

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008120.D
 Acq On : 10 Jan 2019 00:33
 Operator : SY/AP
 Sample : VW0109SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBL02

Quant Time: Jan 10 06:01:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51462	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	43699	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	7.88	113	40029	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
50) Toluene-d8	10.32	98	166001	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	53382	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	

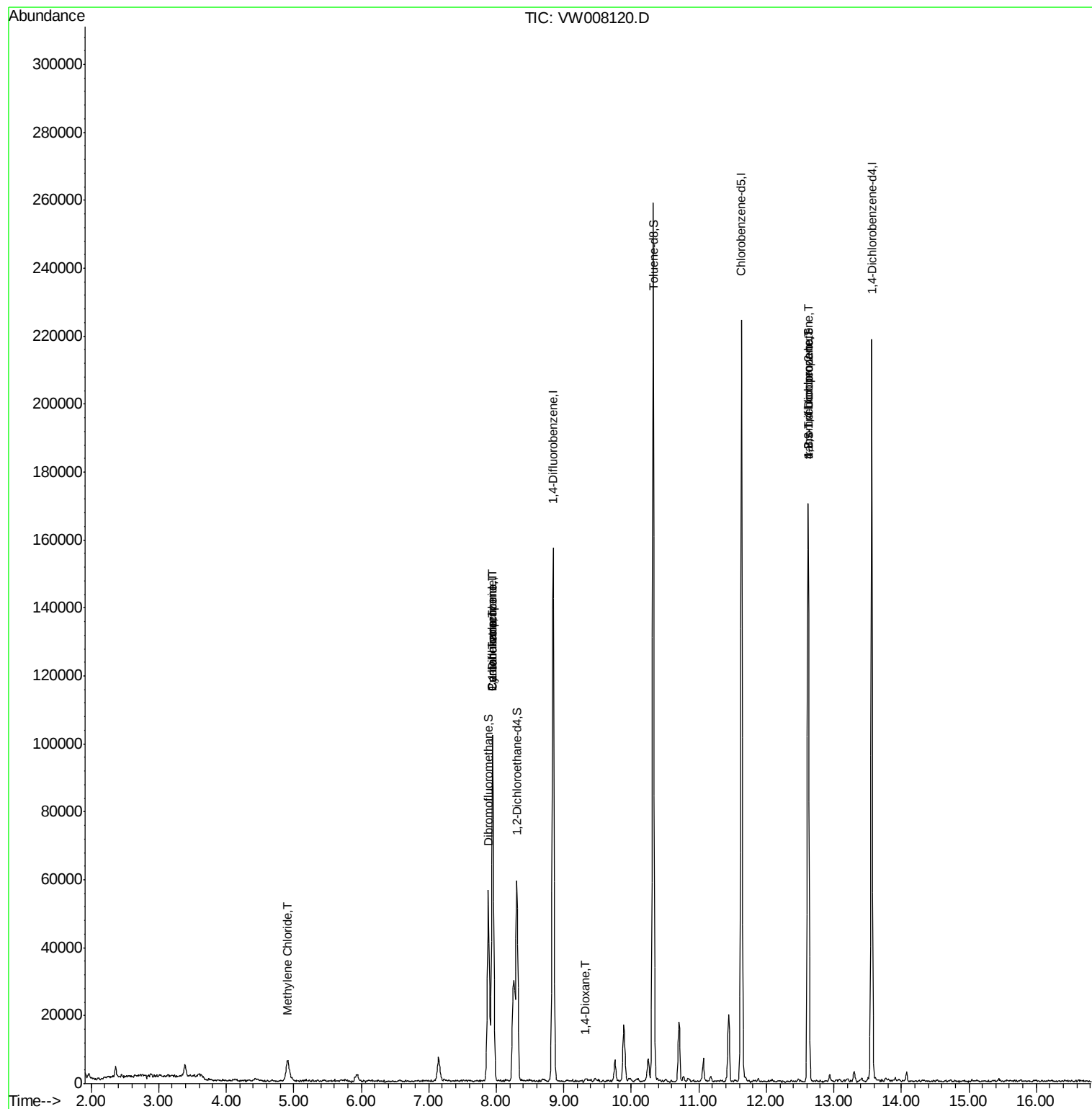
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	20	Below Cal	#	100
13) Acrolein	3.89	56	23	Below Cal	#	14
16) Acetone	4.14	43	1065	Below Cal		99
20) Methylene Chloride	4.91	84	4695	1.302	ug/l	94
31) Cyclohexane	7.95	56	2001	1.193	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	6211	4.686	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7686	6.336	ug/l #	17
49) 1,4-Dioxane	9.31	88	20	2.841	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	27852	59.369	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	27852	138.253	ug/l #	10

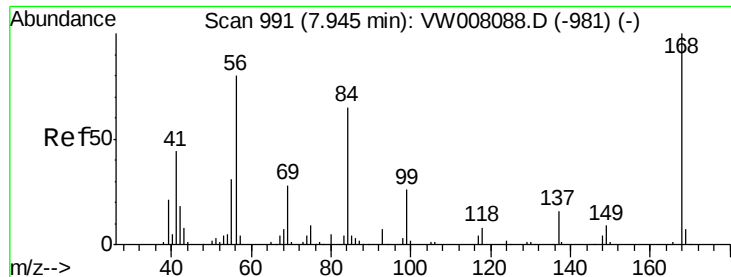
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008120.D
Acq On : 10 Jan 2019 00:33
Operator : SY/AP
Sample : VW0109SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL02

Quant Time: Jan 10 06:01:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 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: VW008120.D

Acq: 10 Jan 2019 00:33

Instrument :

MSVOA_W

ClientSampleId :

