

Data File : VW008279.D
Acq On : 15 Jan 2019 12:49
Operator : SY/VA
Sample : VW0115SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0115SBL01

Quant Time: Jan 16 00:45:40 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	75172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46385	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
35) Dibromofluoromethane	7.88	113	43495	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.32	98	181142	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.62	95	60239	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

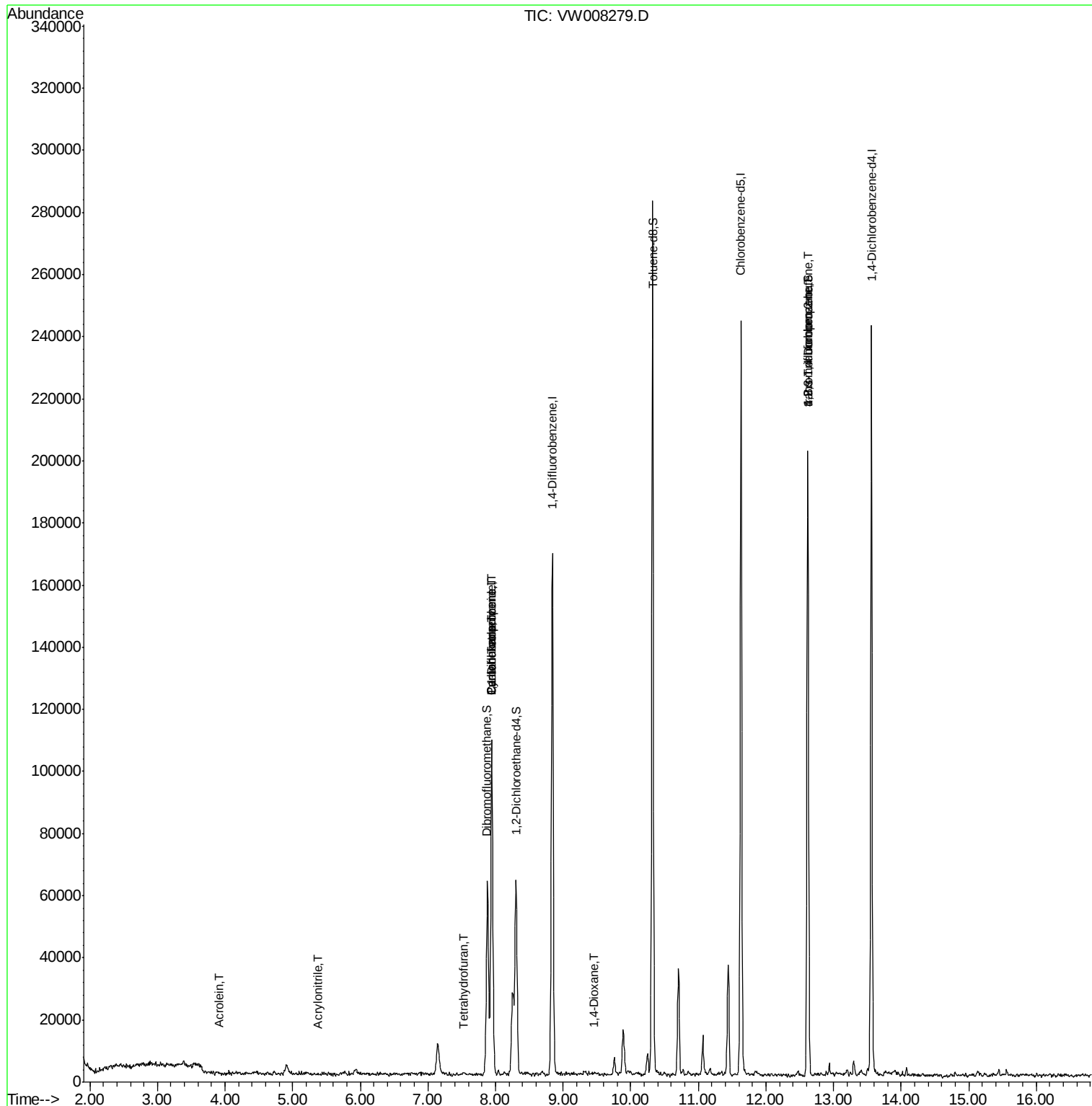
						Qvalue
11) Tert butyl alcohol	5.24	59	48	Below Cal	#	100
13) Acrolein	3.90	56	184	1.785	ug/l #	81
15) Acrylonitrile	5.37	53	279	1.535	ug/l #	65
16) Acetone	4.15	43	1218	Below Cal		92
20) Methylene Chloride	4.90	84	2234	Below Cal	#	75
29) Tetrahydrofuran	7.53	42	269	1.713	ug/l #	35
31) Cyclohexane	7.94	56	2134	1.200	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	6896	4.713	ug/l #	51
38) Carbon Tetrachloride	7.94	117	8194	6.118	ug/l #	16
49) 1,4-Dioxane	9.45	88	45	5.790	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	30614	56.446	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	30614	131.445	ug/l #	11

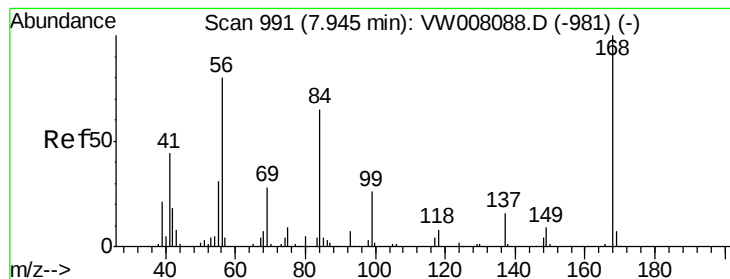
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

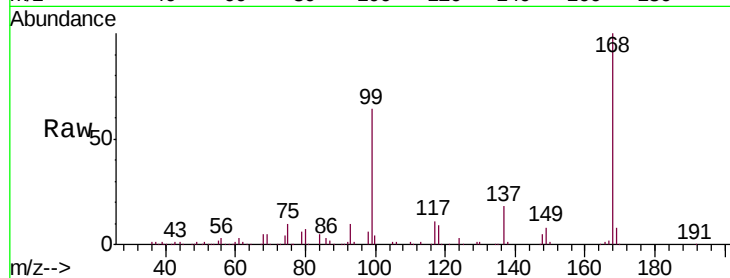
VW0115SBL01

Tgt Ion:168 Resp: 75172

Ion Ratio Lower Upper

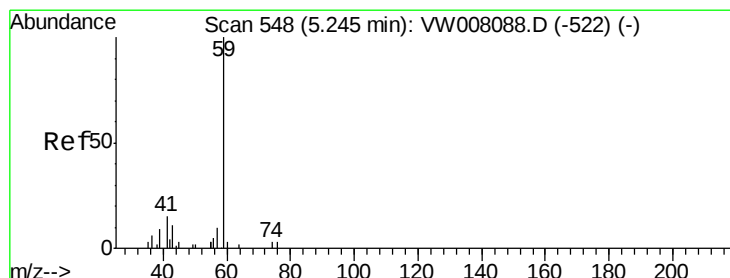
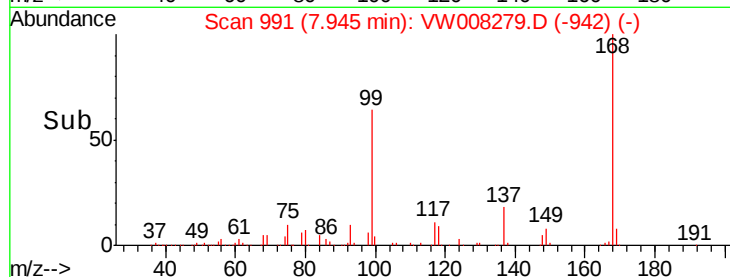
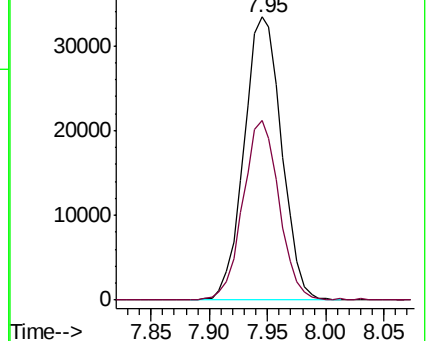
168 100

