

Data File : VW008143.D
Acq On : 10 Jan 2019 12:15
Operator : SY/AP
Sample : VW0110SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

Quant Time: Jan 11 05:07:31 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	64024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	39867	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	37808	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.32	98	156654	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.62	95	50879	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

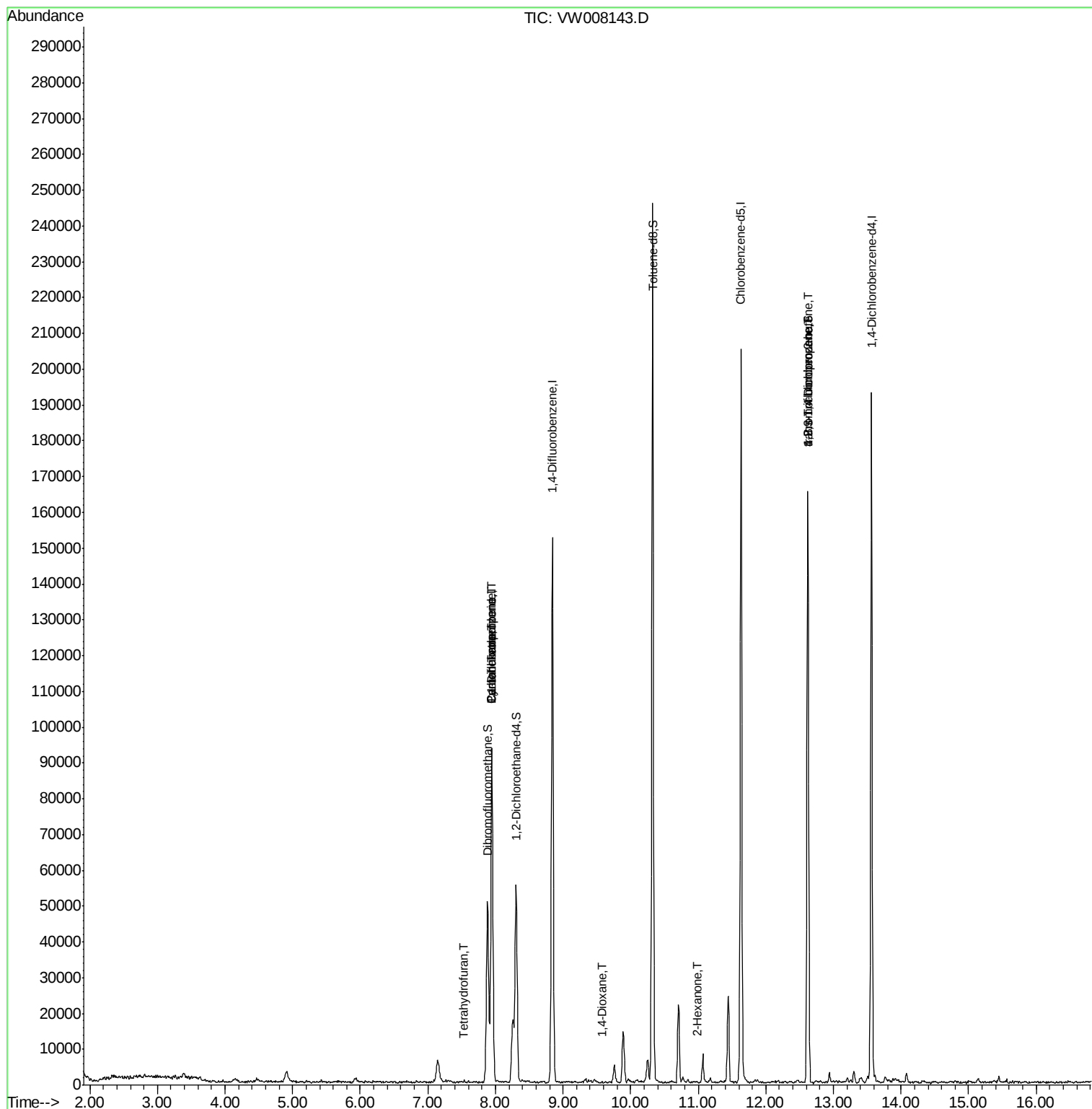
						Qvalue
11) Tert butyl alcohol	5.23	59	142	Below Cal	#	100
16) Acetone	4.15	43	1684	Below Cal	#	79
20) Methylene Chloride	4.91	84	2015	Below Cal	#	74
29) Tetrahydrofuran	7.52	42	209	1.563	ug/l #	46
31) Cyclohexane	7.94	56	1859	1.228	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	6008	4.859	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6979	6.167	ug/l #	18
49) 1,4-Dioxane	9.57	88	26	3.959	ug/l #	11
59) 2-Hexanone	10.98	43	378	1.166	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	26022	60.440	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26022	140.746	ug/l #	10

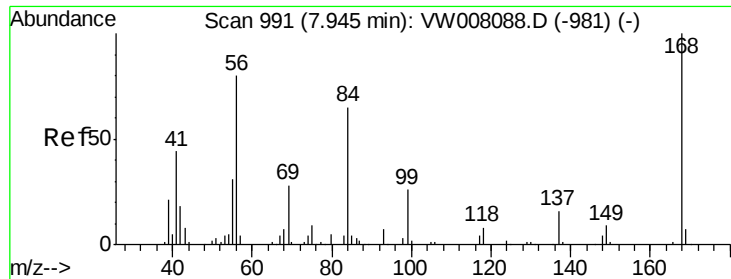
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VW0110SBL01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

