

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008108.D
 Acq On : 09 Jan 2019 17:30
 Operator : SY/AP
 Sample : K1074-06
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-3

Quant Time: Jan 10 05:58:55 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	91114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65465	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	52434	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	48018	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.32	98	195980	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	65162	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

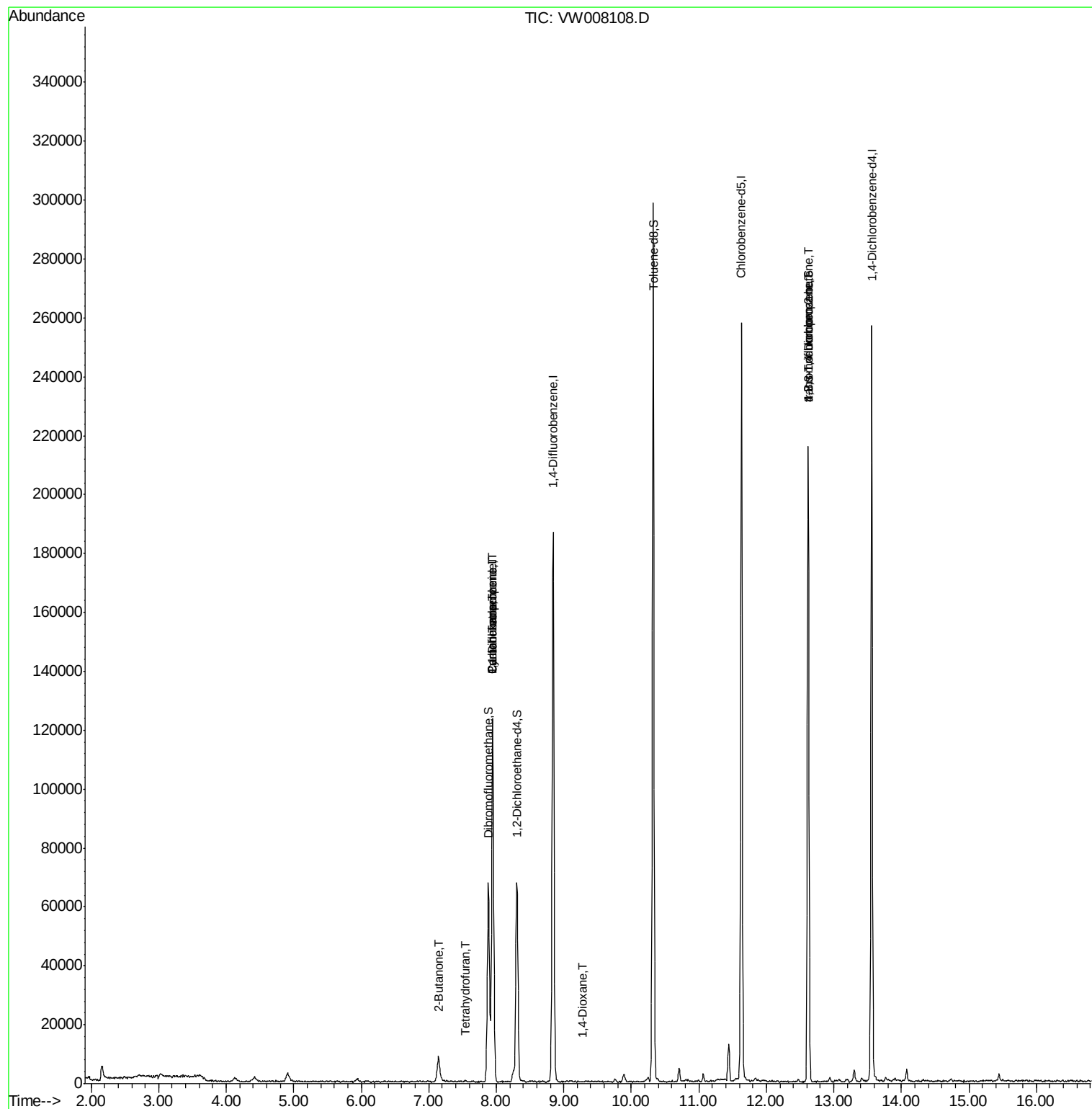
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	400	Below Cal	#	100
13) Acrolein	3.78	56	28	Below Cal	#	1
16) Acetone	4.13	43	2301	Below Cal		96
20) Methylene Chloride	4.90	84	2074	Below Cal	#	81
25) 2-Butanone	7.15	43	470	1.650	ug/l #	49
29) Tetrahydrofuran	7.53	42	300	1.576	ug/l #	35
31) Cyclohexane	7.95	56	2157	1.001	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	7423	4.597	ug/l #	51
38) Carbon Tetrachloride	7.95	117	9039	6.116	ug/l #	17
49) 1,4-Dioxane	9.28	88	19	2.215	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	33198	55.628	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	33198	129.541	ug/l #	10

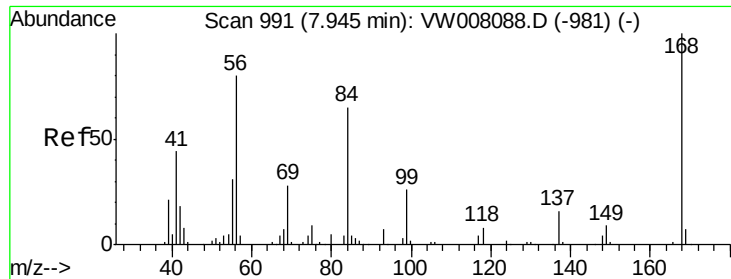
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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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: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