99 63.5 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: 5.24 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW008279.D

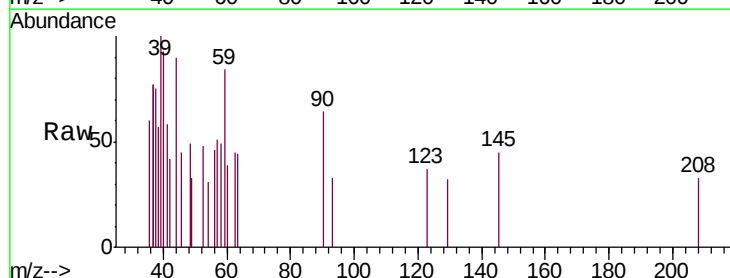
Acq: 15 Jan 2019 12:49

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

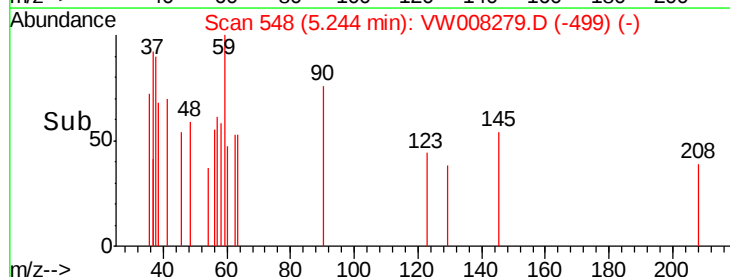
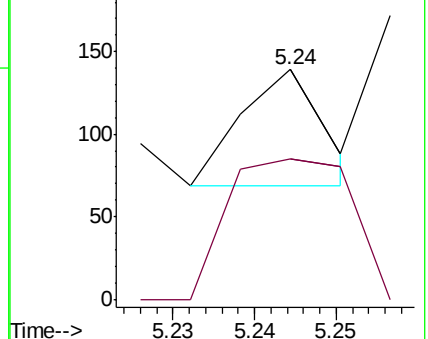
59 100

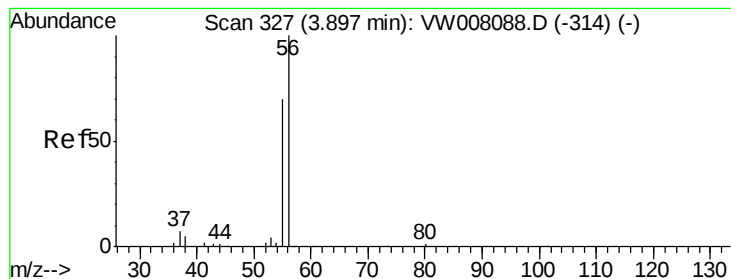
57 185.4 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.785 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Instrument :

MSVOA_W

ClientSampled :

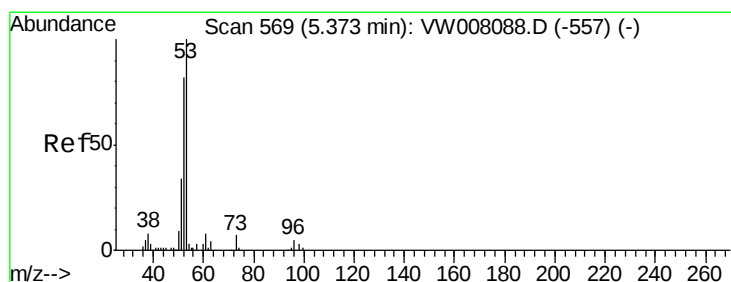
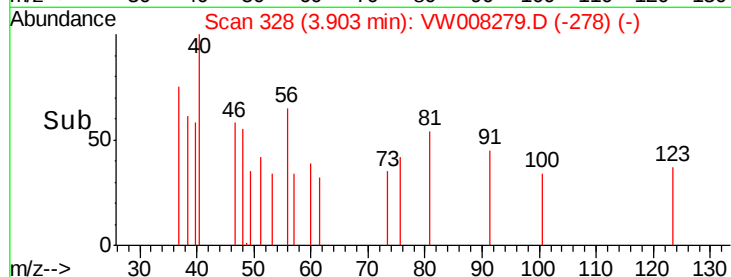
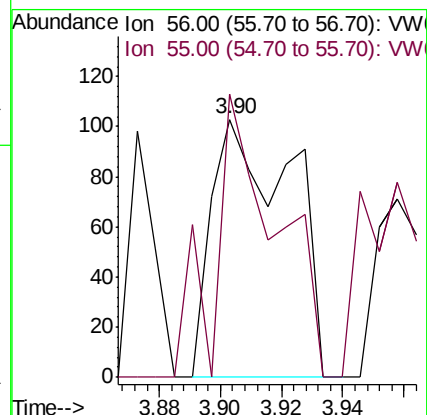
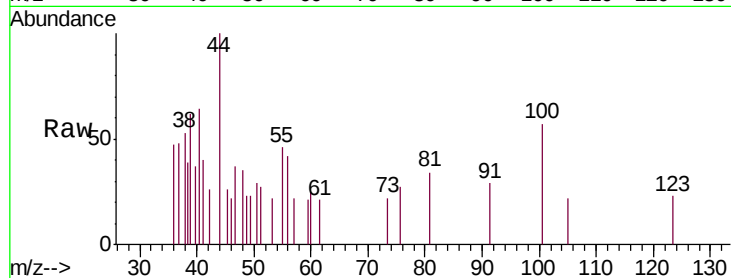
VW0115SBL01