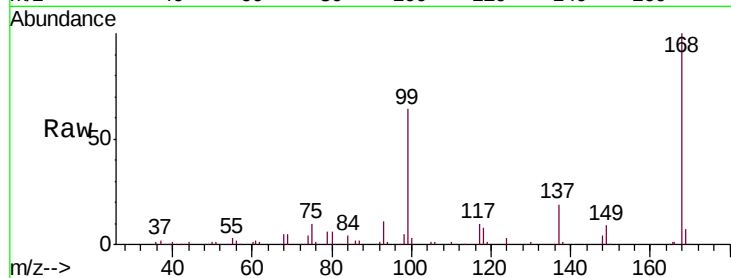
VW0110SBL01

Tgt Ion:168 Resp: 64024

Ion Ratio Lower Upper

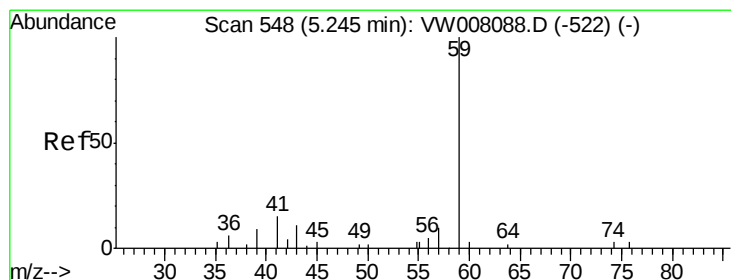
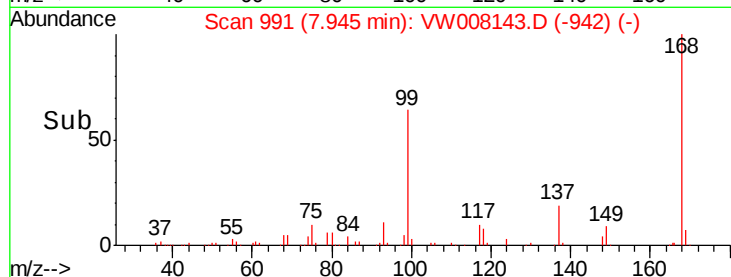
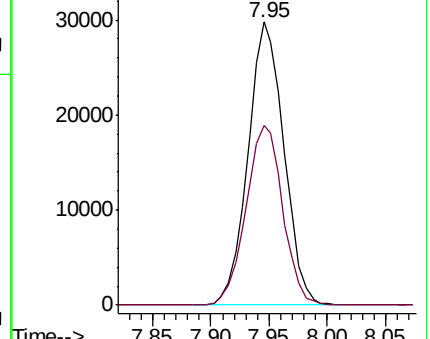
168 100

99 63.7 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: 5.23 min Scan# 545

Delta R.T. -0.02 min

Lab File: VW008143.D

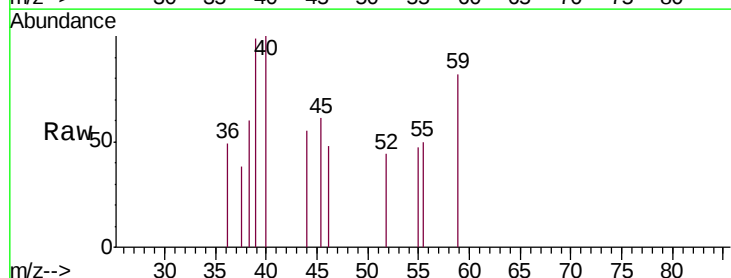
Acq: 10 Jan 2019 12:15

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

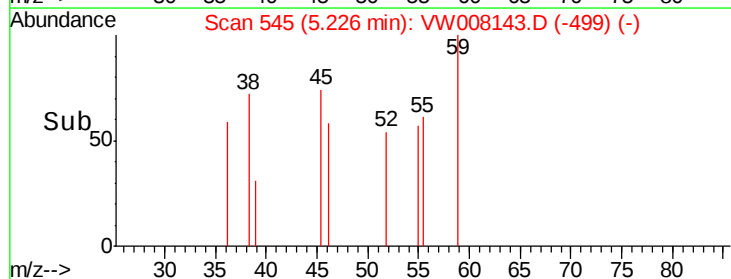
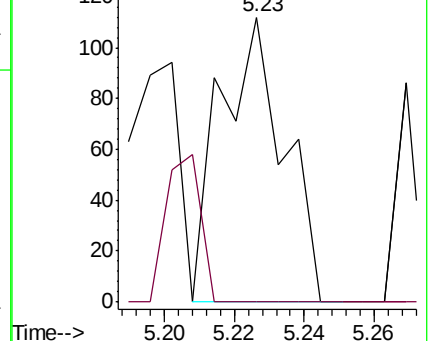
59 100

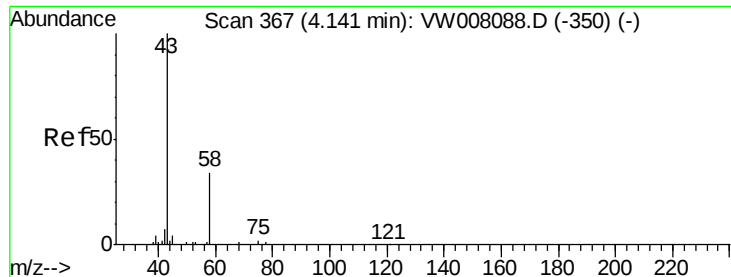
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

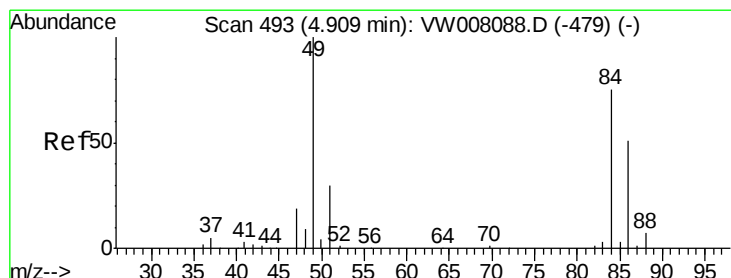
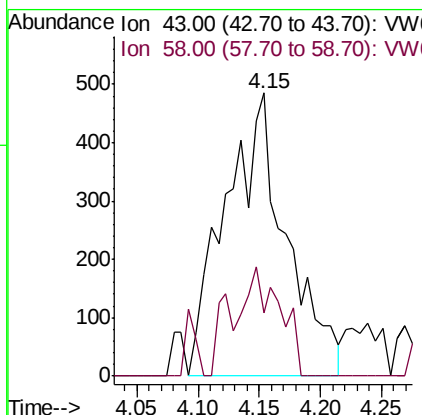
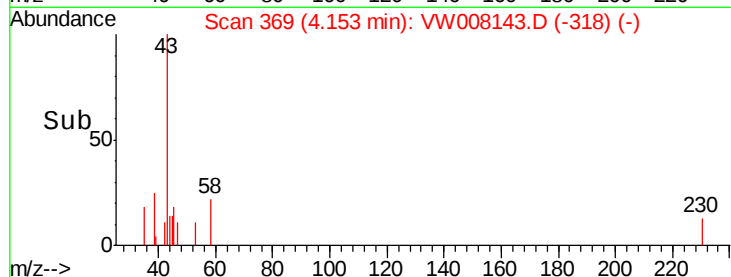
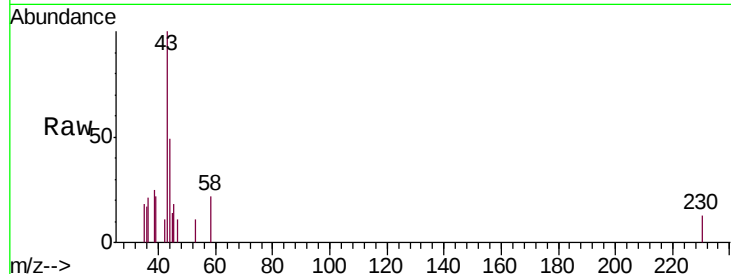