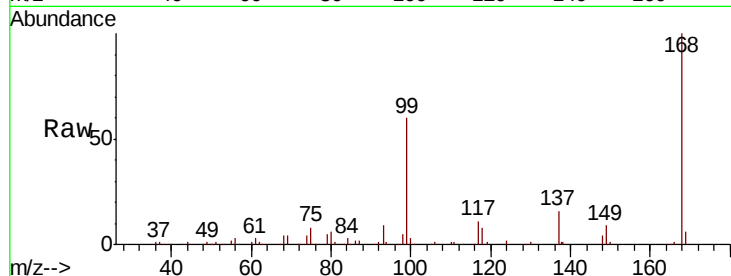
VW0109SBL02

Tgt Ion: 168 Resp: 70896

Ion Ratio Lower Upper

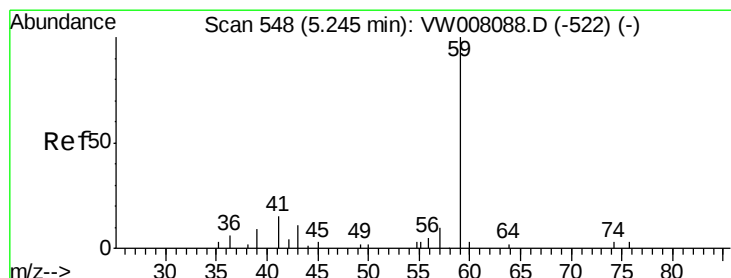
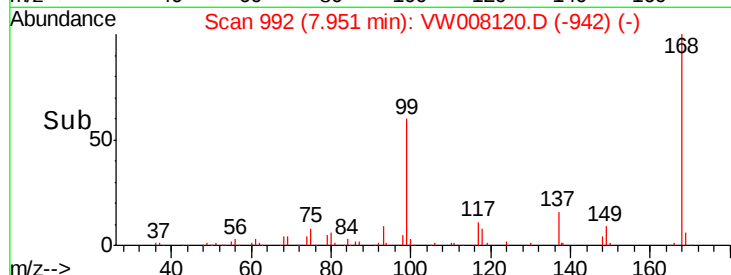
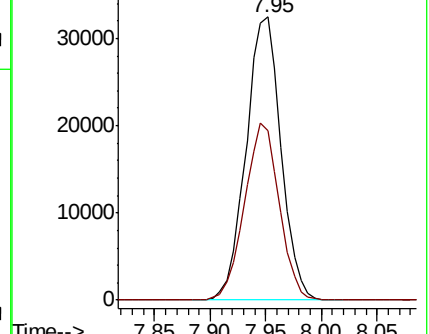
168 100

99 60.1 52.6 78.8



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: 5.26 min Scan# 550

Delta R.T. 0.01 min

Lab File: VW008120.D

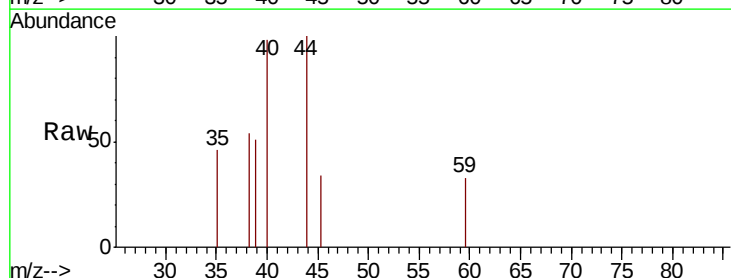
Acq: 10 Jan 2019 00:33

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

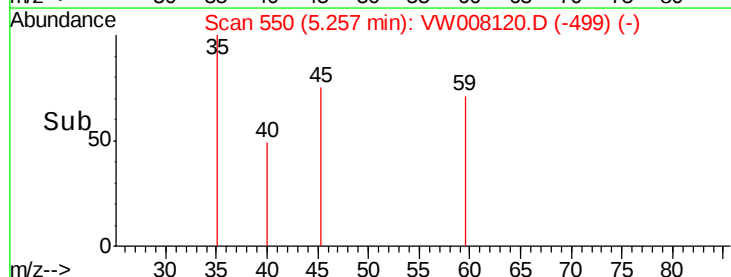
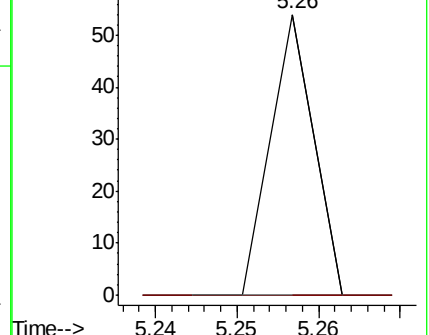
59 100

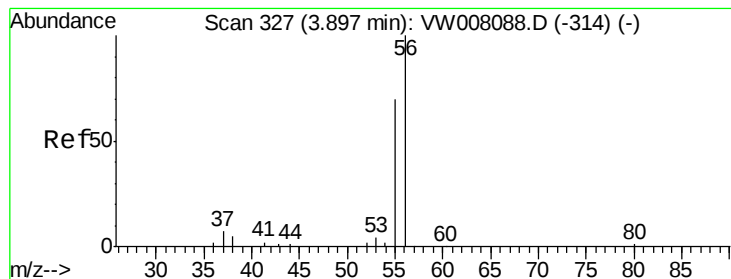
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

Instrument :

MSVOA_W

ClientSampleId :

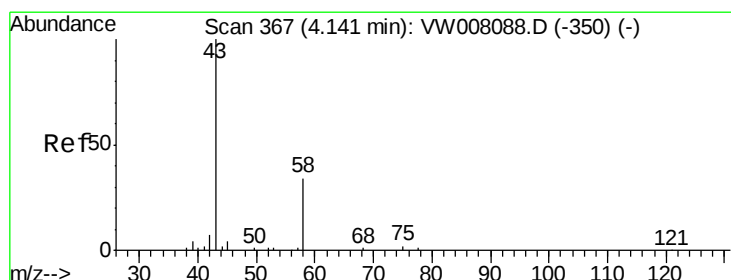
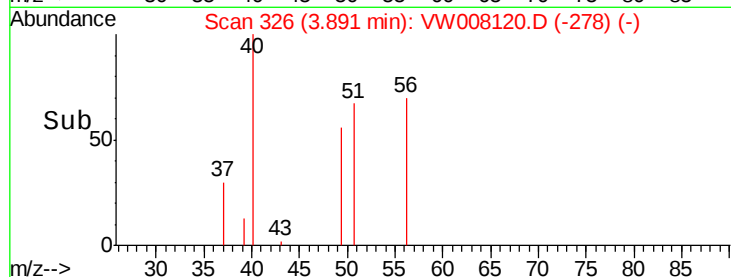
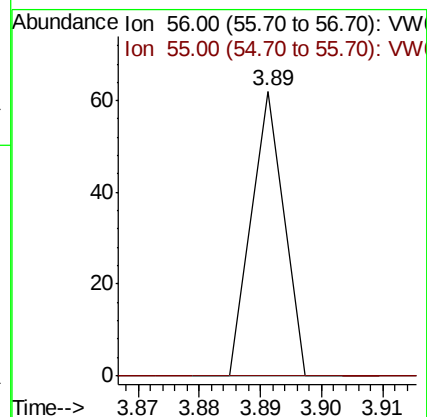
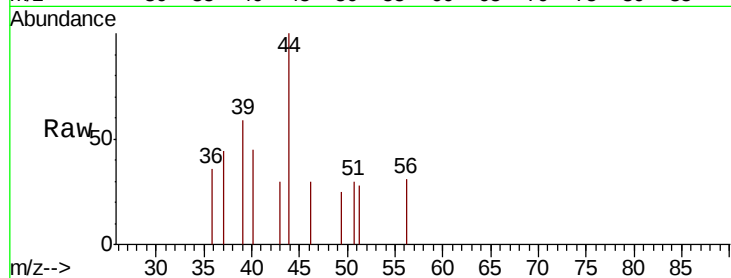
VW0109SBL02

