

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010457.D
 Acq On : 20 May 2019 20:07
 Operator : SY/VA
 Sample : VW0520SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBL01

Quant Time: May 21 06:48:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	78050	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	7.88	113	76062	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	289725	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.62	95	111825	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

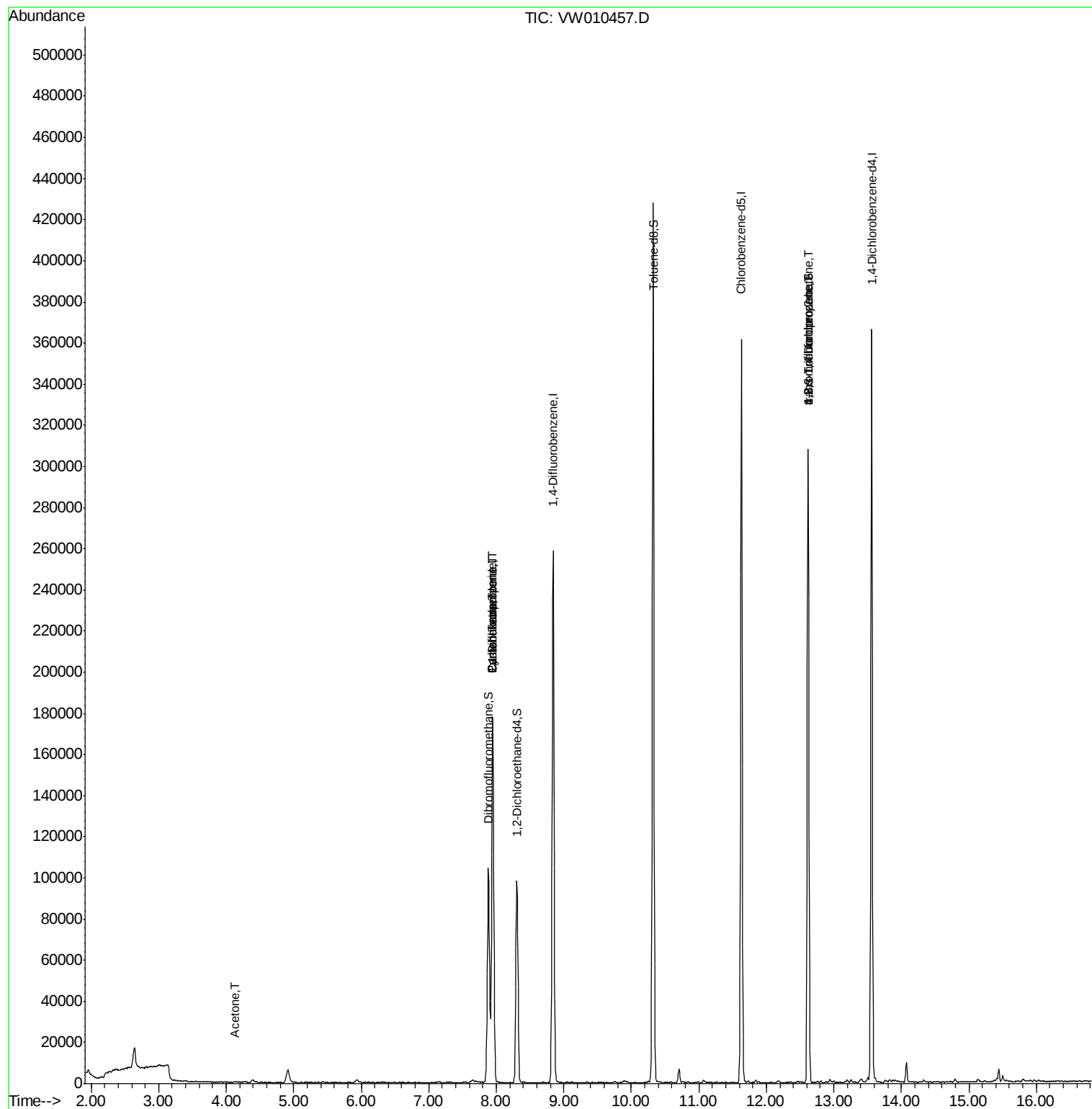
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	200	Below Cal	#	42
13) Acrolein	3.90	56	21	Below Cal	#	1
16) Acetone	4.14	43	994	3.590	ug/l #	86
20) Methylene Chloride	4.91	84	5315	Below Cal		98
31) Cyclohexane	7.95	56	2878	1.117	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	10054	4.625	ug/l #	48
38) Carbon Tetrachloride	7.95	117	13771	5.872	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	53465	55.254	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	53465	115.317	ug/l #	14

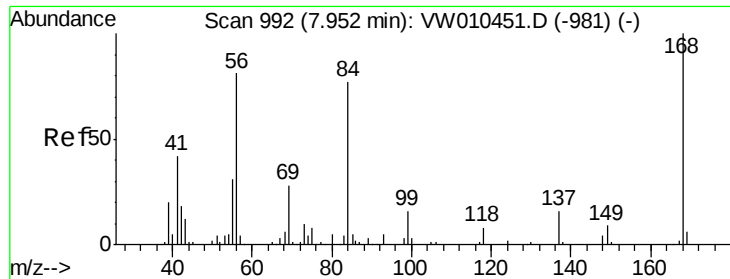
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052019\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: May 21 06:48:41 2019
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