Tgt Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 86.4 56.6 84.8#



#15

Acrylonitrile

Concen: 1.535 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

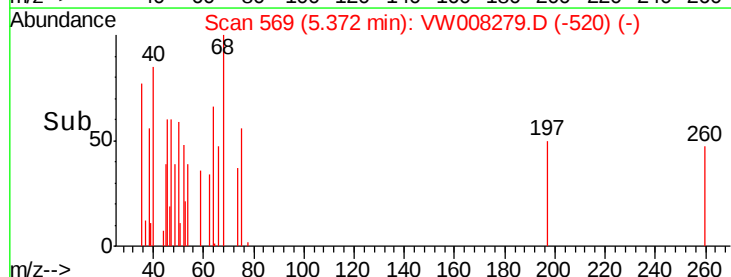
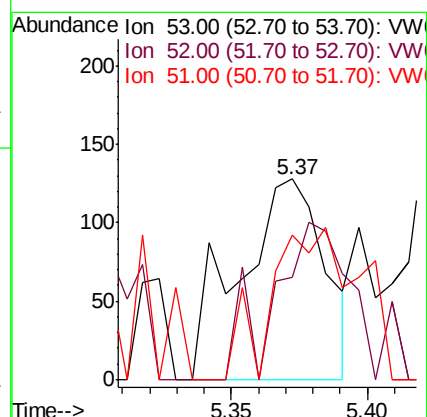
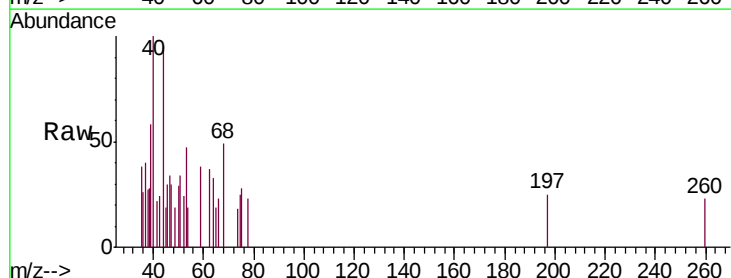
Tgt Ion: 53 Resp: 279

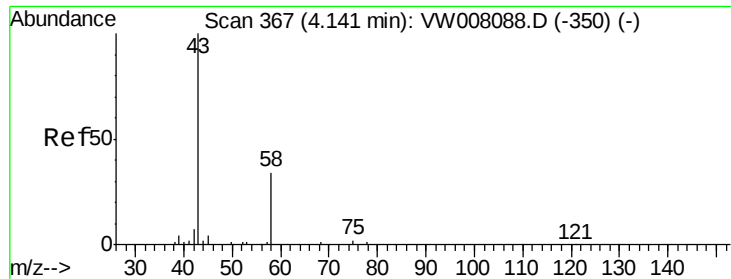
Ion Ratio Lower Upper

53 100

52 65.2 66.8 100.2#

51 78.5 29.7 44.5#





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

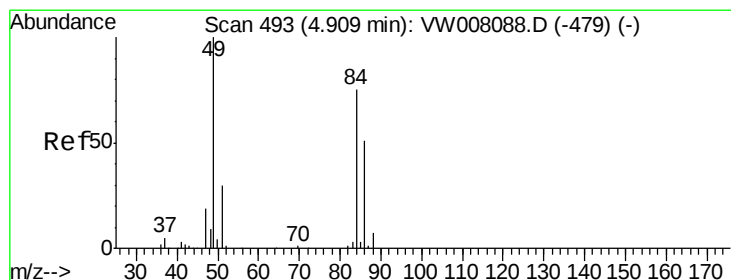
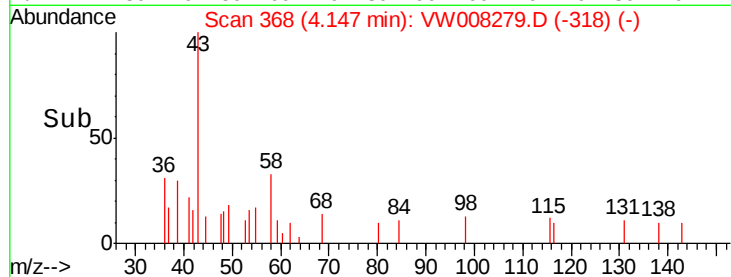
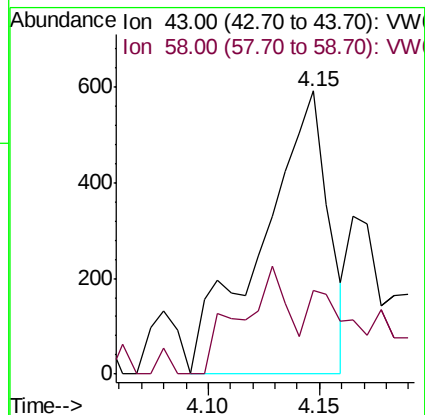
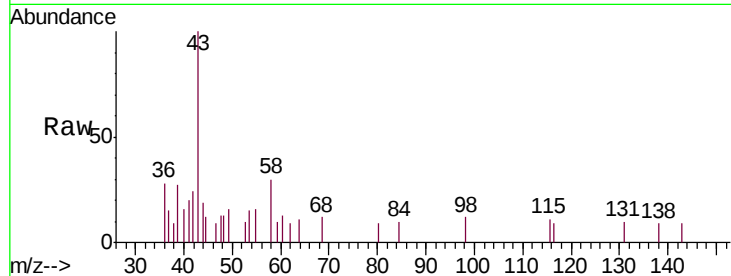
VW0115SBL01

Tgt Ion: 43 Resp: 1218

Ion Ratio Lower Upper

43 100

58 29.6 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Tgt Ion: 84 Resp: 2234

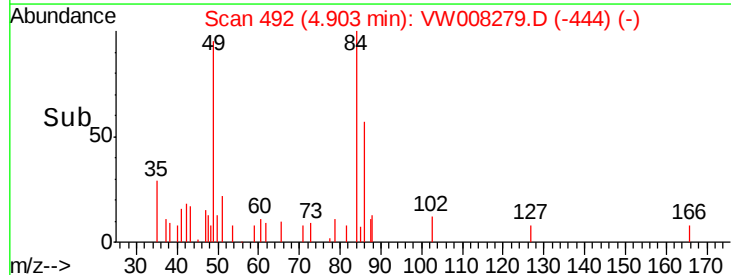
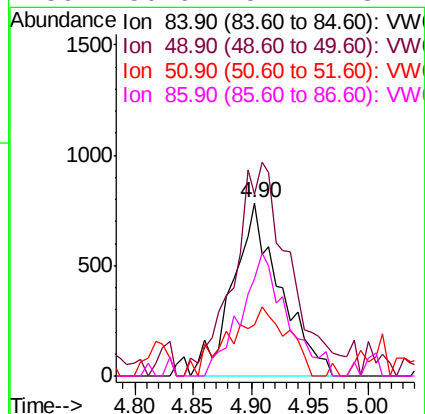
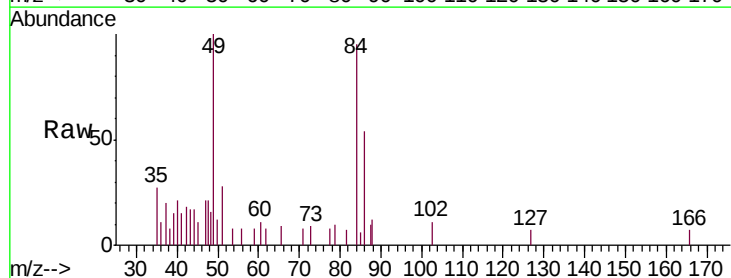
Ion Ratio Lower Upper