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

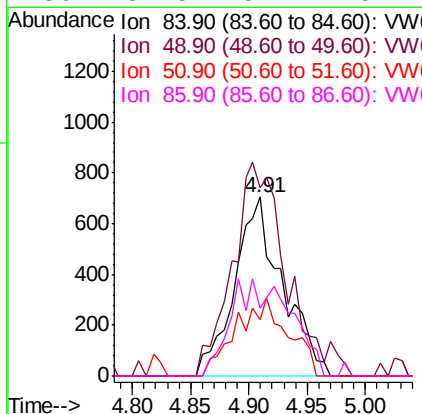
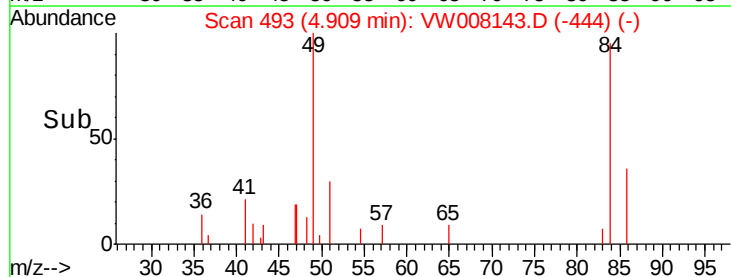
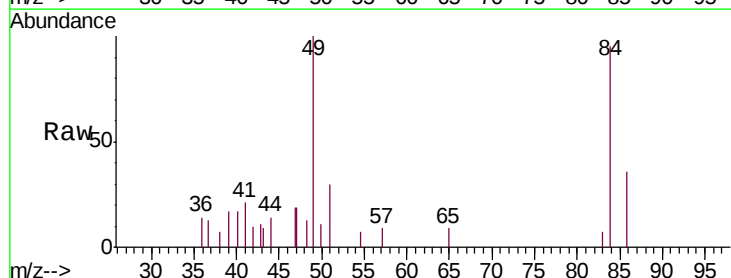
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

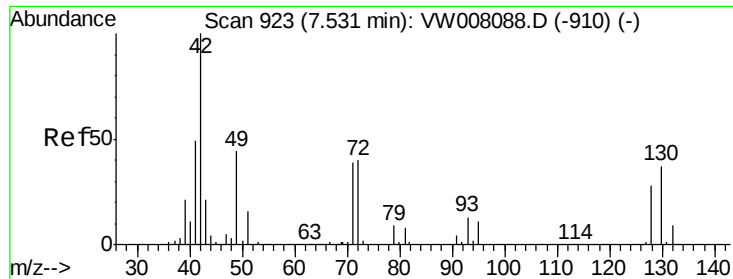
Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 22.5 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

Tgt Ion: 84 Resp: 2015
Ion Ratio Lower Upper
84 100
49 105.4 107.1 160.7#
51 31.8 32.4 48.6#
86 37.8 54.2 81.4#

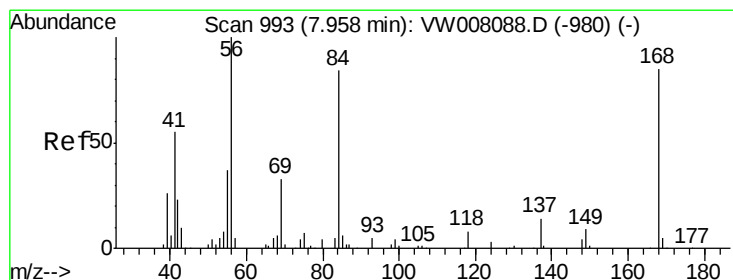
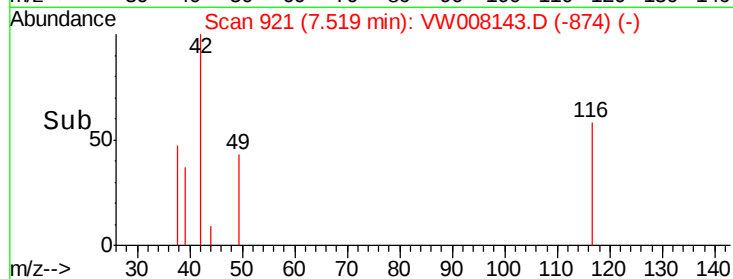
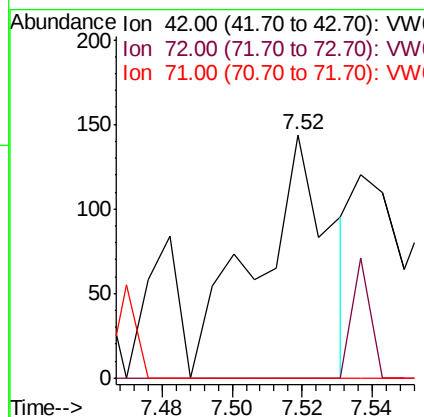
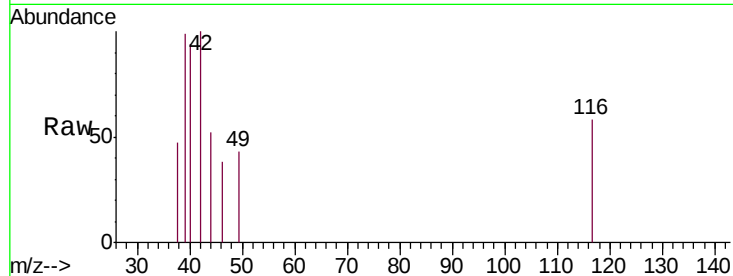




#29
Tetrahydrofuran
Concen: 1.563 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

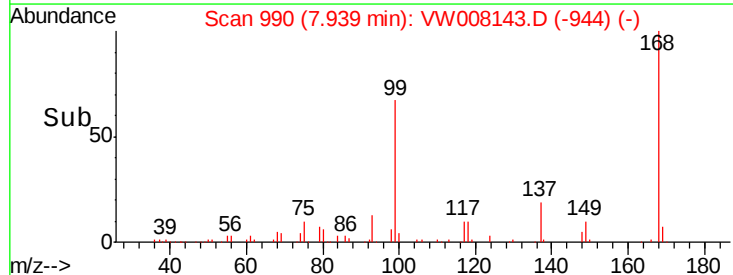
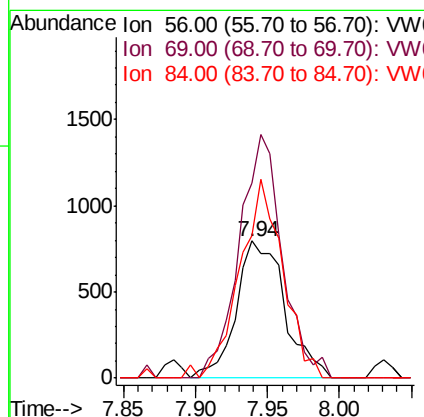
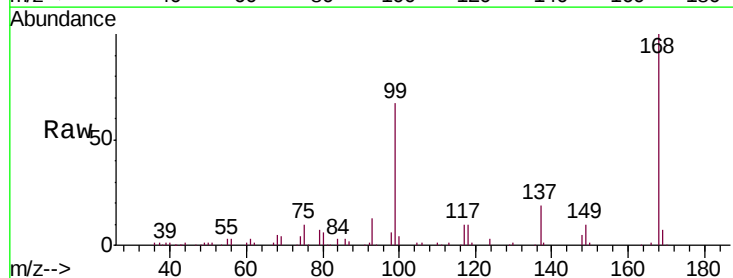
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