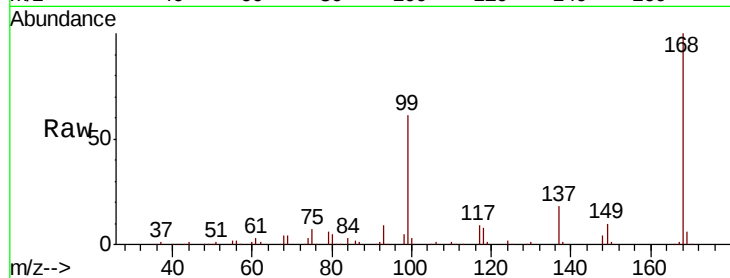
VW0520SBL01

Tot Ion:168 Resp: 131426

Ion Ratio Lower Upper

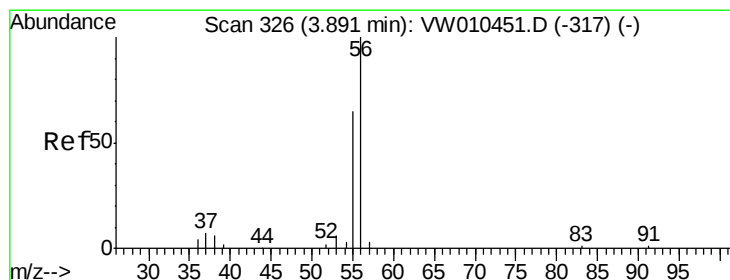
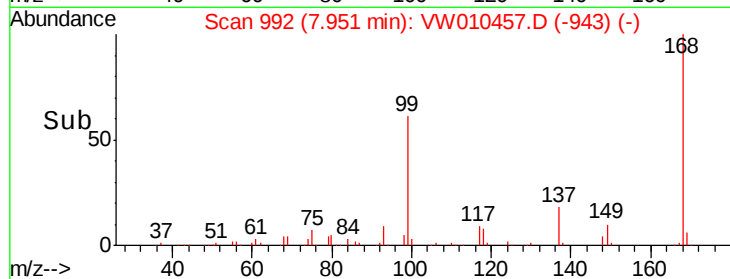
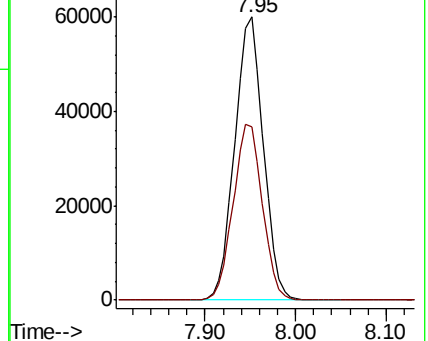
168 100

99 61.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: Below Cal

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010457.D

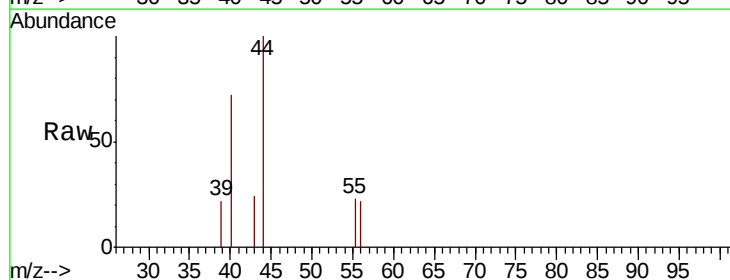
Acq: 20 May 2019 20:07

Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

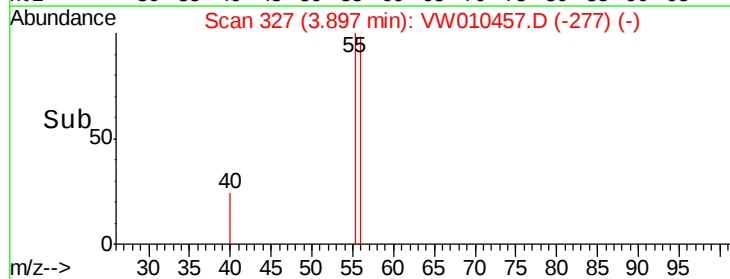
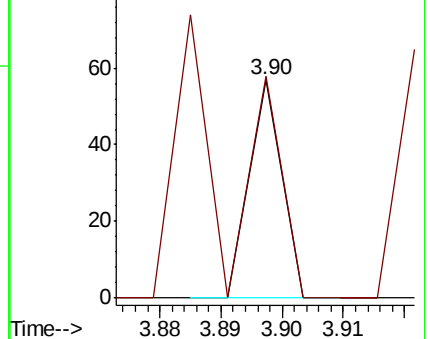
56 100

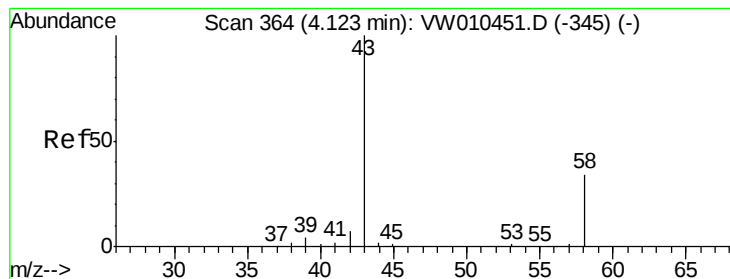
55 228.6 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 3.590 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Instrument :

MSVOA_W

ClientSampled :