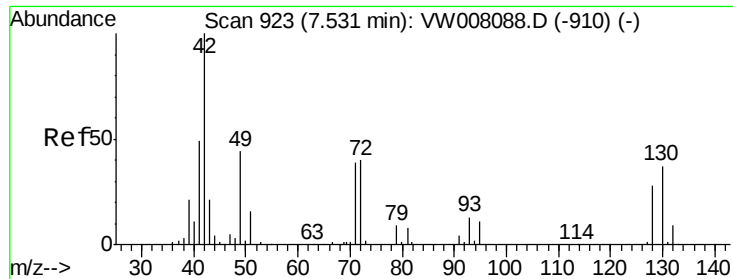
84 100

49 95.2 107.1 160.7#

51 29.7 32.4 48.6#

86 56.6 54.2 81.4

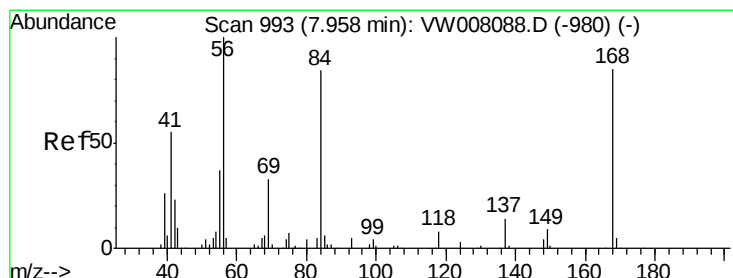
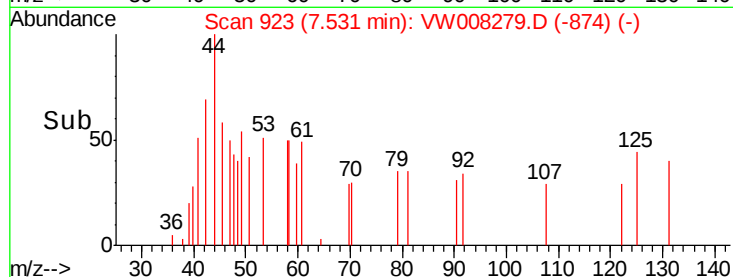
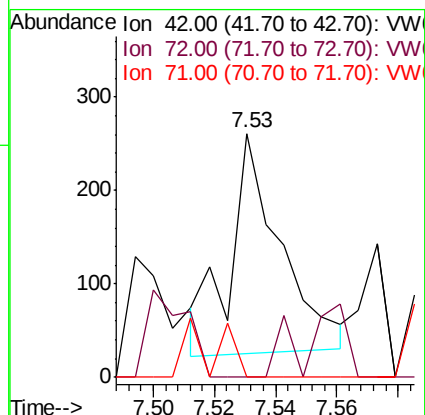
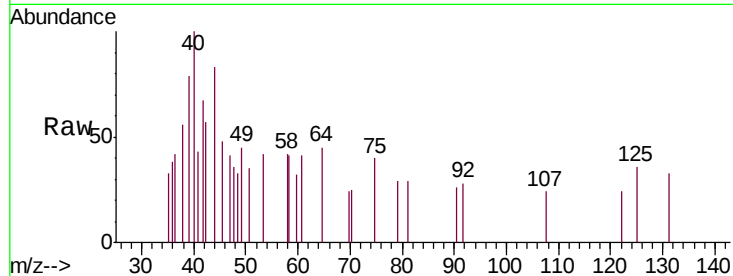




#29
Tetrahydrofuran
Concen: 1.713 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

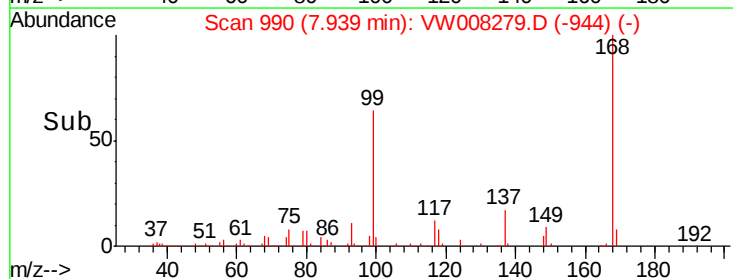
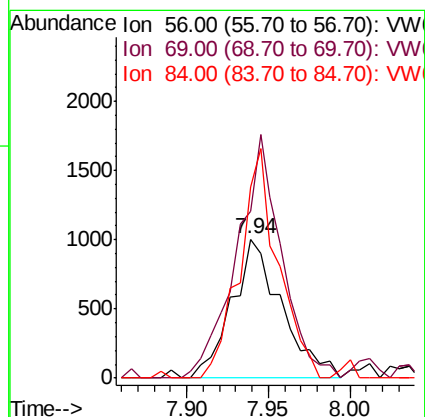
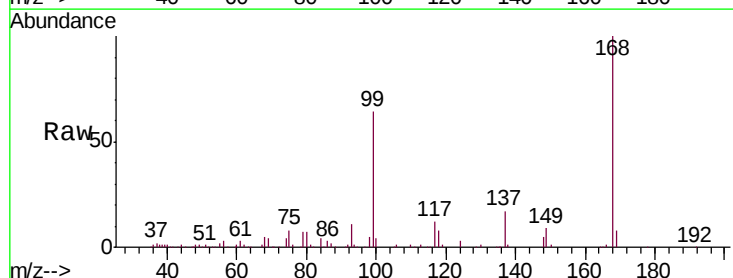
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBL01

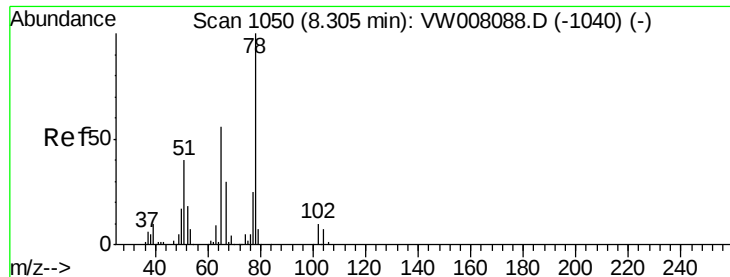
Tgt Ion: 42 Resp: 269
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

Tgt Ion: 56 Resp: 2134
Ion Ratio Lower Upper
56 100
69 120.1 26.2 39.4#
84 137.8 67.4 101.2#





#33

1,2-Dichloroethane-d4

Concen: 54.902 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

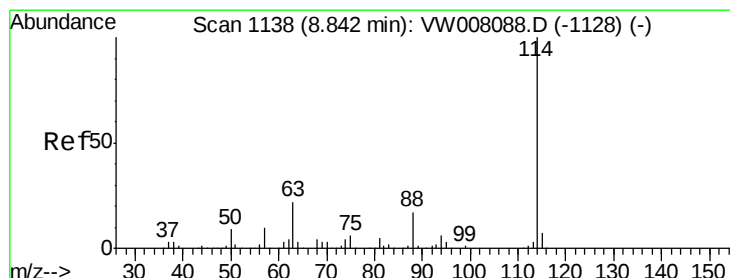
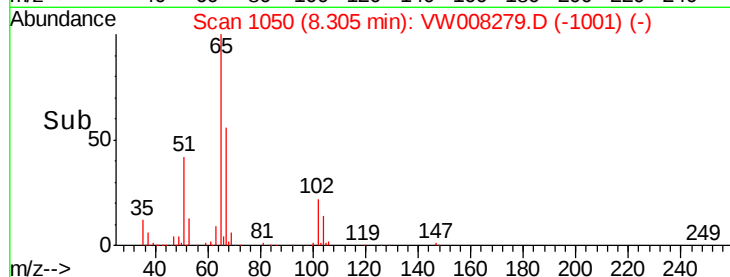
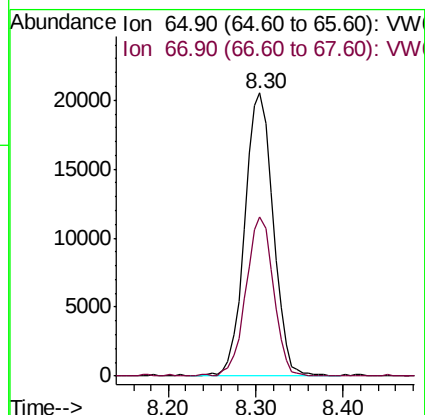
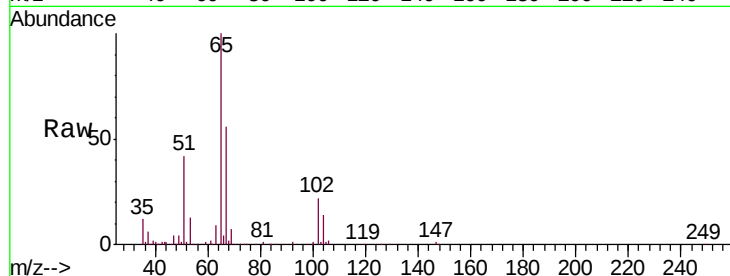
VW0115SBL01