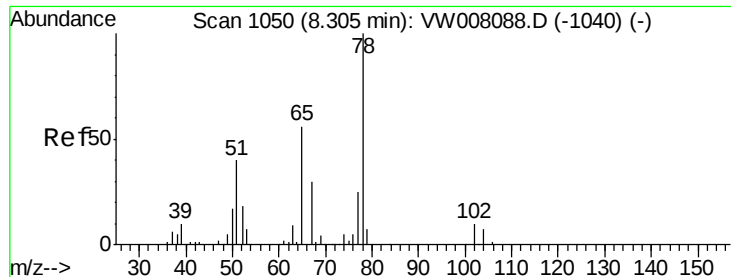
Tgt Ion: 42 Resp: 209
Ion Ratio Lower Upper
42 100
72 12.4 32.4 48.6#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

Tgt Ion: 56 Resp: 1859
Ion Ratio Lower Upper
56 100
69 141.9 26.2 39.4#
84 104.4 67.4 101.2#





#33

1,2-Dichloroethane-d4

Concen: 55.404 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008143.D

Acq: 10 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

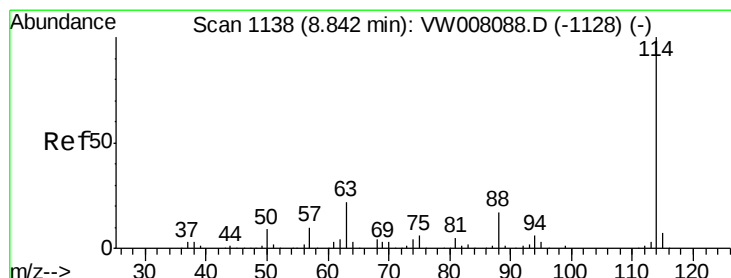
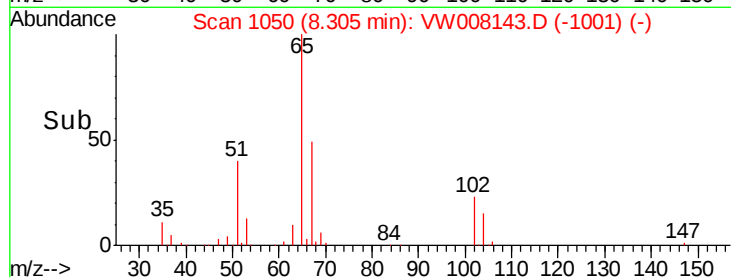
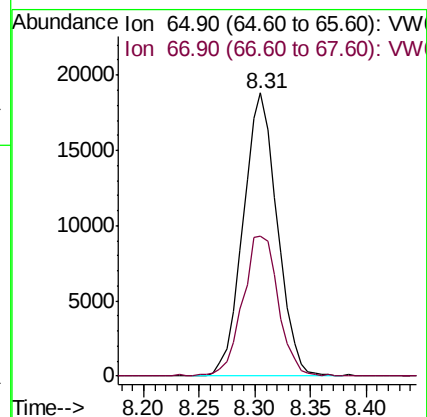
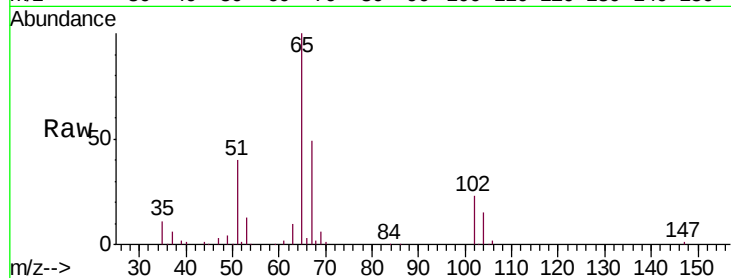
VW0110SBL01

Tgt Ion: 65 Resp: 39867

Ion Ratio Lower Upper

65 100

67 52.2 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: VW008143.D

Acq: 10 Jan 2019 12:15

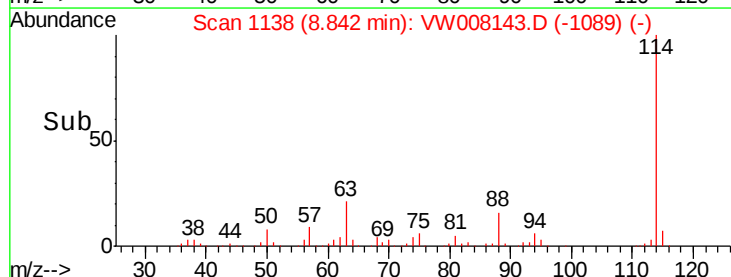
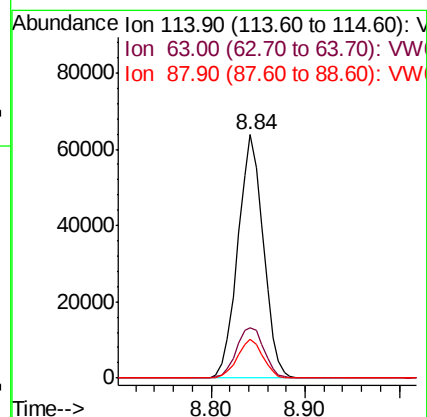
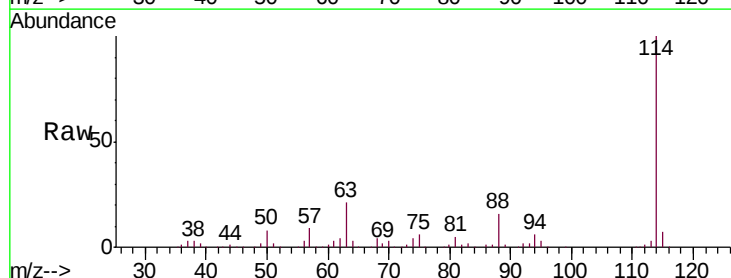
Tgt Ion: 114 Resp: 120028

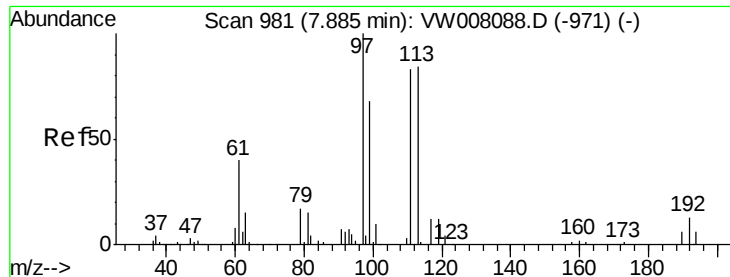
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.4