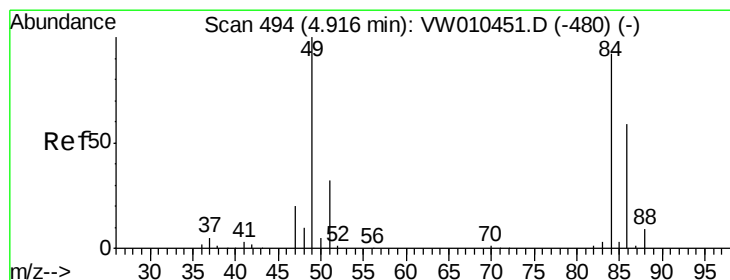
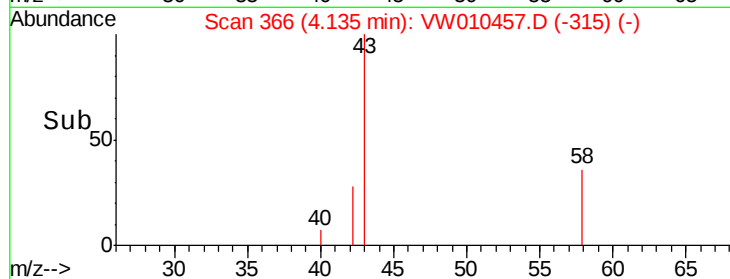
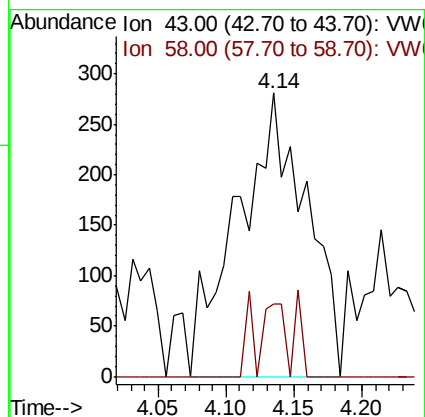
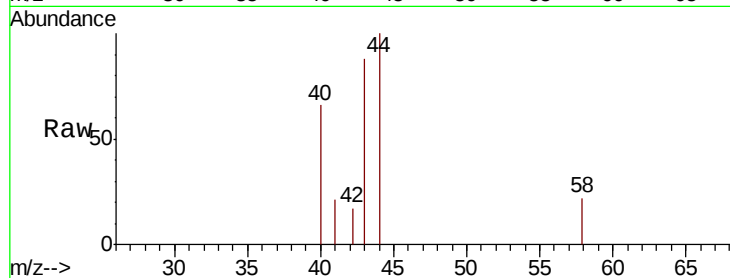
VW0520SBL01

Tot Ion: 43 Resp: 994

Ion Ratio Lower Upper

43 100

58 25.6 27.0 40.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Tgt Ion: 84 Resp: 5315

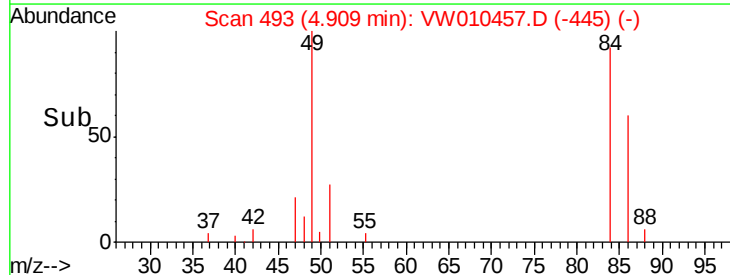
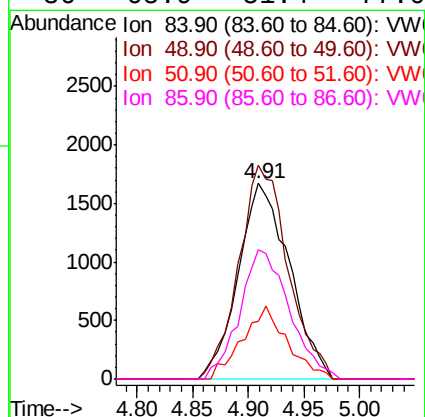
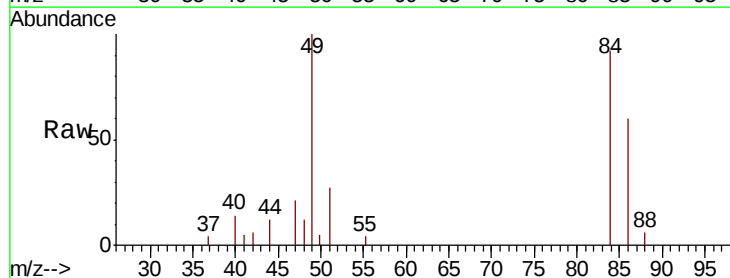
Ion Ratio Lower Upper