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008120.D

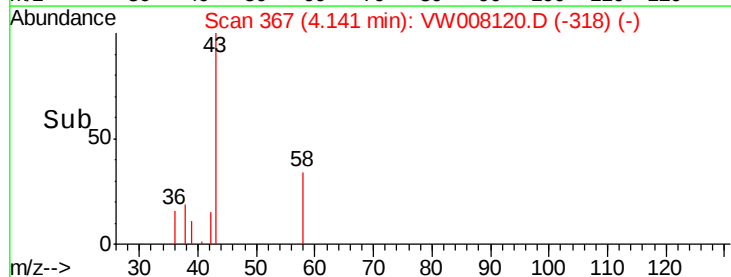
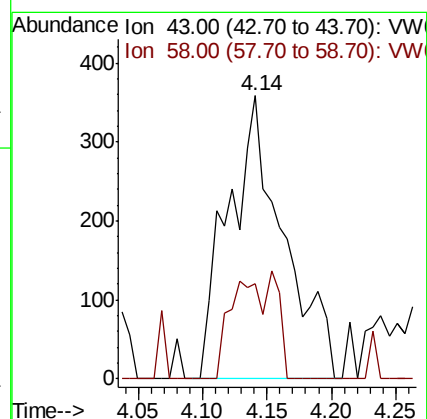
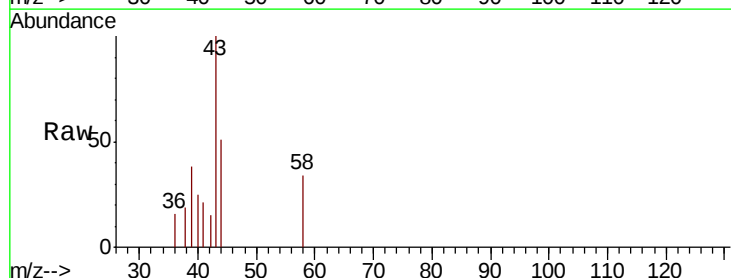
Acq: 10 Jan 2019 00:33

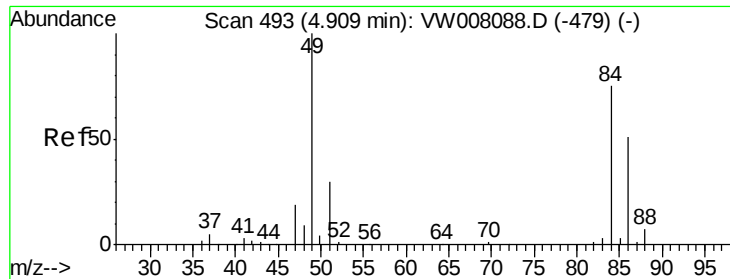
Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3

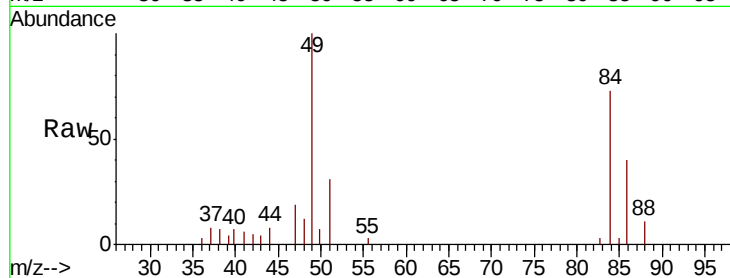




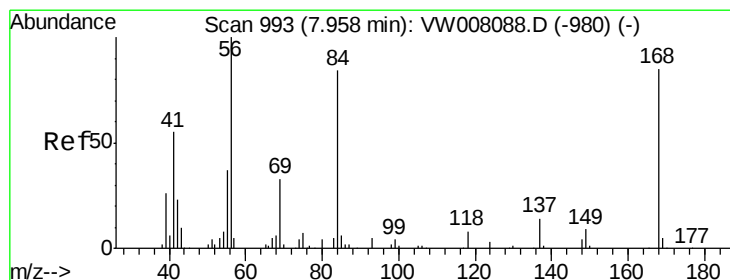
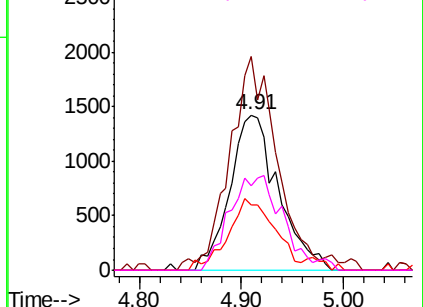
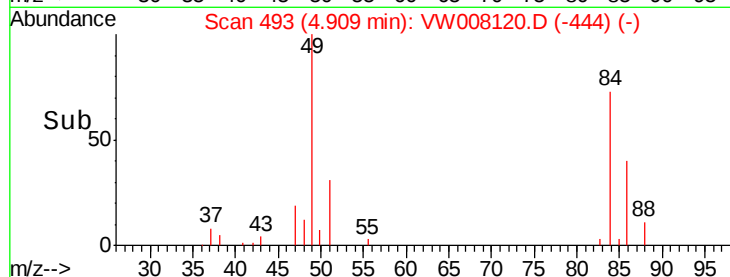
#20
Methylene Chloride
Concen: 1.302 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL02

Tgt Ion: 84 Resp: 4695
Ion Ratio Lower Upper
84 100
49 132.8 107.1 160.7
51 42.1 32.4 48.6
86 54.6 54.2 81.4