88 15.7 0.0 33.4

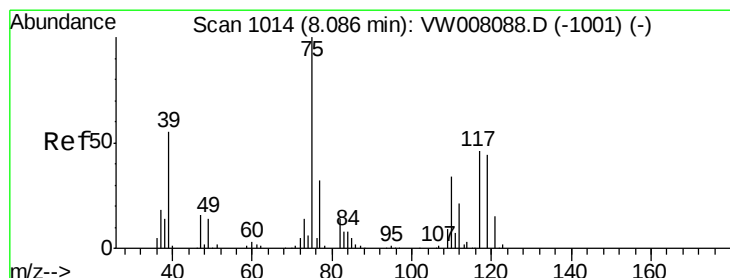
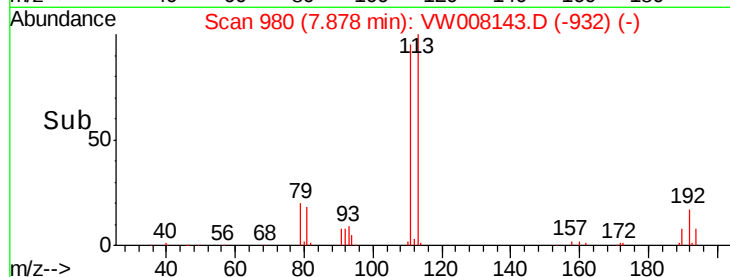
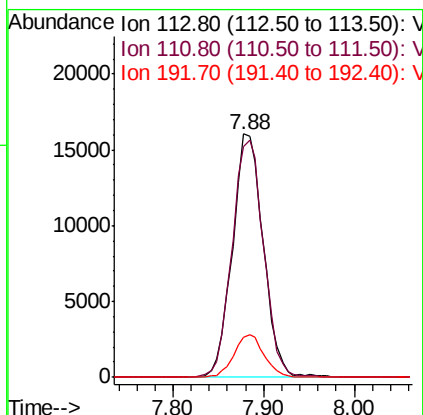
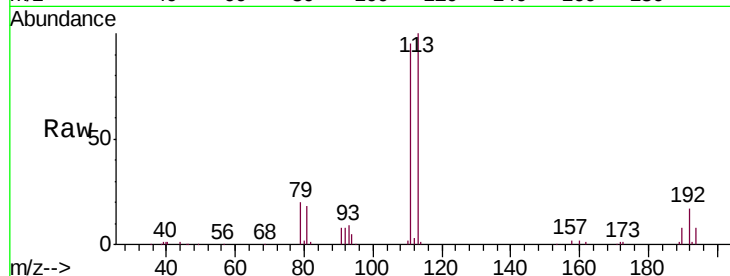




#35
 Dibromofluoromethane
 Concen: 54.008 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008143.D
 Acq: 10 Jan 2019 12:15

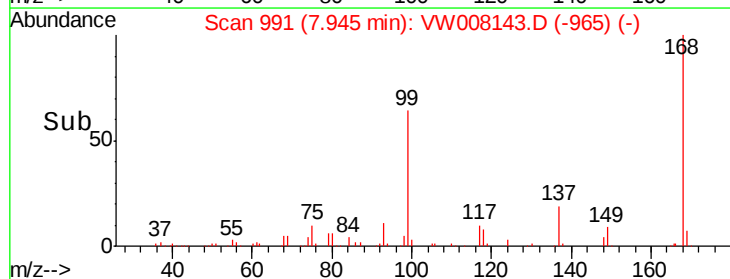
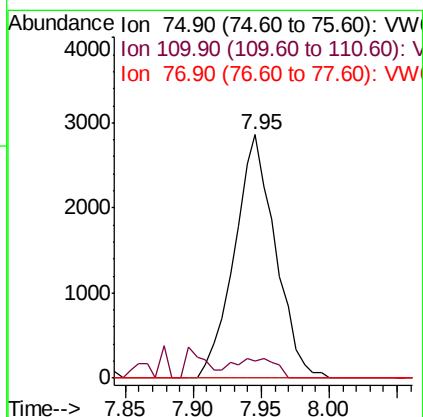
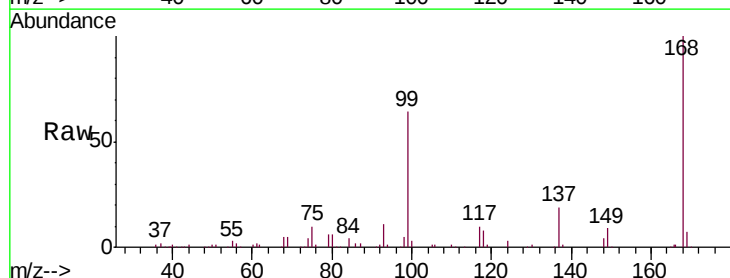
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBL01

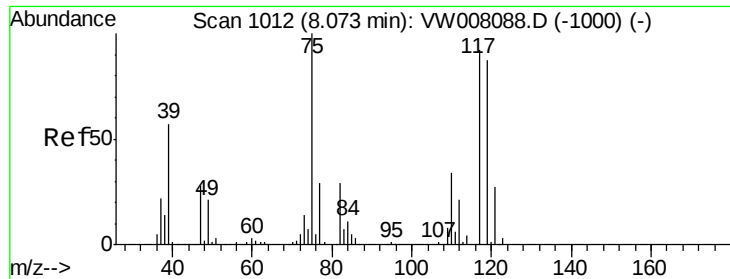
Tgt Ion:113 Resp: 37808
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.8 122.8
 192 17.1 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.859 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008143.D
 Acq: 10 Jan 2019 12:15

Tgt Ion: 75 Resp: 6008
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.1 51.3#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.167 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008143.D