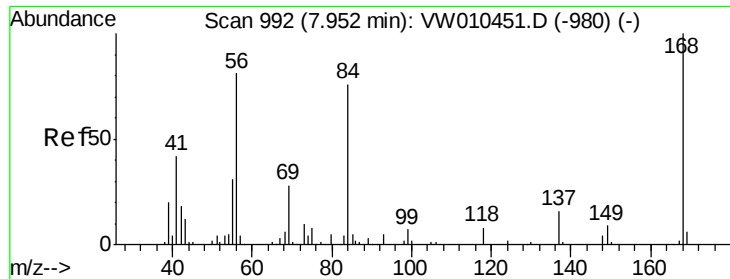
84 100

49 109.1 87.2 130.8

51 29.6 27.7 41.5

86 65.9 51.4 77.0

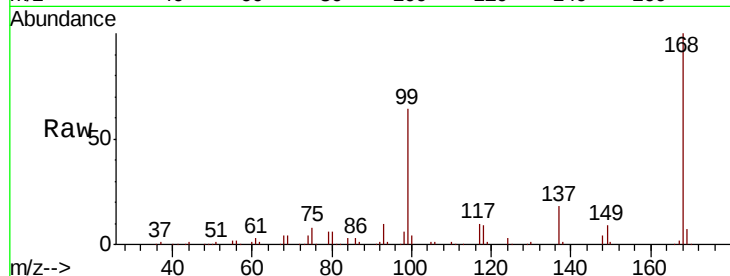




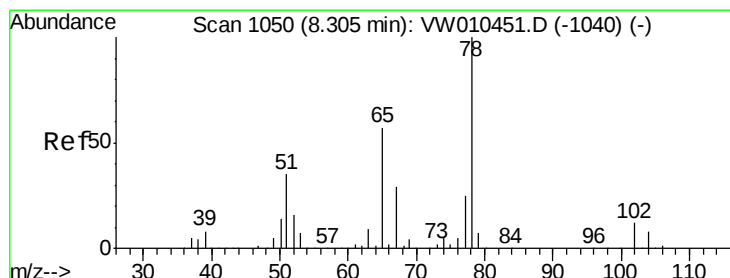
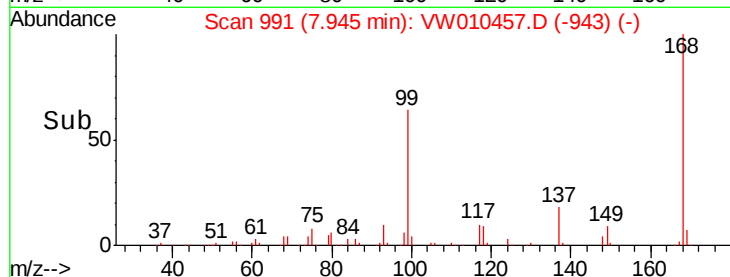
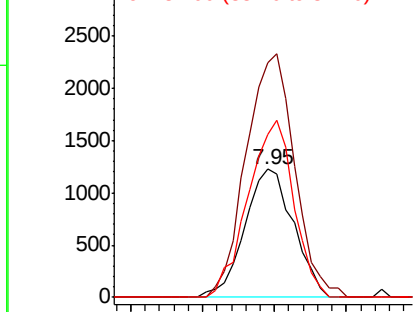
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBL01

Tot Ion: 56 Resp: 2878
Ion Ratio Lower Upper
56 100
69 183.3 28.2 42.2#
84 127.0 75.8 113.8#

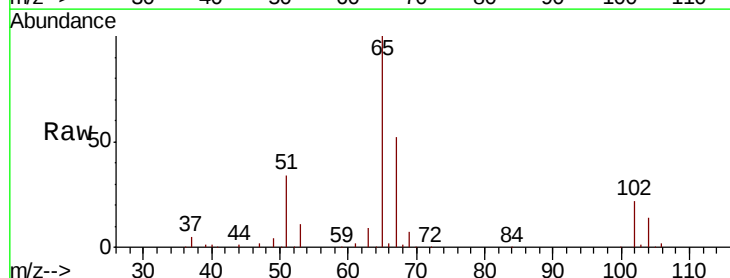


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

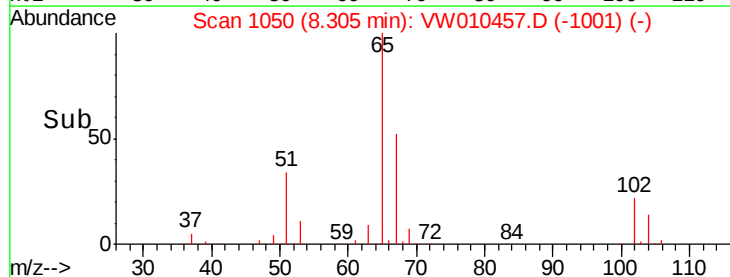
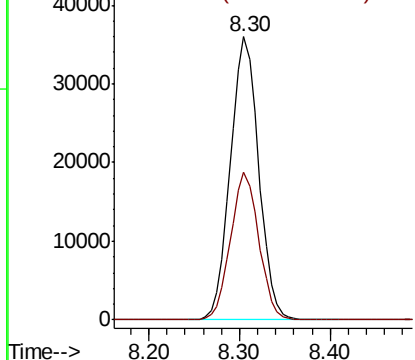


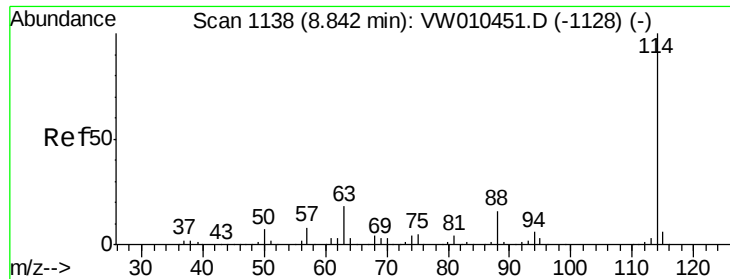
#33
1,2-Dichloroethane-d4
Concen: 57.536 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Tgt Ion: 65 Resp: 78050
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.6