Tgt Ion: 65 Resp: 46385

Ion Ratio Lower Upper

65 100

67 54.0 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: VW008279.D

Acq: 15 Jan 2019 12:49

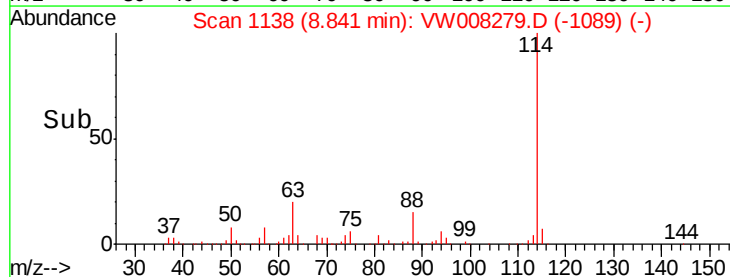
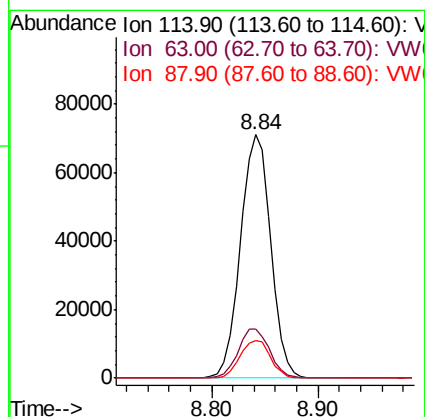
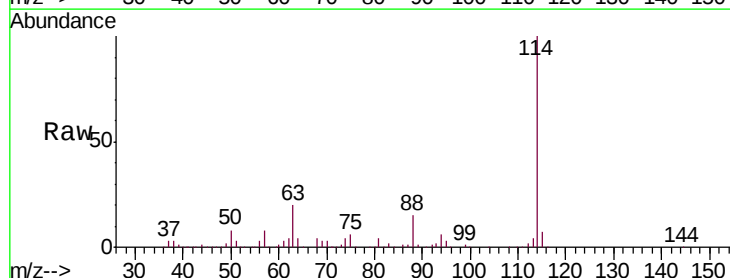
Tgt Ion: 114 Resp: 142055

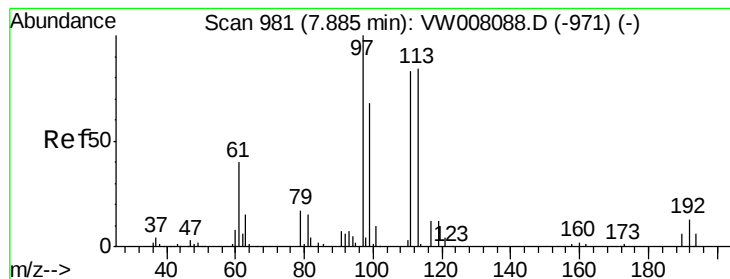
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.4

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.497 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0115SBL01

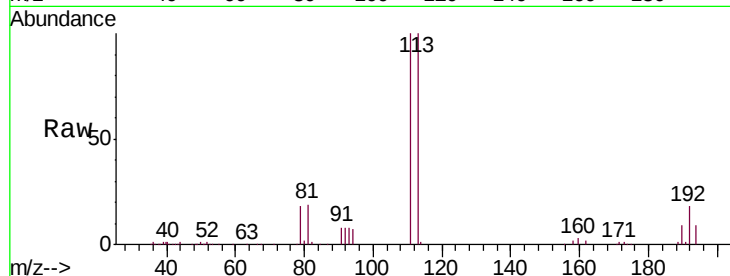
Tgt Ion:113 Resp: 43495

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

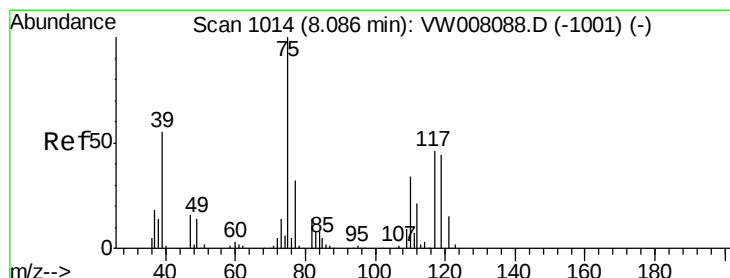
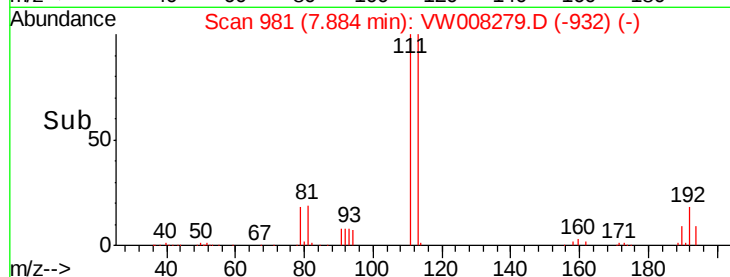
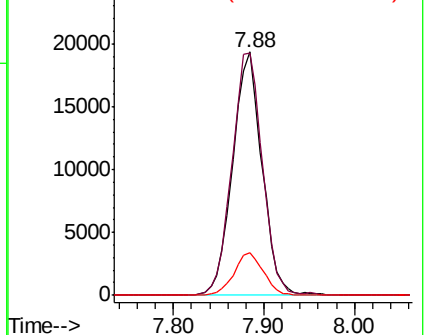
192 17.6 12.8 19.2



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: 4.713 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008279.D