Acq: 10 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBL01

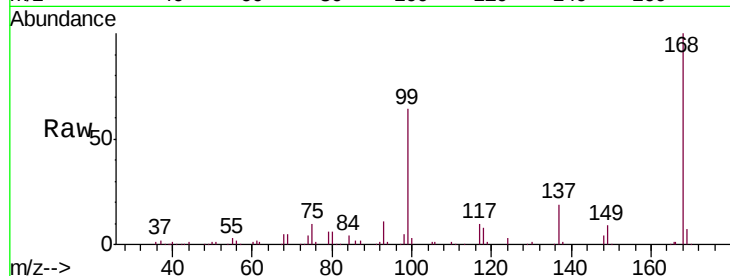
Tgt Ion:117 Resp: 6979

Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.8#

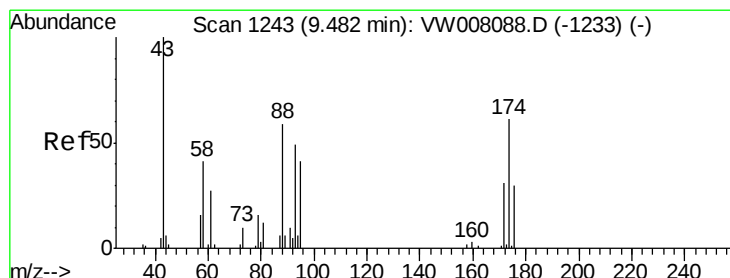
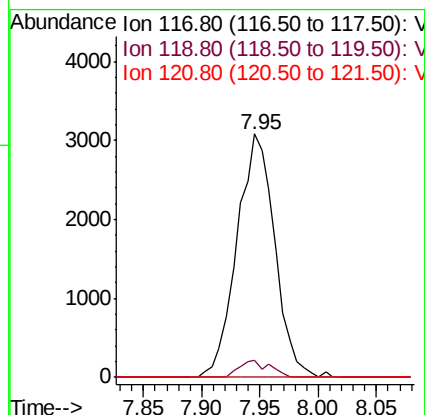
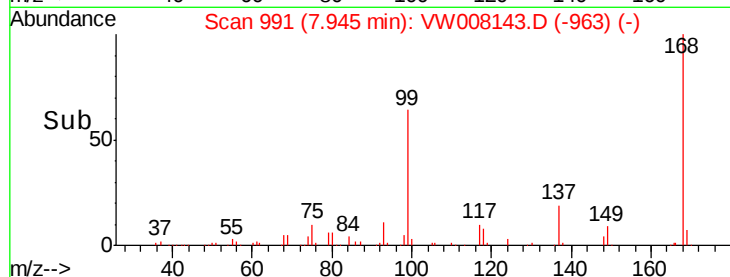
121 0.0 23.7 35.5#



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: 3.959 ug/l

RT: 9.57 min Scan# 1258

Delta R.T. 0.09 min

Lab File: VW008143.D

Acq: 10 Jan 2019 12:15

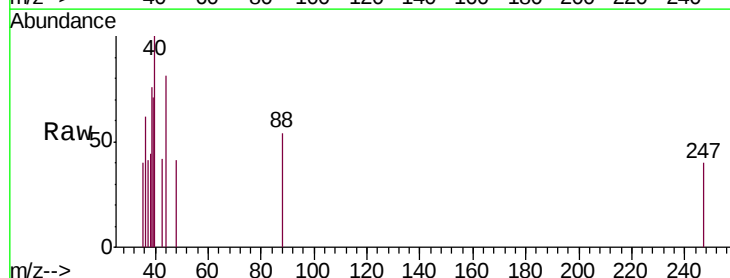
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

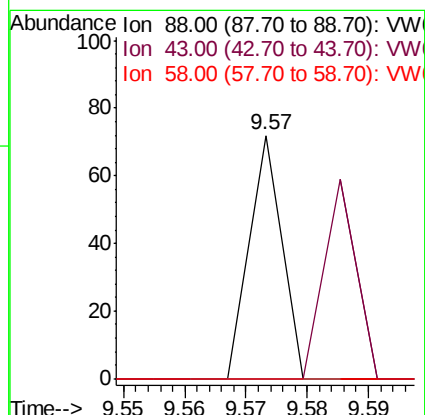
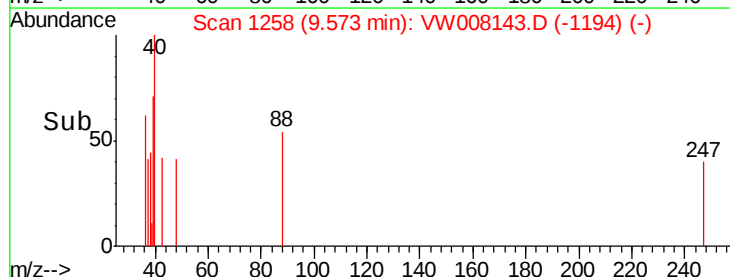
58 0.0 61.7 92.5#

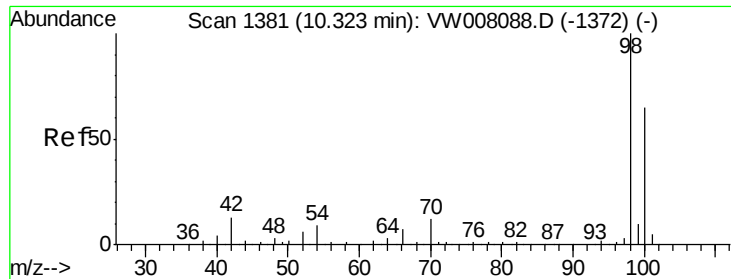


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

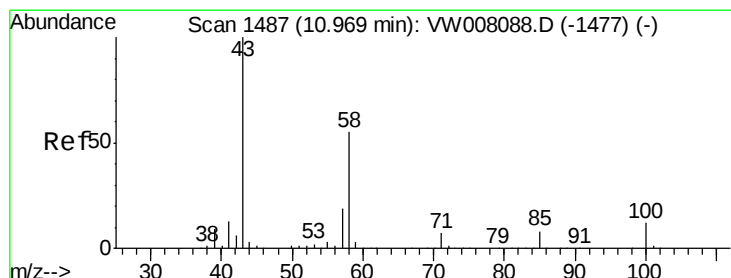
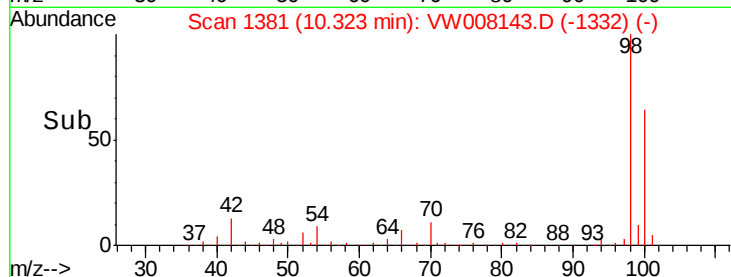
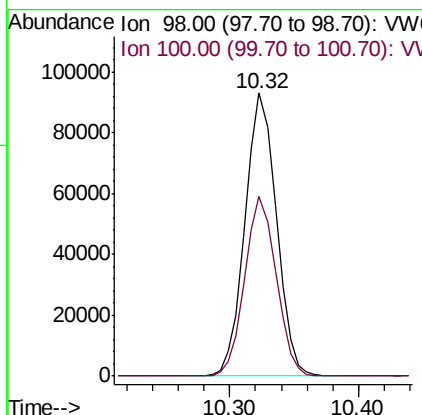
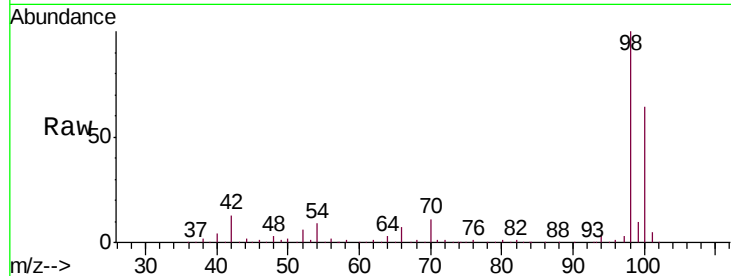




#50
Toluene-d8
Concen: 53.326 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