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

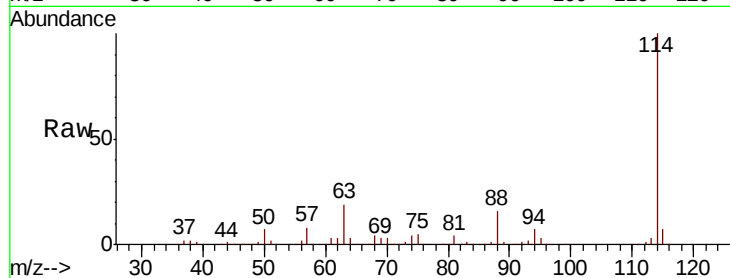




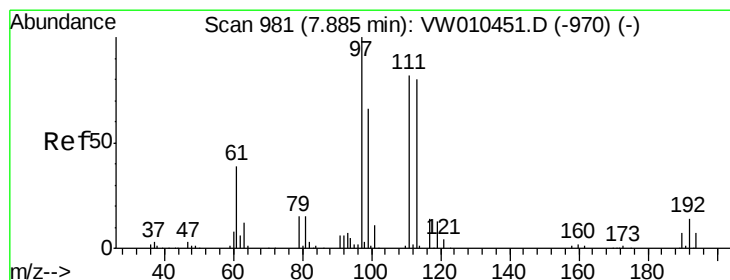
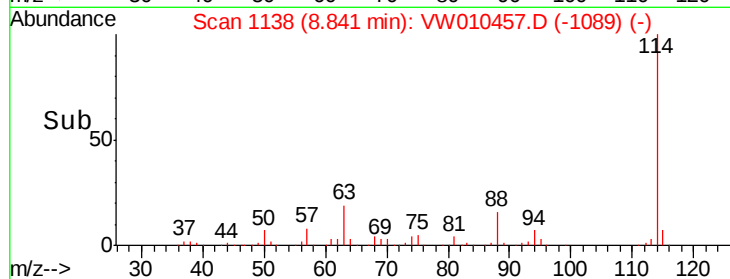
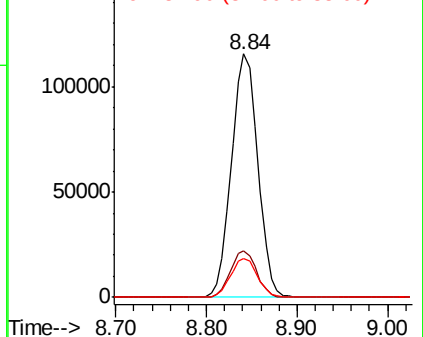
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010457.D
 Acq: 20 May 2019 20:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBL01

Tot Ion:114 Resp: 233369
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.0
 88 16.1 0.0 32.0

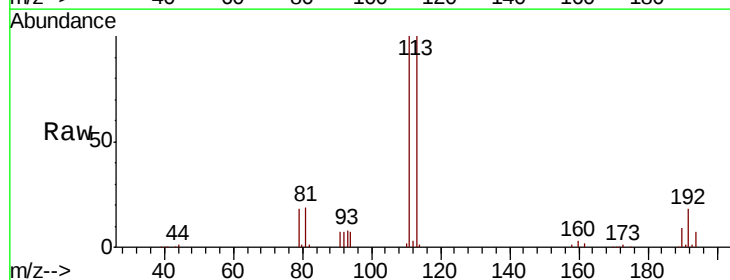


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

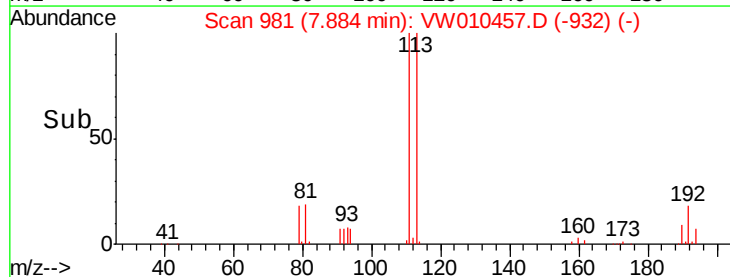
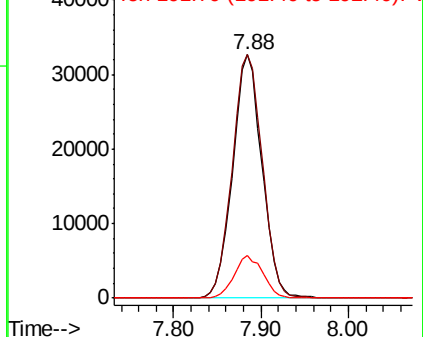


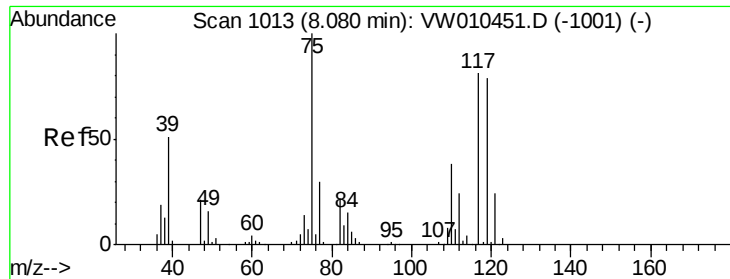
#35
 Dibromofluoromethane
 Concen: 53.715 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010457.D
 Acq: 20 May 2019 20:07

Tgt Ion:113 Resp: 76062
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 17.3 14.3 21.5



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

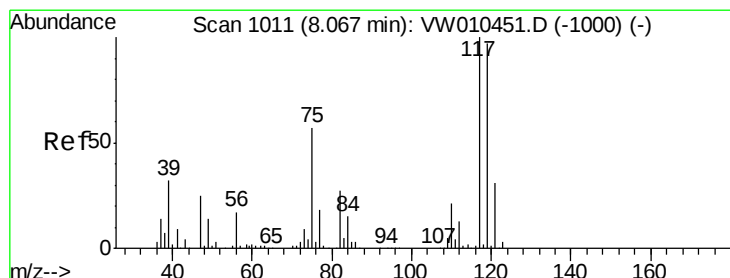
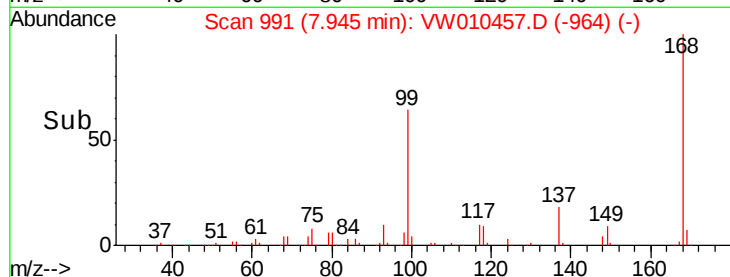
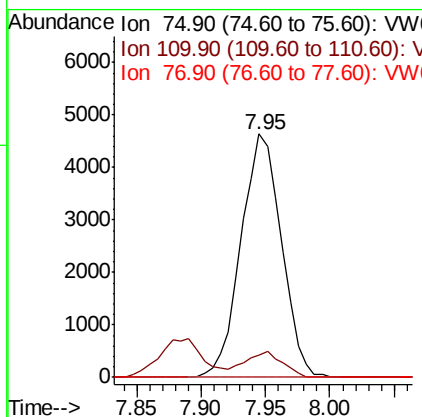
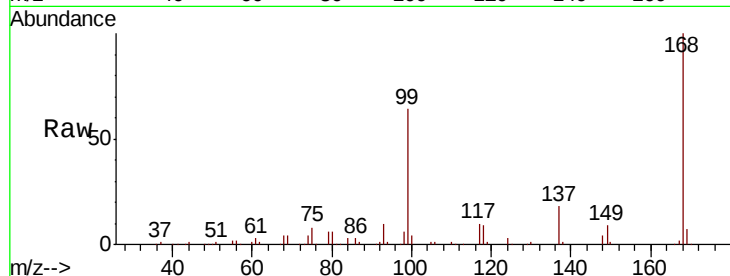




