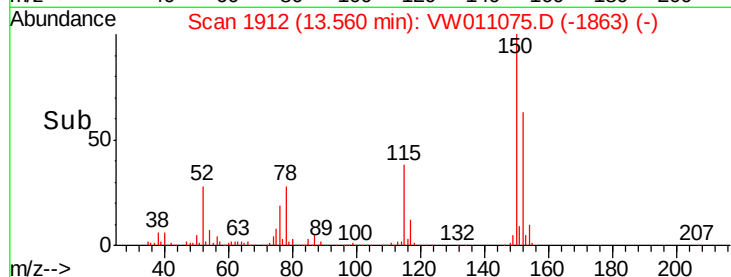
150 157.4 0.0 341.8



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: 57.890 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011075.D

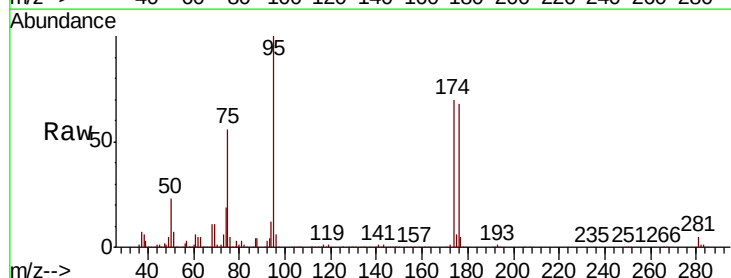
Acq: 01 Jul 2019 10:43

Tgt Ion: 75 Resp: 75479

Ion Ratio Lower Upper

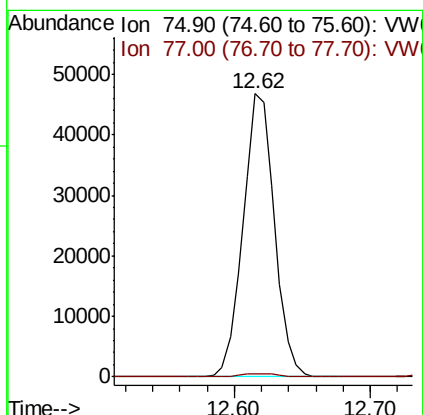
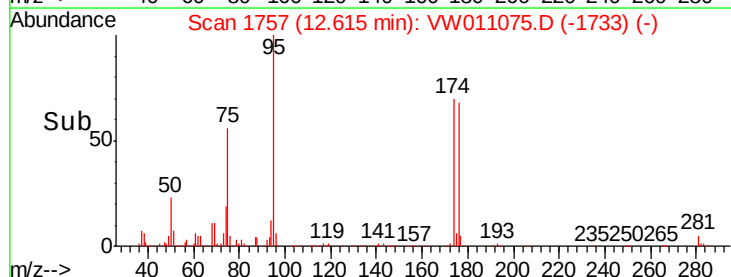
75 100

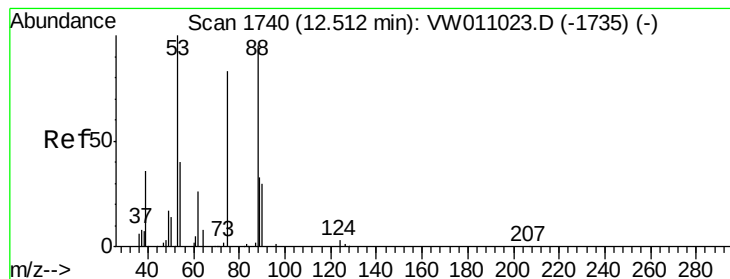
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 117.170 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011075.D

Acq: 01 Jul 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VW0701SBL01

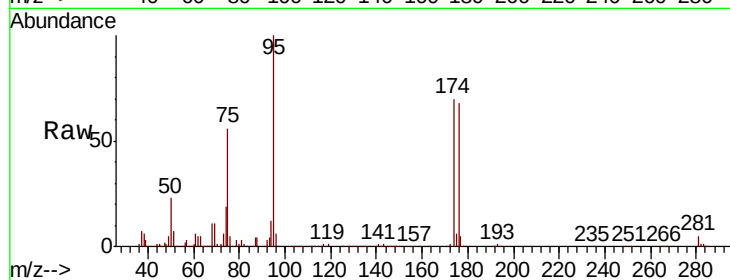
Tot Ion: 75 Resp: 75479

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#



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