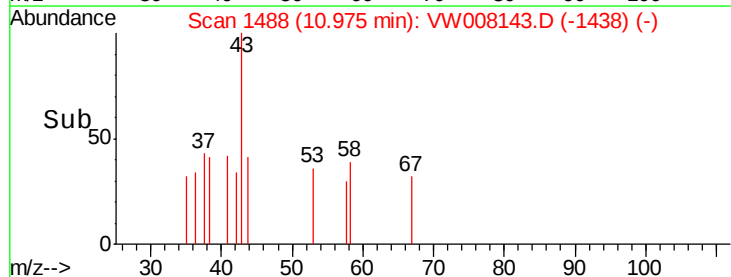
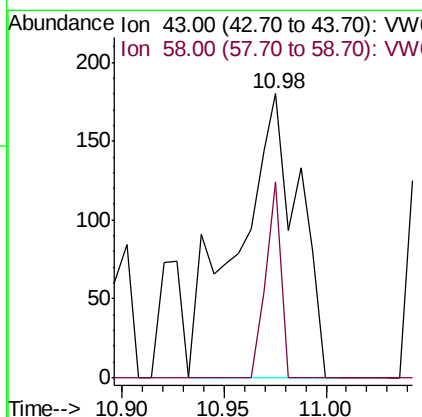
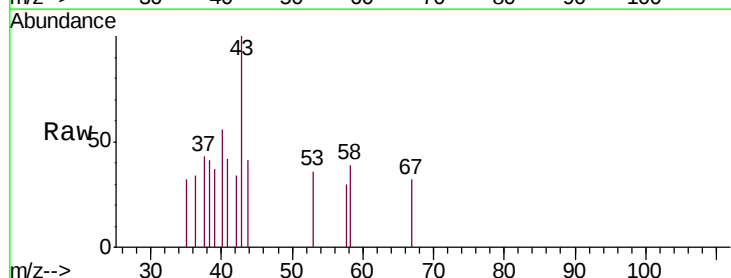
Instrument :
MSVOA_W
ClientSampled :
VW0110SBL01

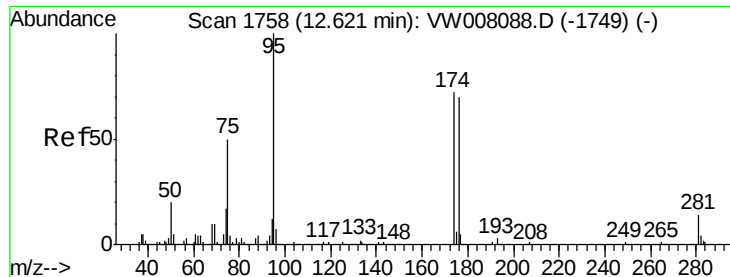
Tgt Ion: 98 Resp: 156654
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#59
2-Hexanone
Concen: 1.166 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 17.2 27.2 81.5#

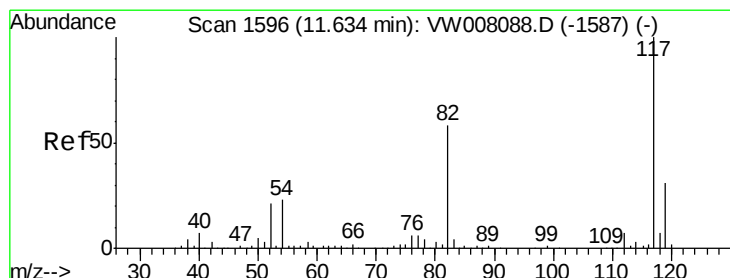
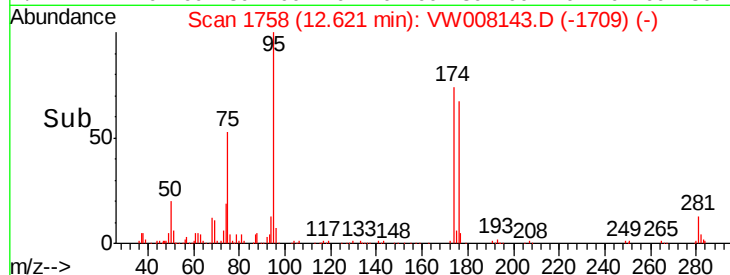
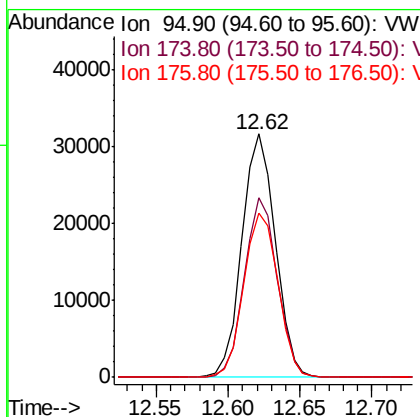
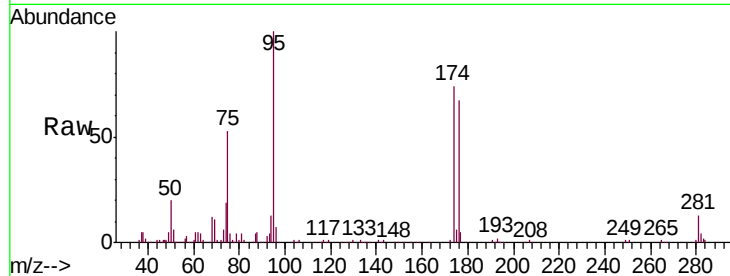




#62
4-Bromofluorobenzene
Concen: 48.311 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

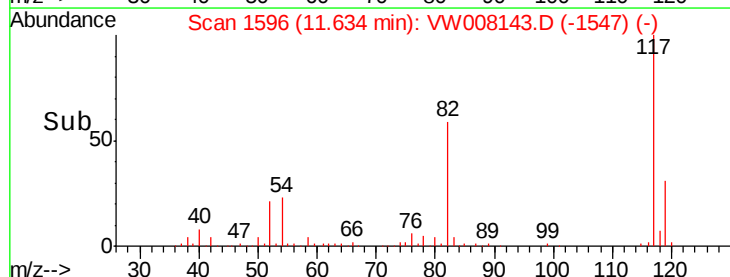
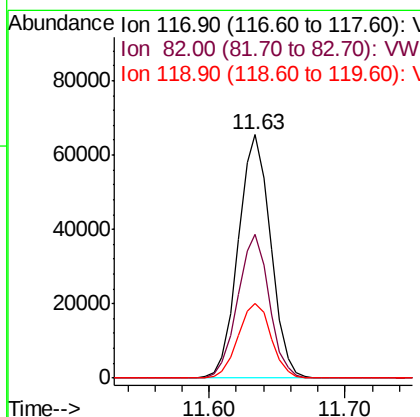
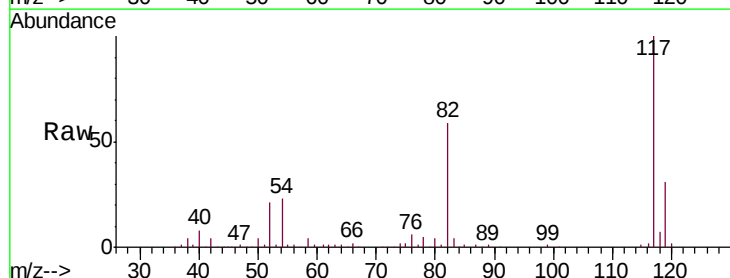
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