#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010457.D
 Acq: 20 May 2019 20:07

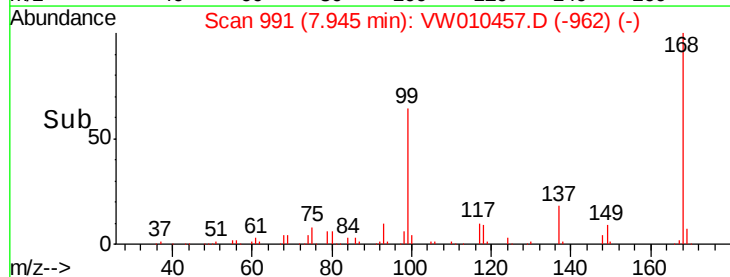
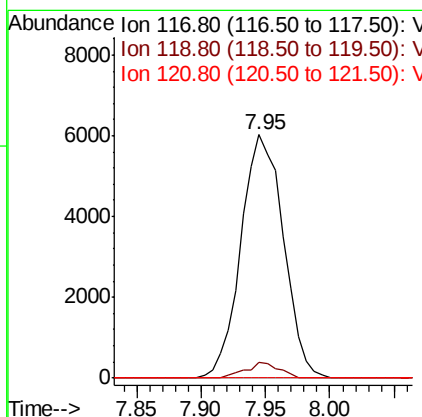
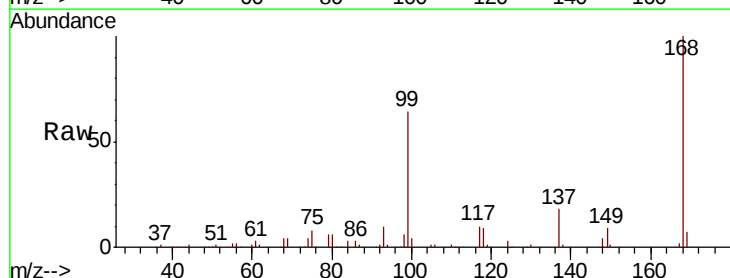
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBL01

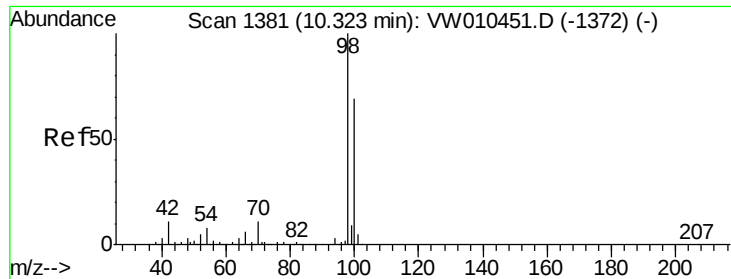
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.872 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010457.D
 Acq: 20 May 2019 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.0#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 53.558 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

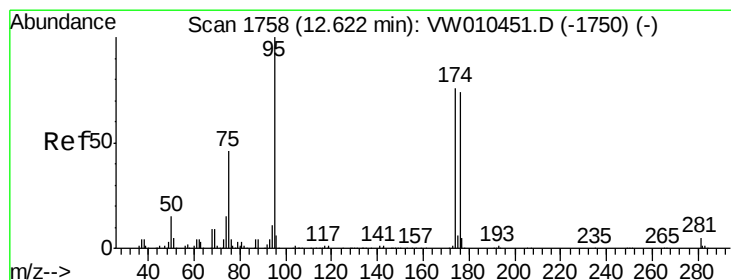
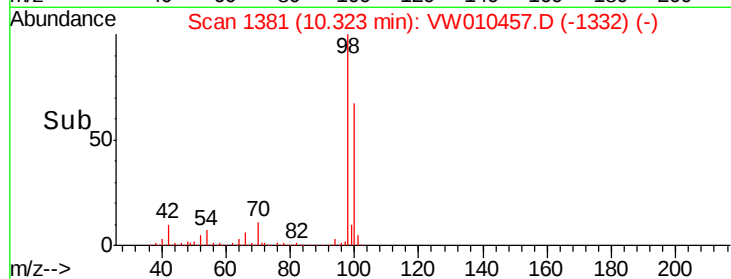
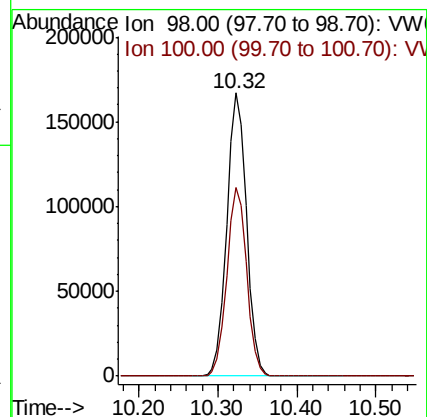
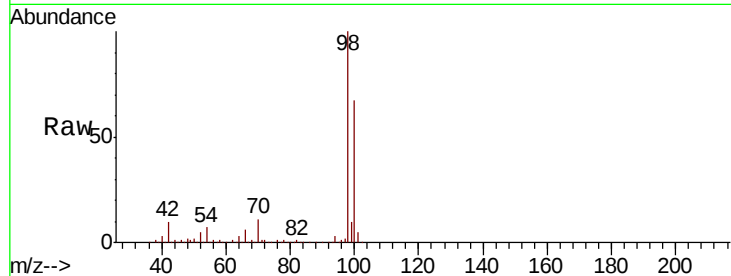
VW0520SBL01