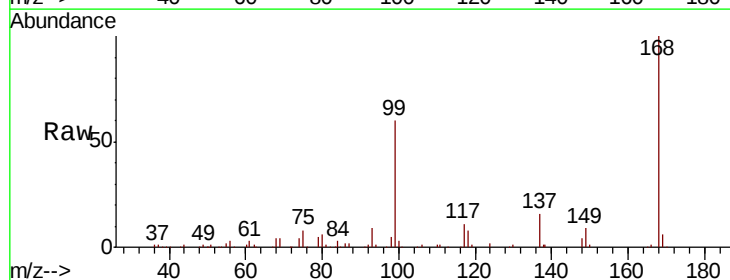


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

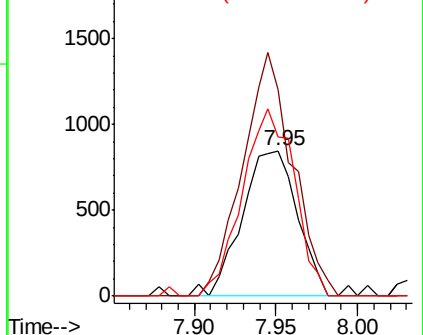
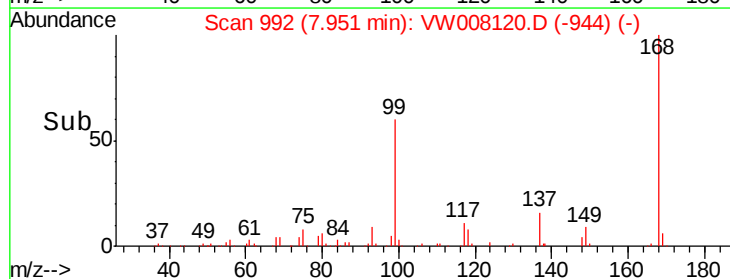


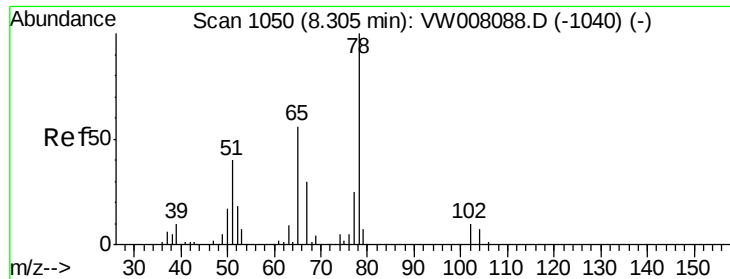
#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

Tgt Ion: 56 Resp: 2001
Ion Ratio Lower Upper
56 100
69 141.9 26.2 39.4#
84 109.1 67.4 101.2#



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

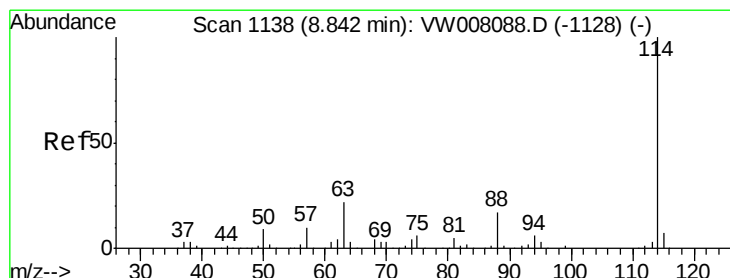
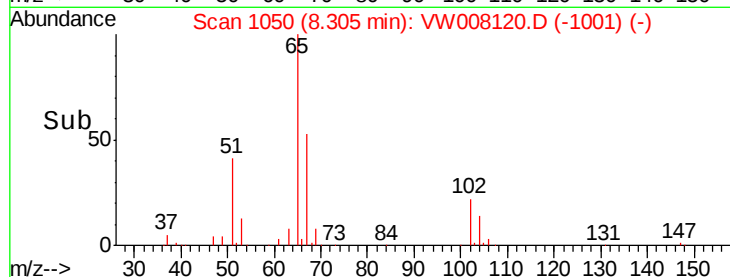
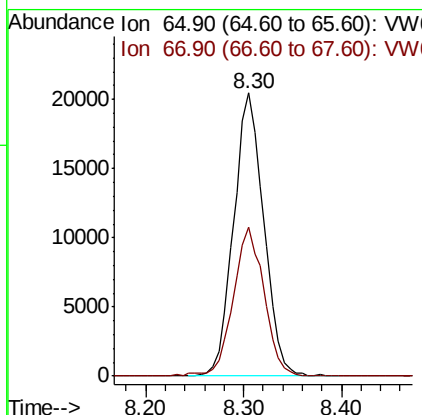
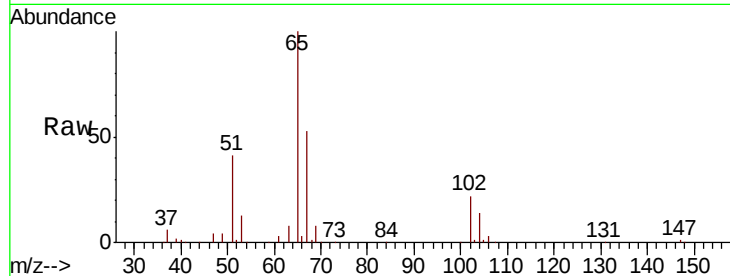




#33
 1,2-Dichloroethane-d4
 Concen: 54.842 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008120.D
 Acq: 10 Jan 2019 00:33

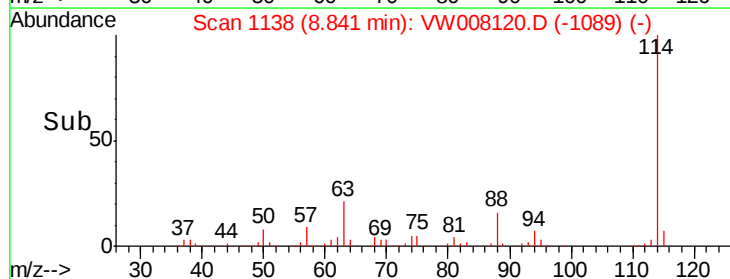
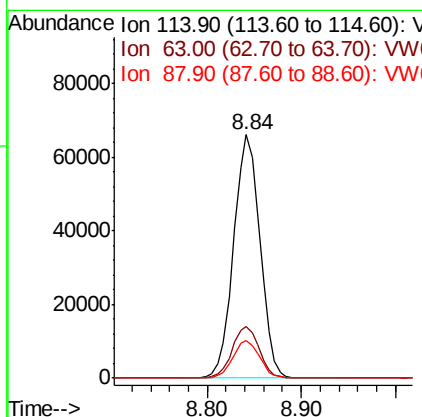
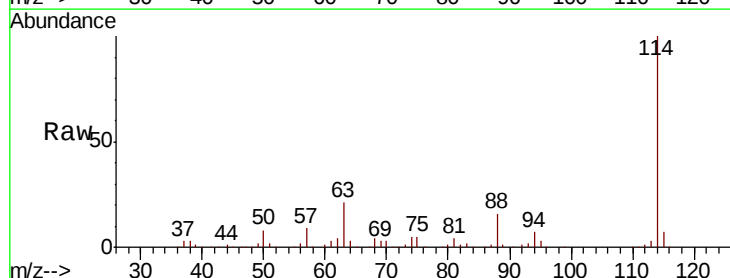
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBL02