Acq: 15 Jan 2019 12:49

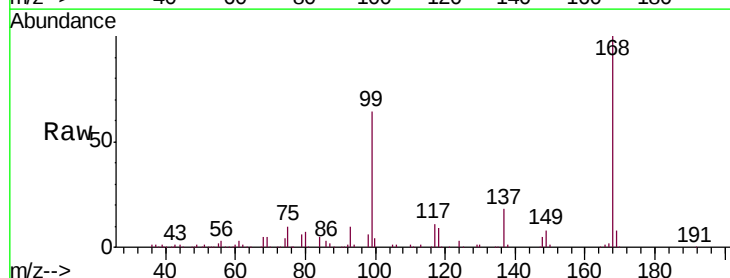
Tgt Ion: 75 Resp: 6896

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.3#

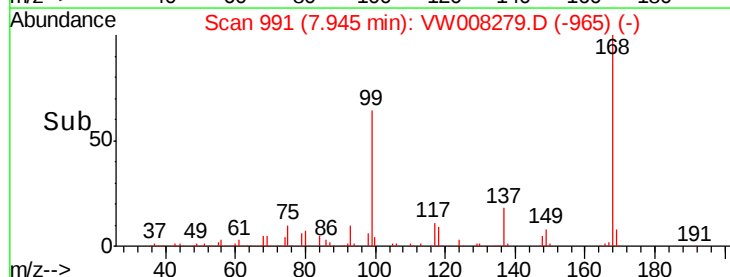
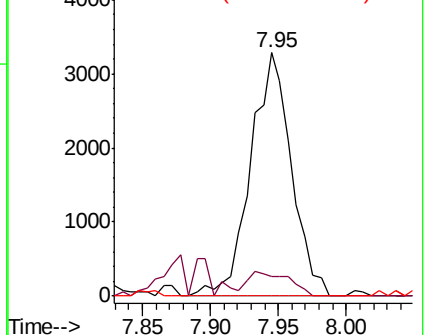
77 0.0 25.5 38.3#

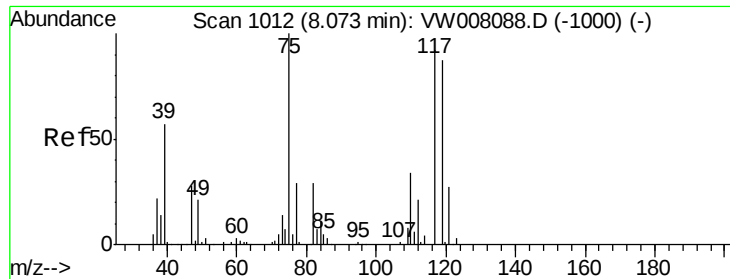


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

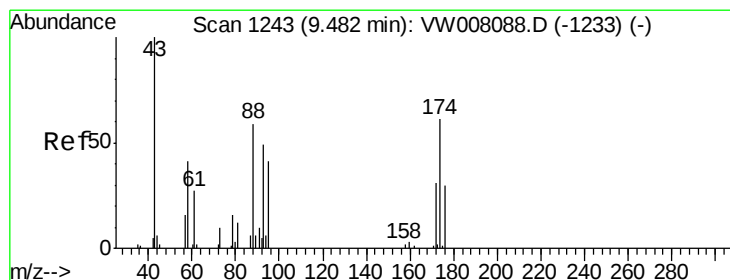
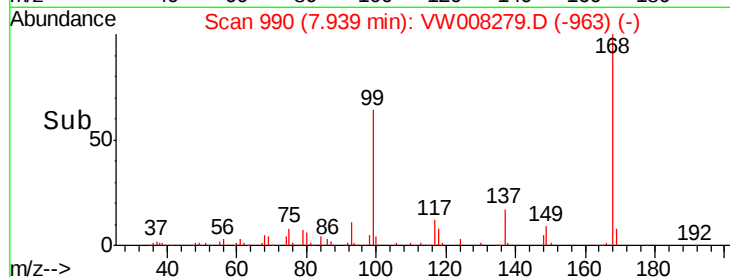
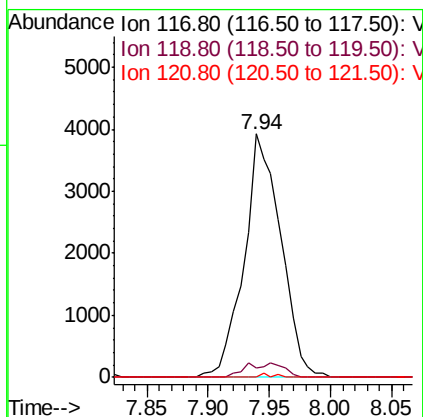
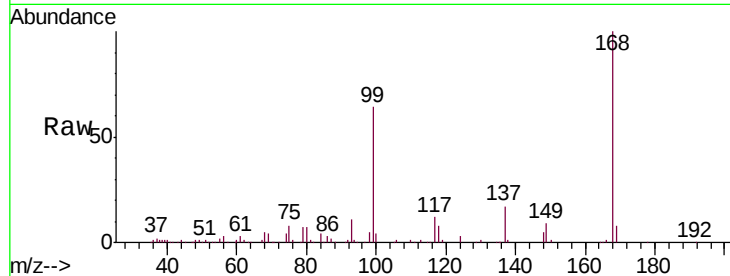




#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

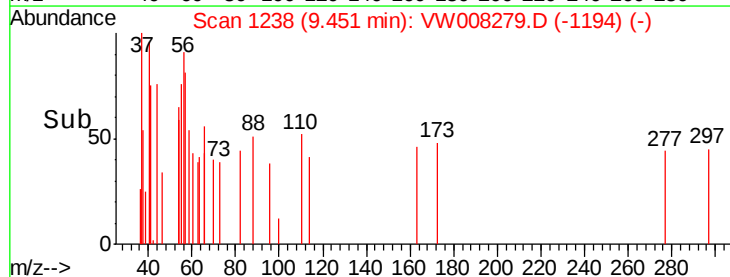
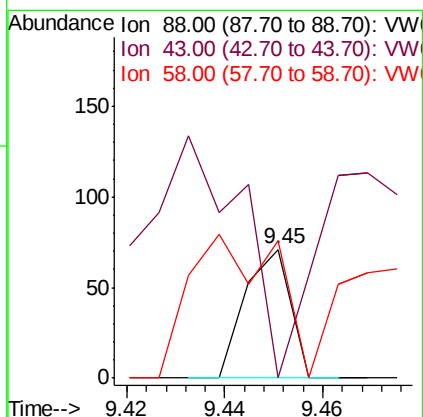
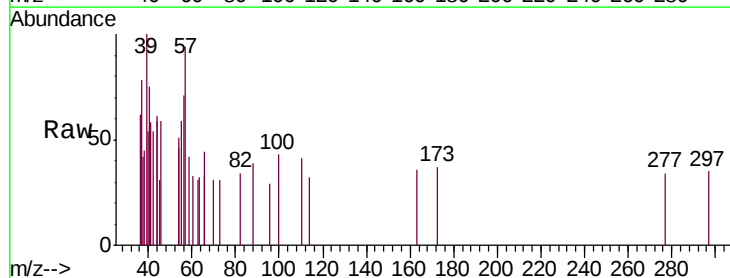
Instrument :
MSVOA_W
ClientSampled :
VW0115SBL01

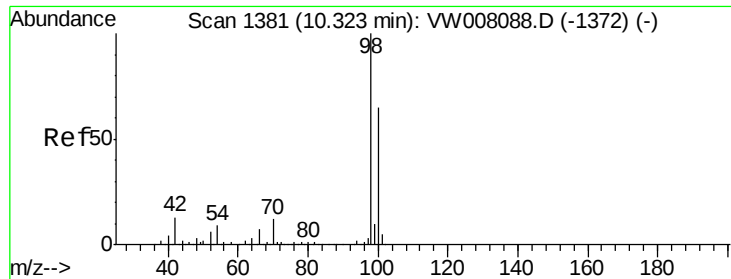
Tgt Ion: 117 Resp: 8194
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 23.7 35.5#