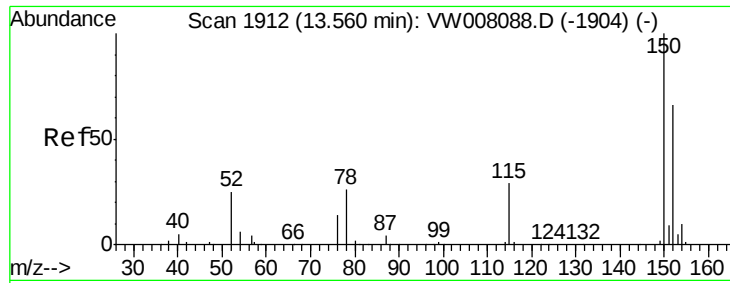
Tgt Ion: 95 Resp: 50879
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.0
176 68.9 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008143.D
Acq: 10 Jan 2019 12:15

Tgt Ion: 117 Resp: 108676
Ion Ratio Lower Upper
117 100
82 59.1 46.4 69.6
119 30.9 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008143.D

Acq: 10 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBL01

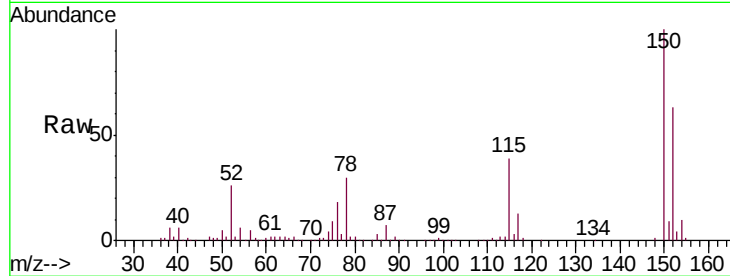
Tgt Ion:152 Resp: 47229

Ion Ratio Lower Upper

152 100

115 61.2 30.8 92.4

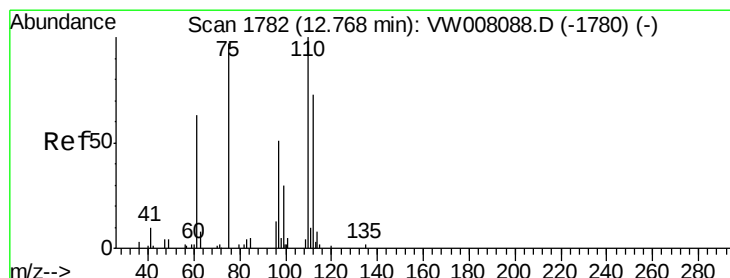
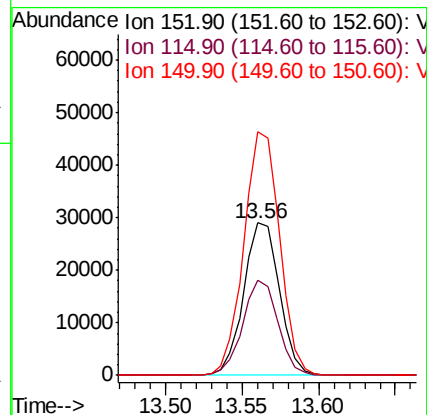
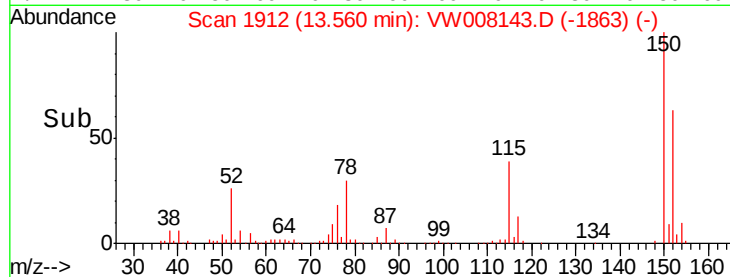
150 159.7 0.0 350.2



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: 60.440 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008143.D

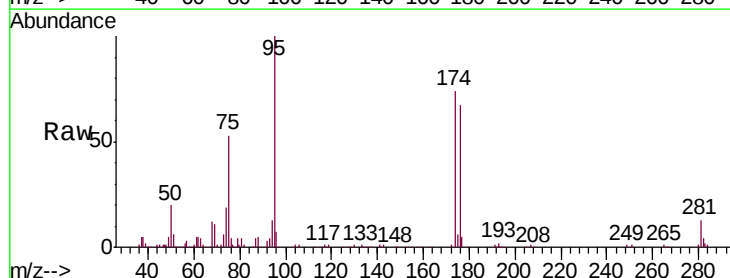
Acq: 10 Jan 2019 12:15

Tgt Ion: 75 Resp: 26022

Ion Ratio Lower Upper

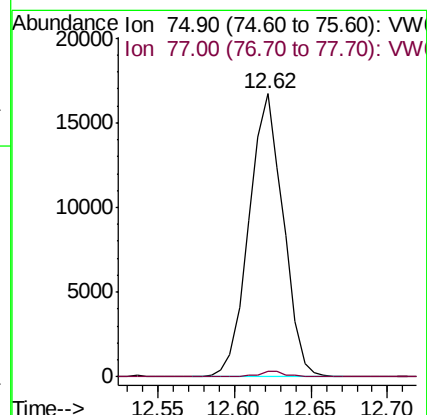
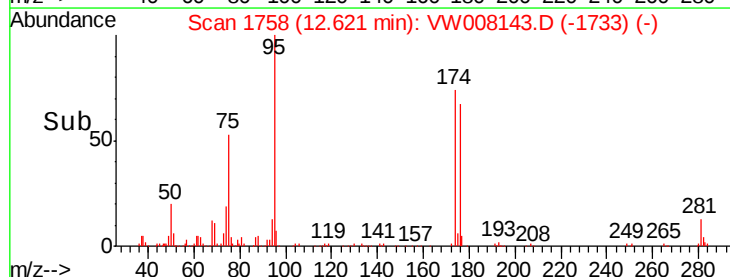
75 100

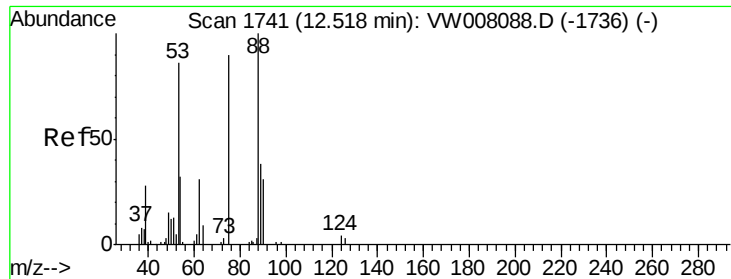
77 1.6 179.4 538.2#



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: 140.746 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008143.D

Acq: 10 Jan 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBL01

Tgt Ion: 75 Resp: 26022

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.2 35.4 53.2#