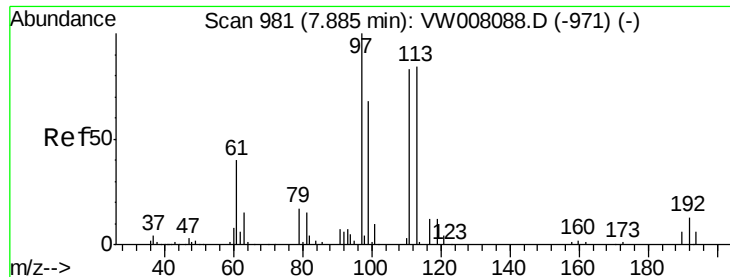
Tgt Ion: 65 Resp: 43699
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008120.D
 Acq: 10 Jan 2019 00:33

Tgt Ion: 114 Resp: 128668
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.341 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBL02

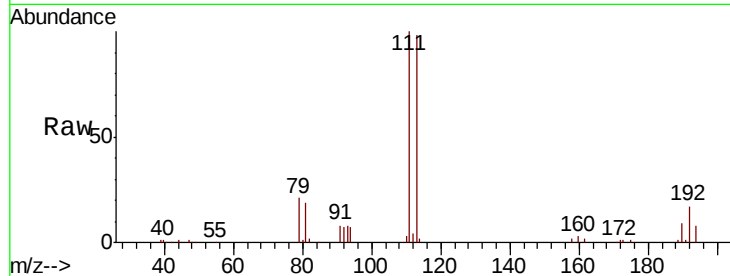
Tgt Ion:113 Resp: 40029

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

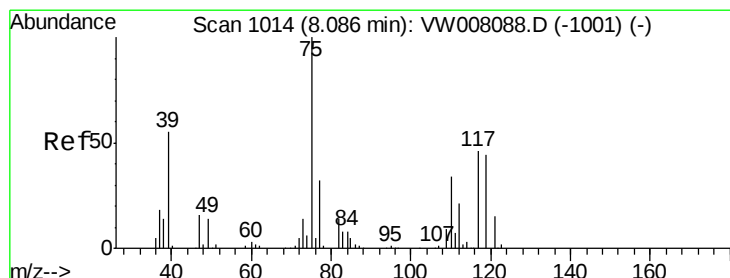
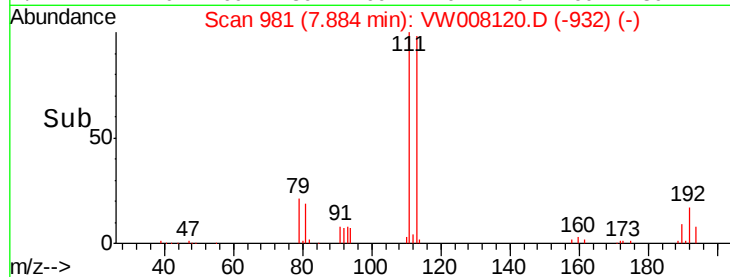
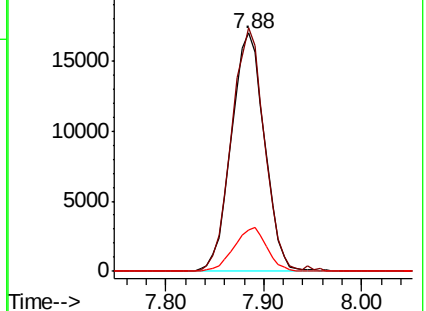
192 18.1 12.8 19.2



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: 4.686 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

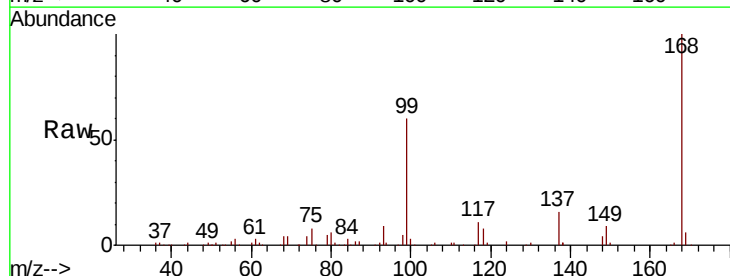
Tgt Ion: 75 Resp: 6211

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.3#

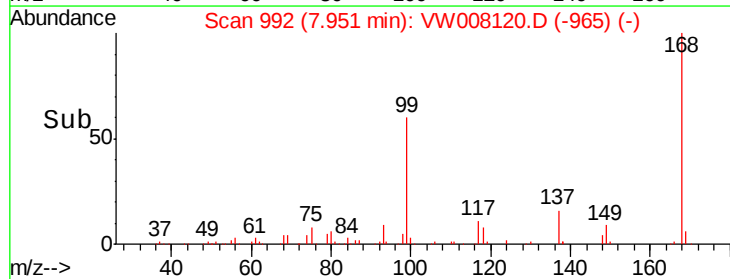
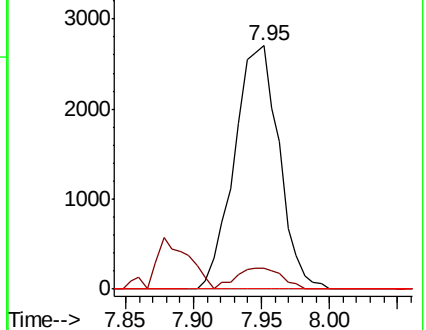
77 0.0 25.5 38.3#

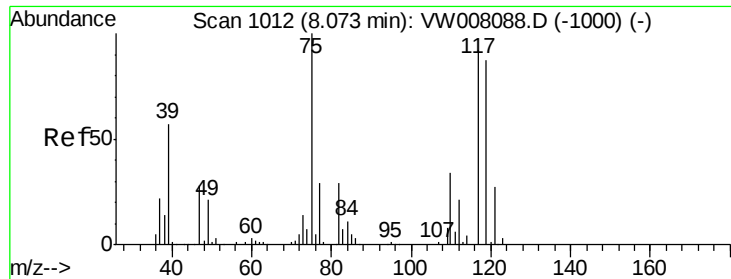


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.336 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