#49
1,4-Dioxane
Concen: 5.790 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 382.2 0.0 0.0#
58 0.0 61.7 92.5#

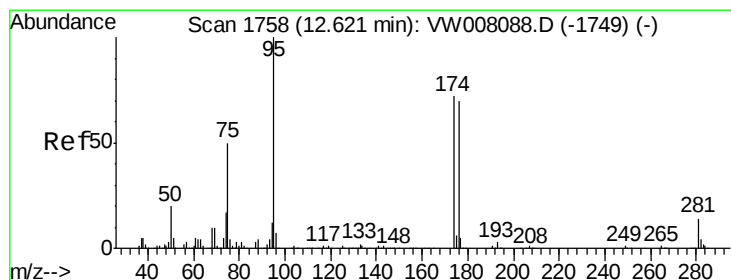
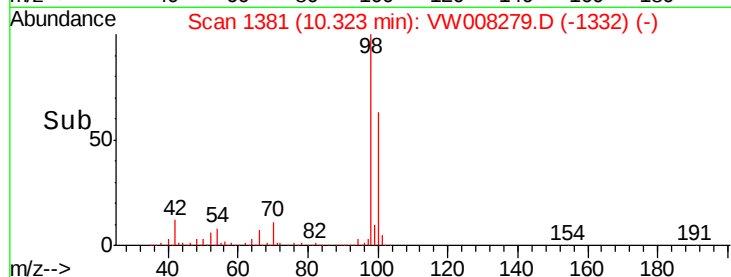
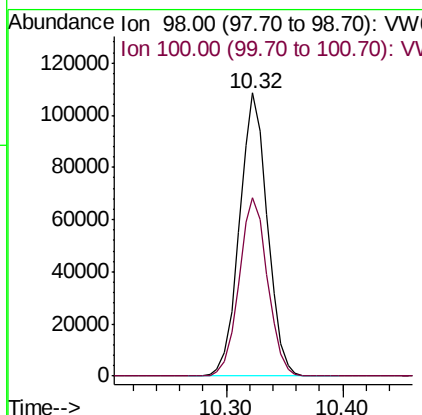
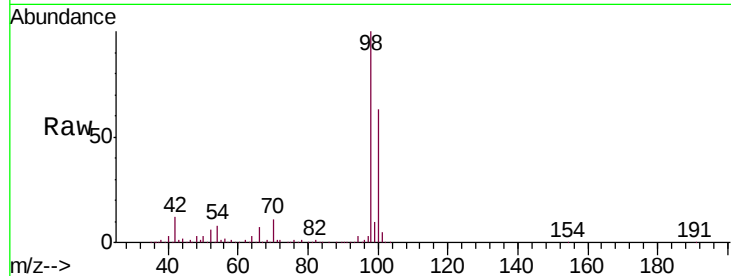




#50
Toluene-d8
Concen: 52.100 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

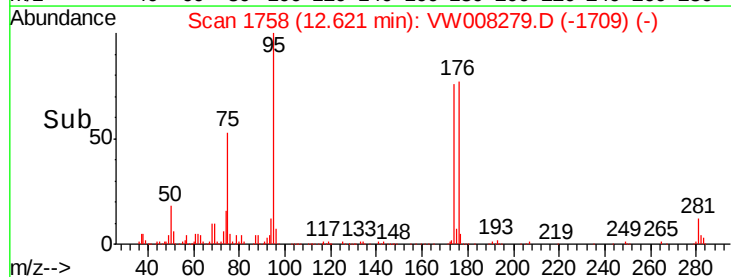
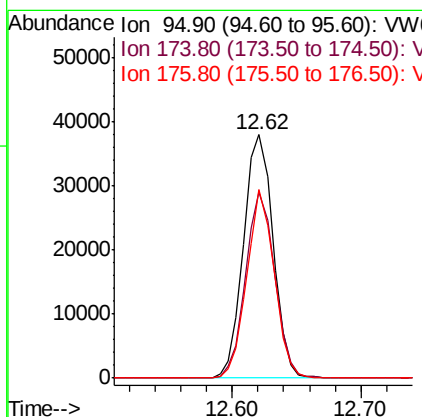
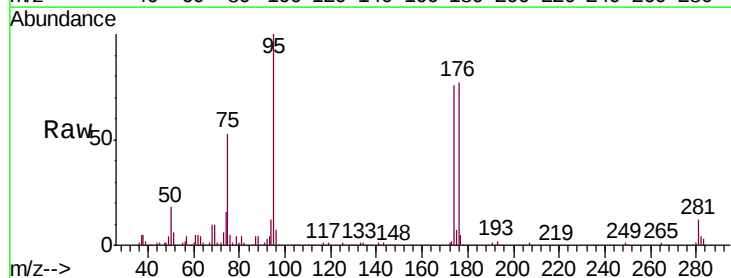
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBL01

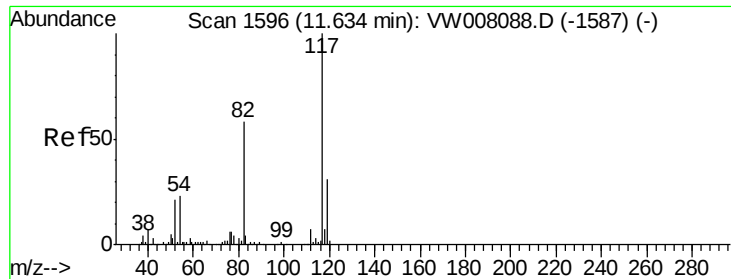
Tgt Ion: 98 Resp: 181142
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.330 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

Tgt Ion: 95 Resp: 60239
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.0
176 71.6 0.0 140.2

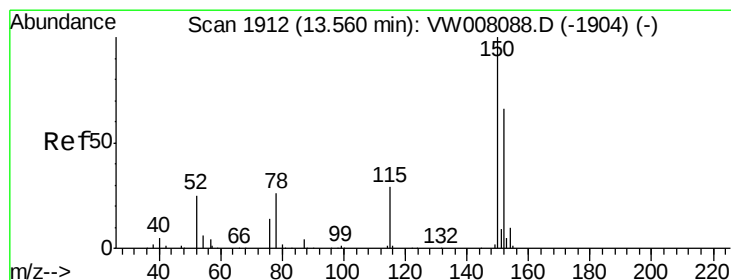
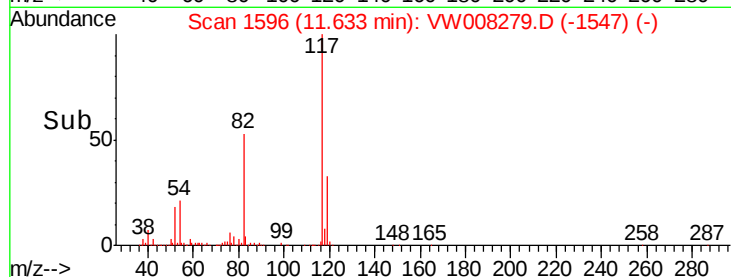
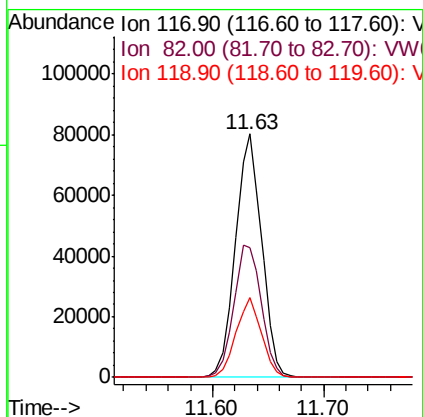
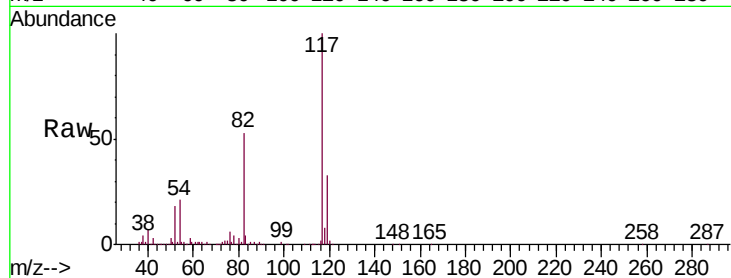