Tot Ion: 98 Resp: 289725

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 51.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

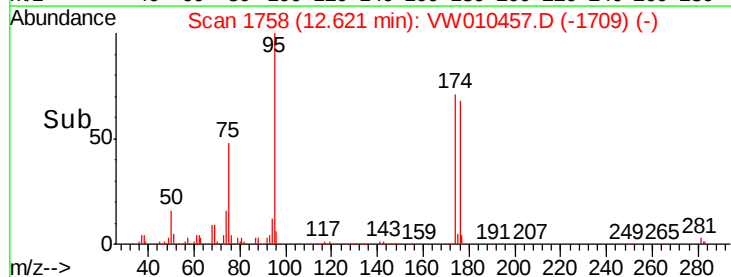
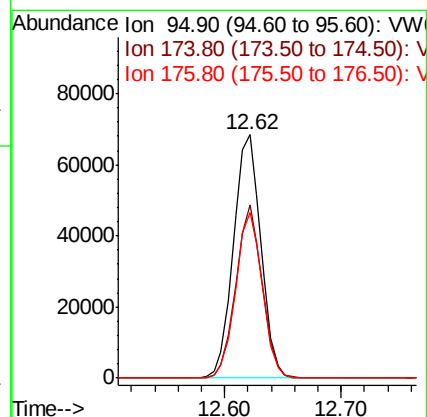
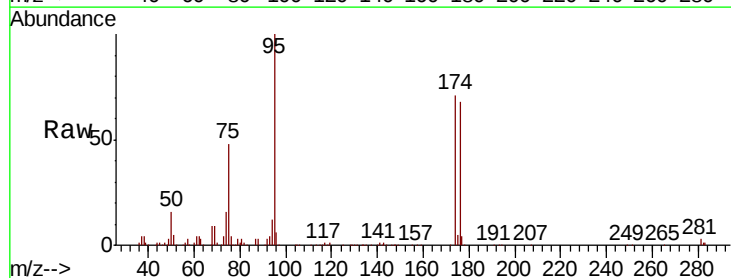
Tgt Ion: 95 Resp: 111825

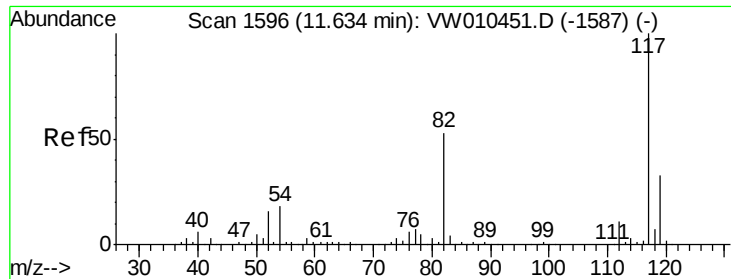
Ion Ratio Lower Upper

95 100

174 68.3 0.0 148.6

176 65.8 0.0 144.2

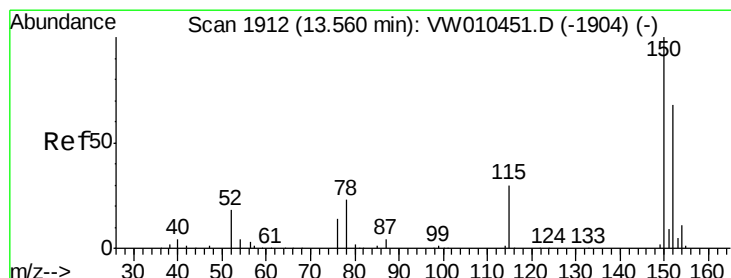
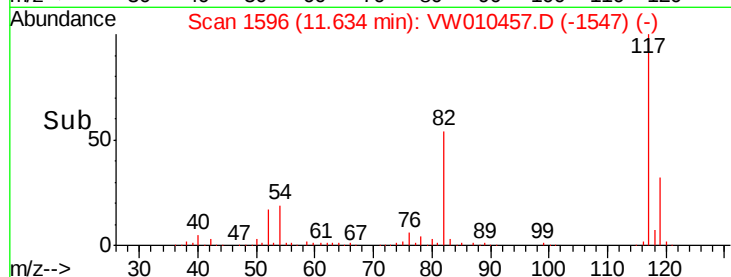
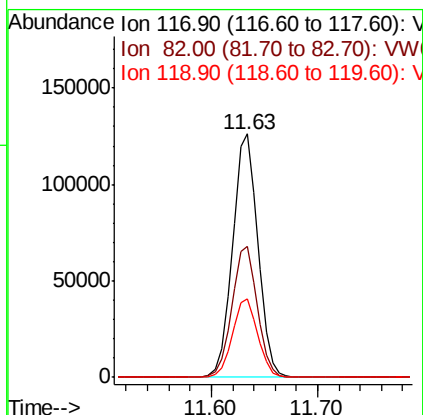
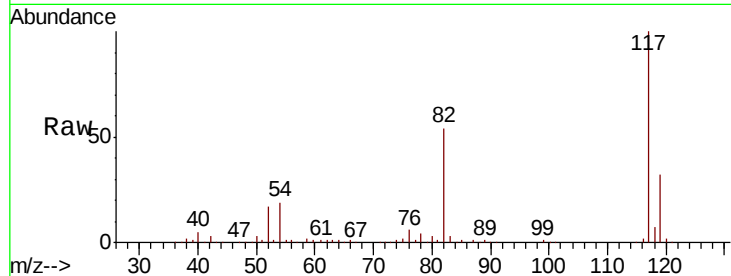