Instrument :

MSVOA_W

ClientSampleId :

VW0109SBL02

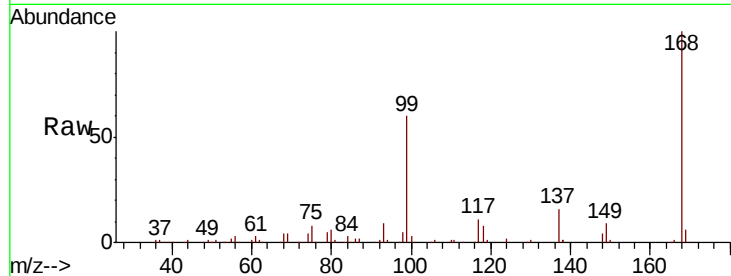
Tgt Ion:117 Resp: 7686

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

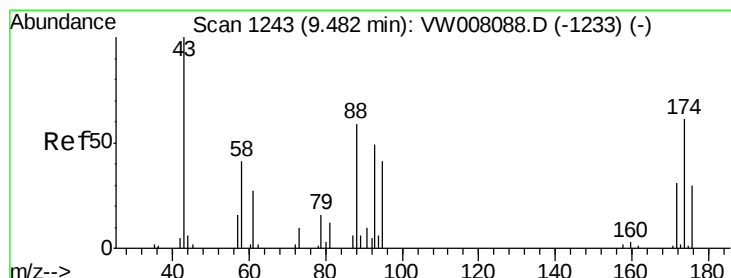
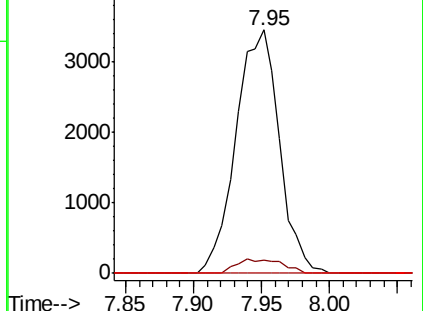
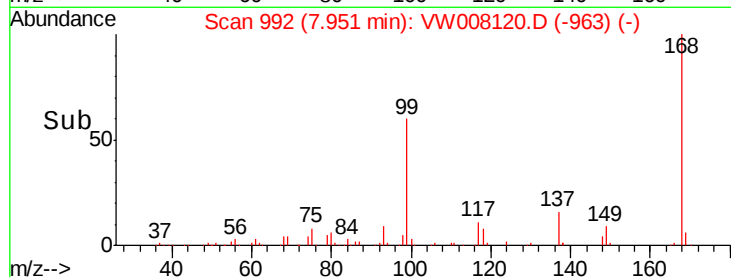
121 0.0 23.7 35.5#



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



#49

1,4-Dioxane

Concen: 2.841 ug/l

RT: 9.31 min Scan# 1215

Delta R.T. -0.17 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

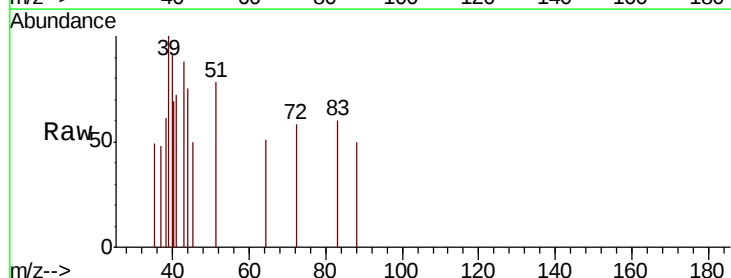
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1485.0 0.0 0.0#

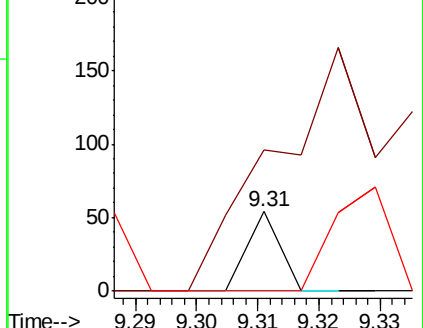
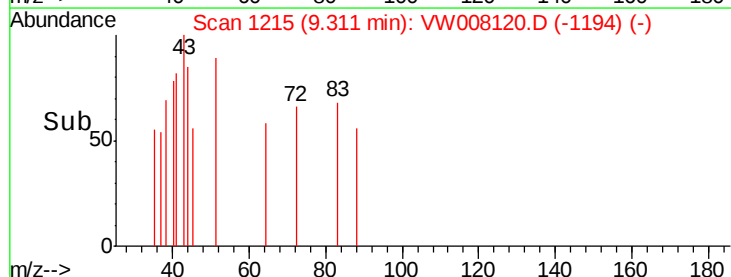
58 225.0 61.7 92.5#