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

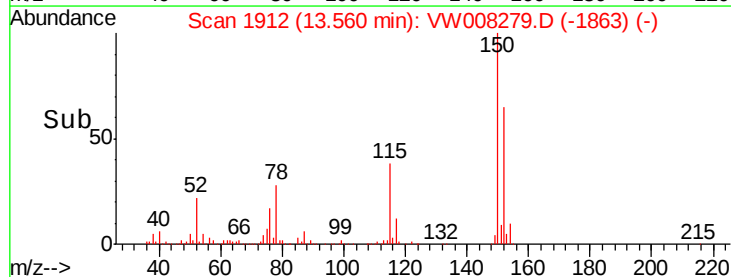
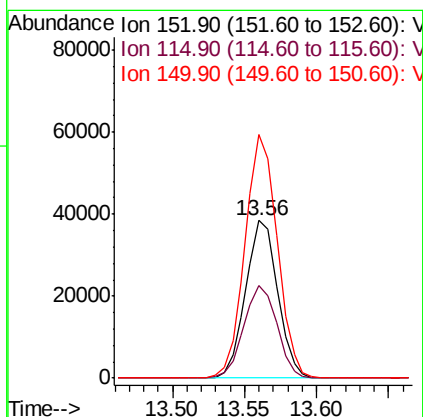
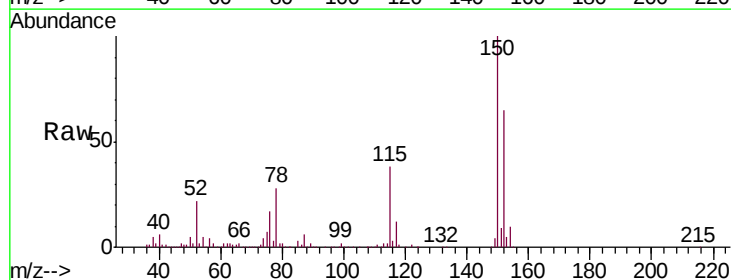
Instrument :
MSVOA_W
ClientSampleId :
VW0115SBL01

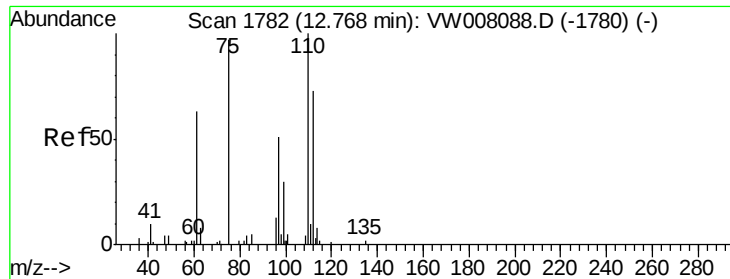
Tgt Ion:117 Resp: 130580
Ion Ratio Lower Upper
117 100
82 53.4 46.4 69.6
119 32.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008279.D
Acq: 15 Jan 2019 12:49

Tgt Ion:152 Resp: 59495
Ion Ratio Lower Upper
152 100
115 60.5 30.8 92.4
150 154.7 0.0 350.2

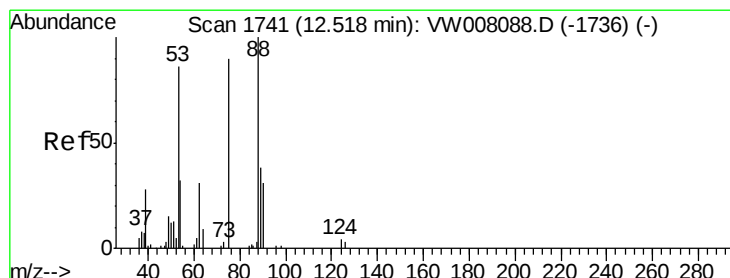
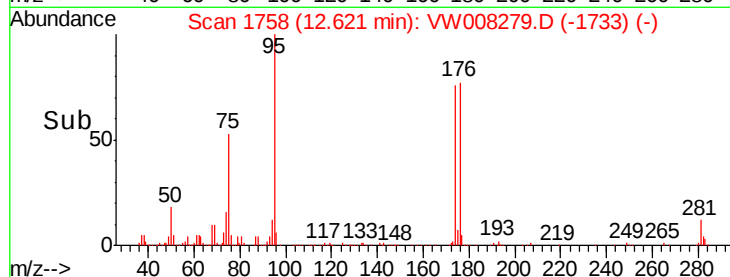
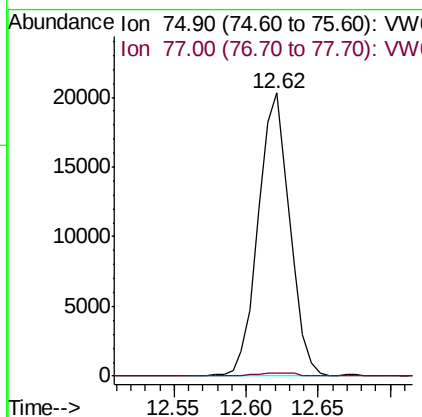
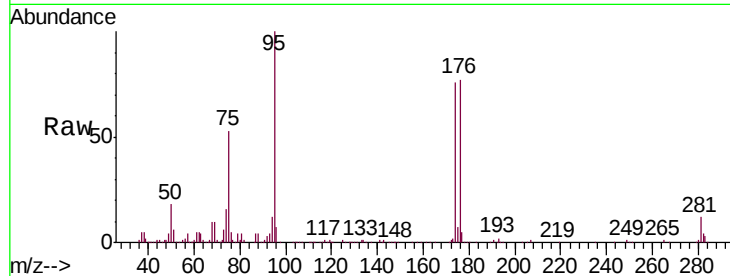




#76
 1,2,3-Trichloropropane
 Concen: 56.446 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008279.D
 Acq: 15 Jan 2019 12:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBL01

Tgt Ion: 75 Resp: 30614
 Ion Ratio Lower Upper
 75 100
 77 1.6 179.4 538.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.445 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008279.D
 Acq: 15 Jan 2019 12:49

Tgt Ion: 75 Resp: 30614
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.8 118.2#
 89 0.2 35.4 53.2#