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

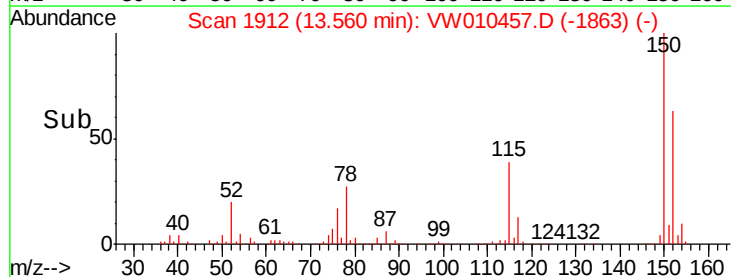
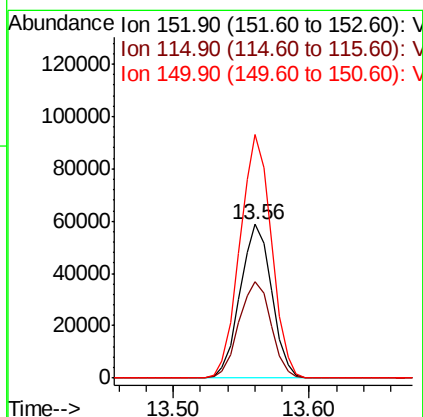
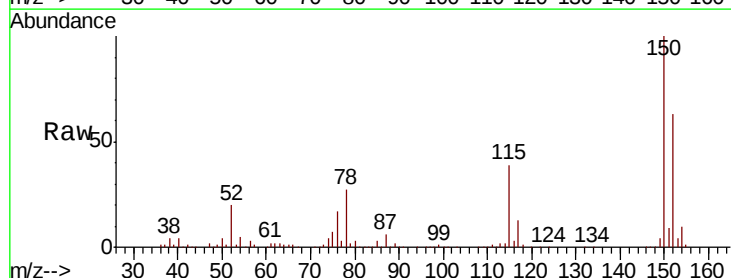
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBL01

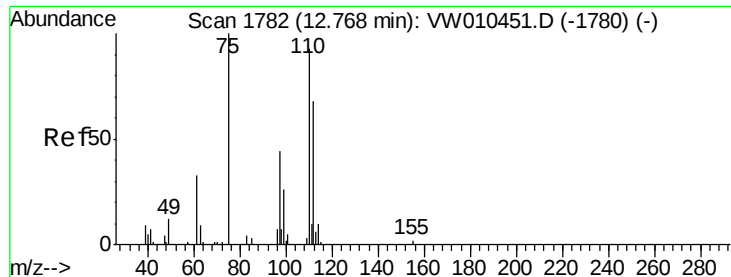
Tot Ion:117 Resp: 210024
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Tgt Ion:152 Resp: 95326
Ion Ratio Lower Upper
152 100
115 63.9 30.3 91.0
150 158.1 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 55.254 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

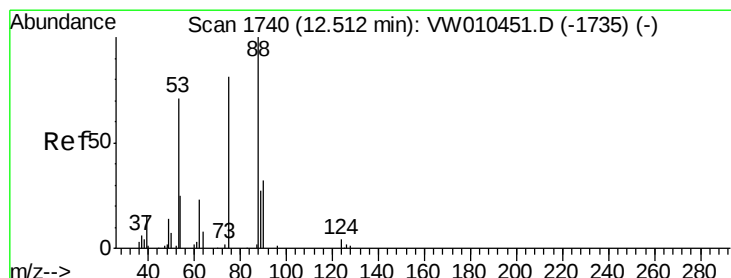
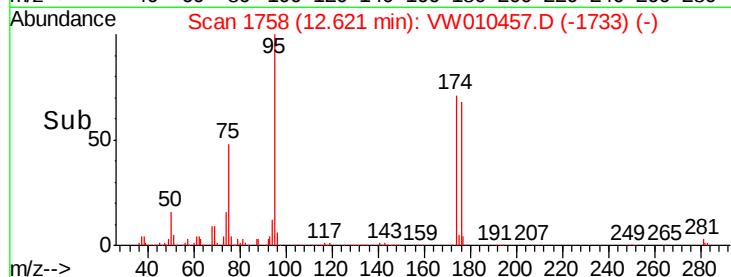
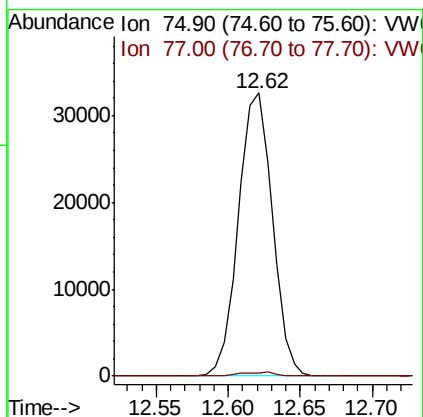
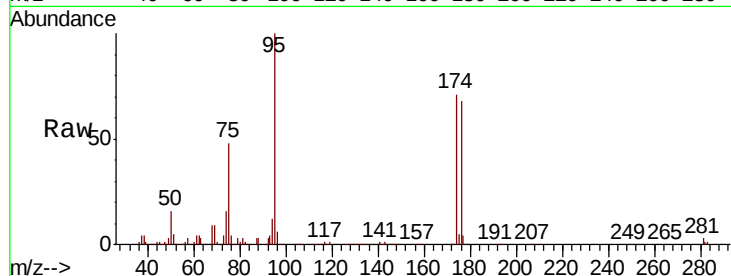
VW0520SBL01

Tot Ion: 75 Resp: 53465

Ion Ratio Lower Upper

75 100

77 1.3 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.317 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010457.D

Acq: 20 May 2019 20:07

Tgt Ion: 75 Resp: 53465

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