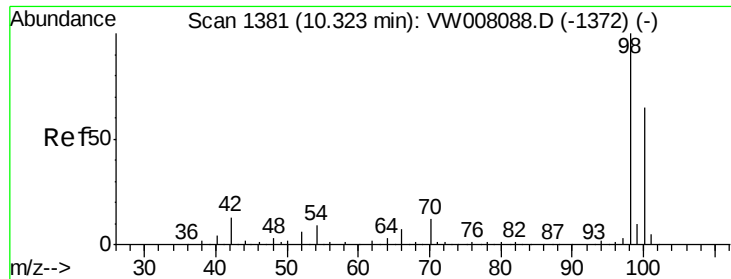


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

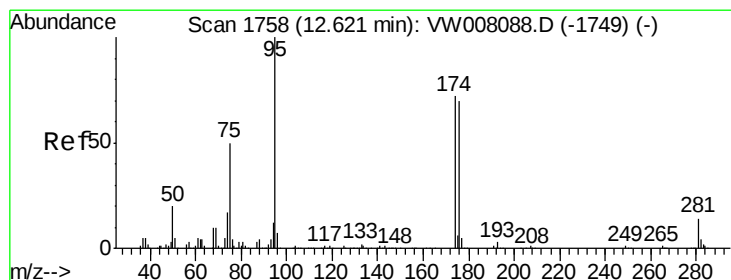
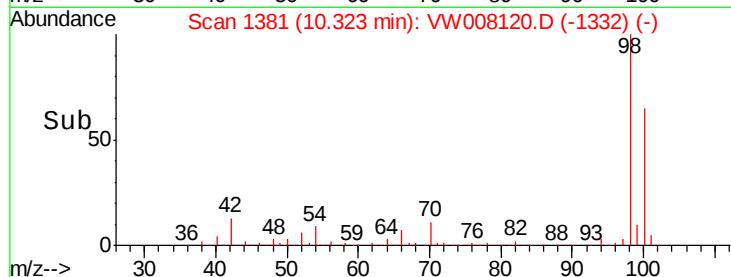
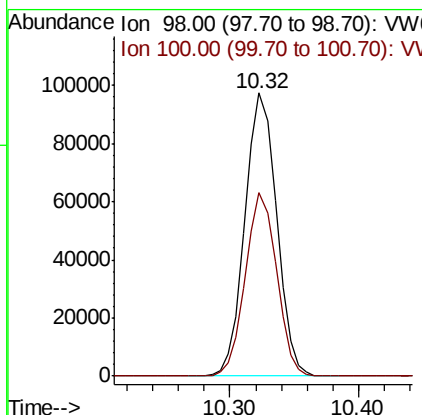
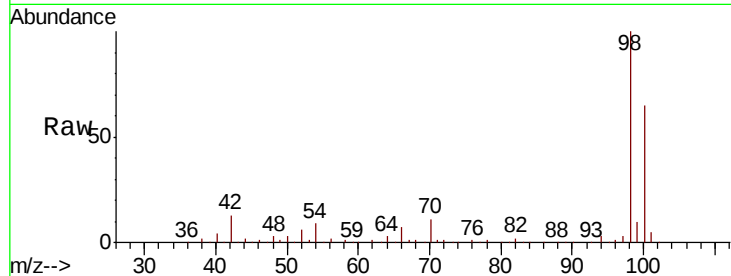




#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

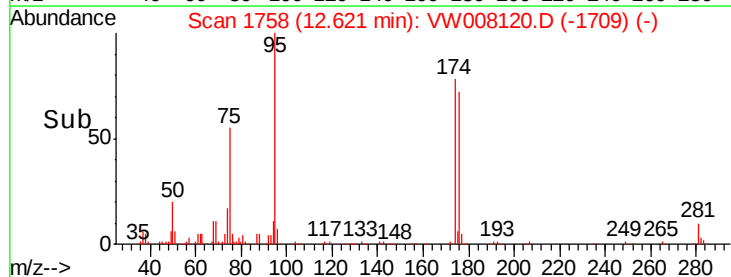
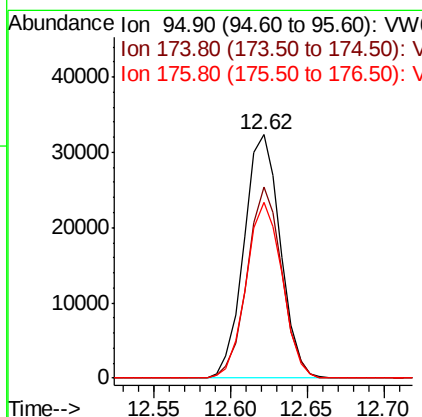
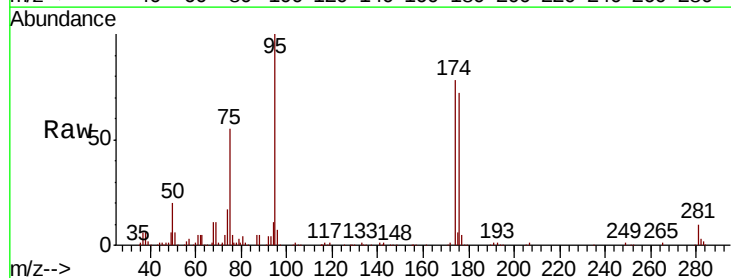
Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL02

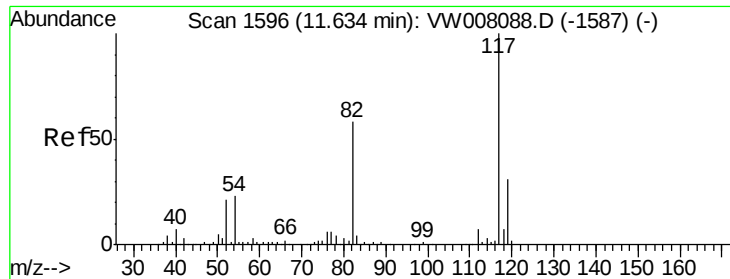
Tgt Ion: 98 Resp: 166001
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

Tgt Ion: 95 Resp: 53382
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.0
176 71.4 0.0 140.2

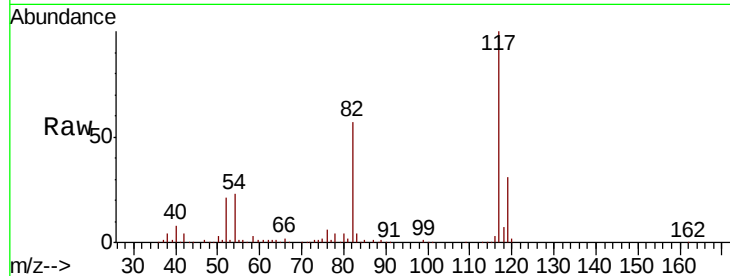




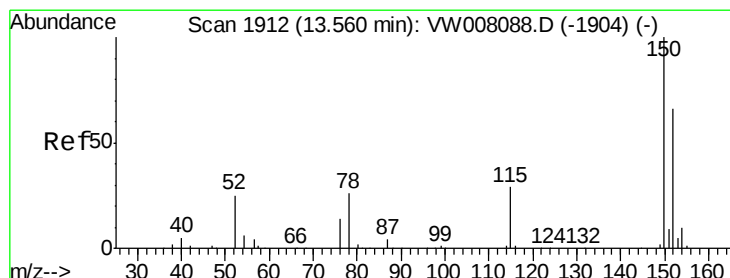
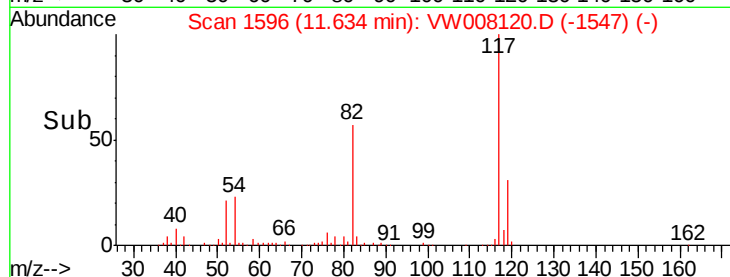
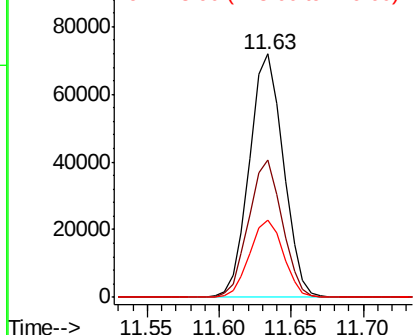
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

Instrument :
MSVOA_W
ClientSampleId :
VW0109SBL02

Tgt Ion:117 Resp: 117414
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.5 24.7 37.1

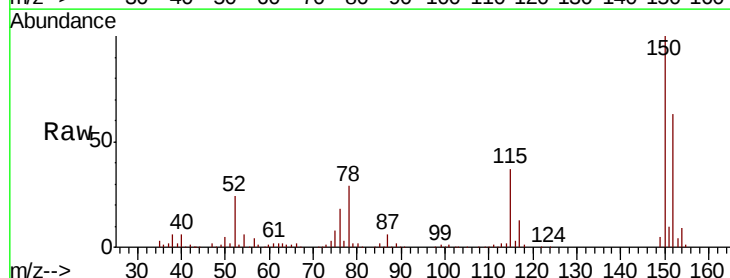


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

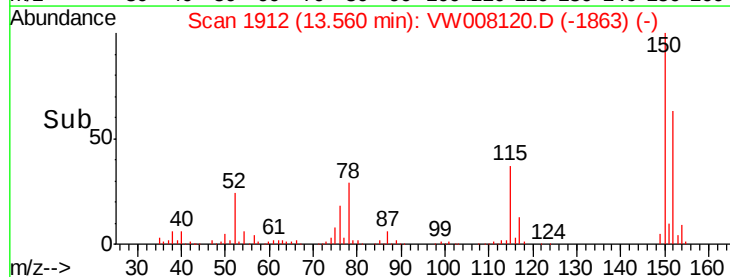
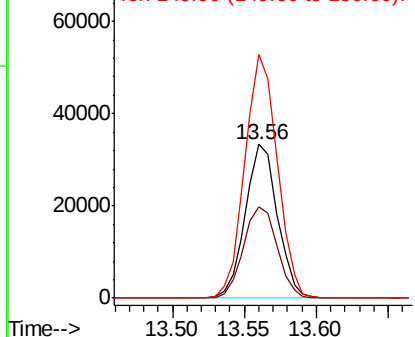


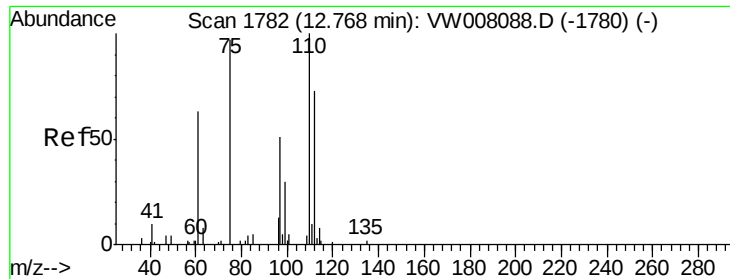
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008120.D
Acq: 10 Jan 2019 00:33

Tgt Ion:152 Resp: 51462
Ion Ratio Lower Upper
152 100
115 62.2 30.8 92.4
150 159.8 0.0 350.2



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: 59.369 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

Instrument :

MSVOA_W

ClientSampleId :

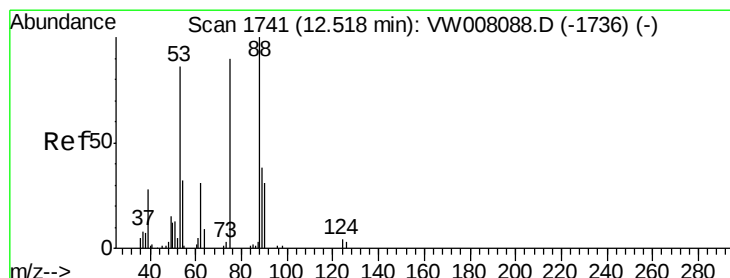
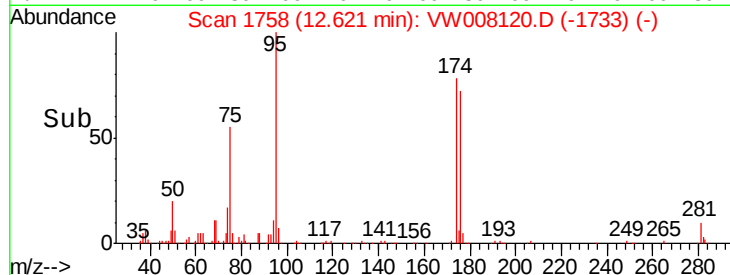
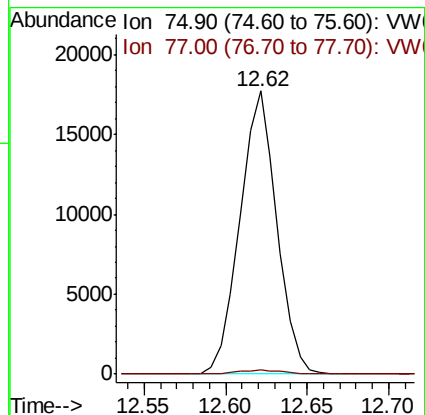
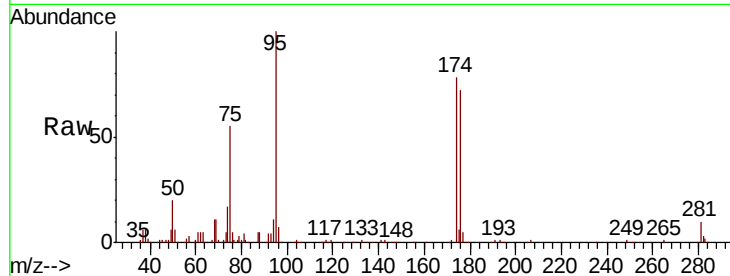
VW0109SBL02

Tgt Ion: 75 Resp: 27852

Ion Ratio Lower Upper

75 100

77 1.7 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008120.D

Acq: 10 Jan 2019 00:33

Tgt Ion: 75 Resp: 27852

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 35.4 53.2#