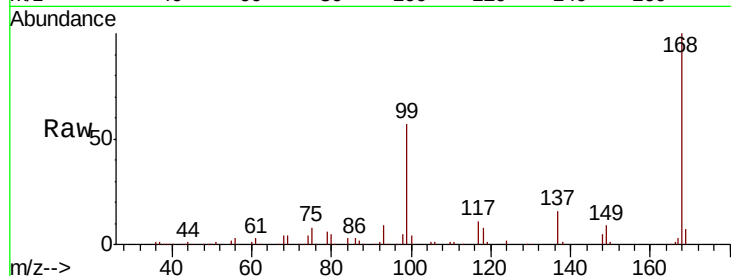
W12-3

Tgt Ion: 168 Resp: 91114

Ion Ratio Lower Upper

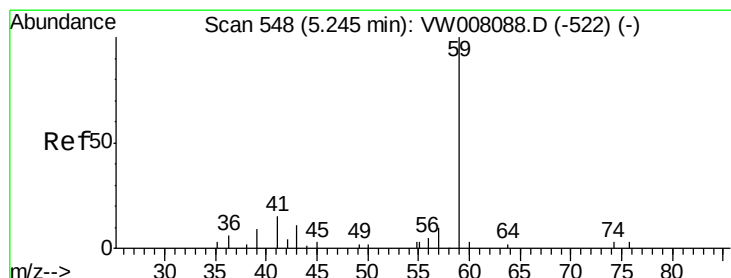
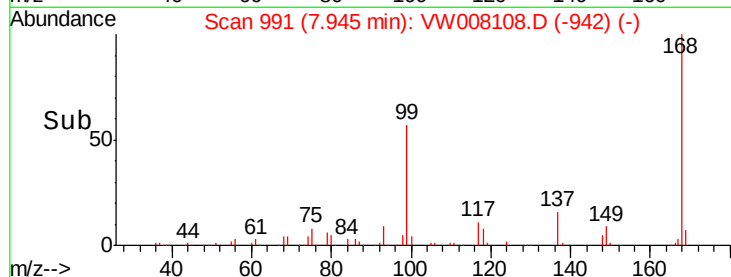
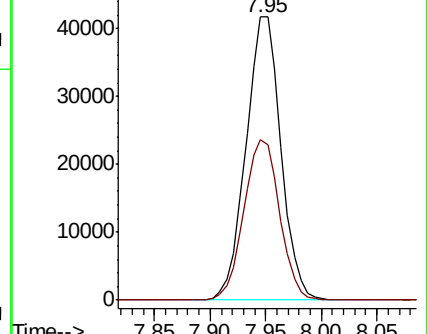
168 100

99 56.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. -0.06 min

Lab File: VW008108.D

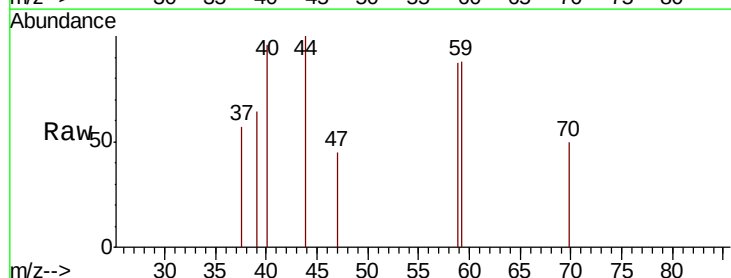
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Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

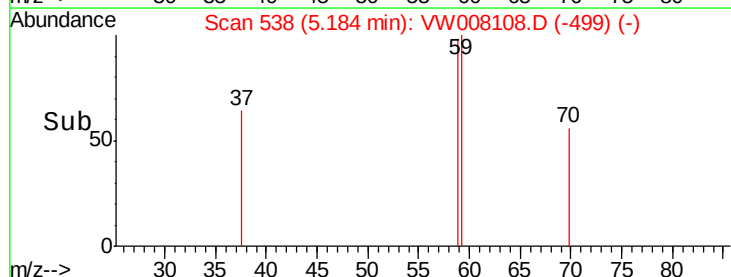
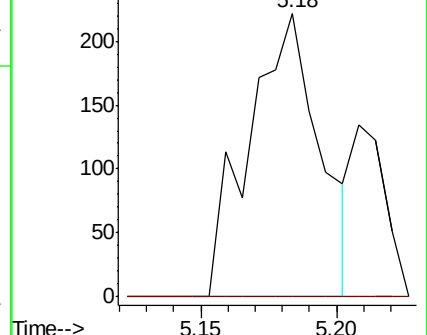
59 100

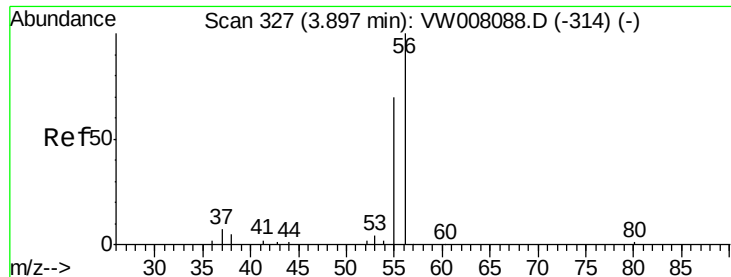
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

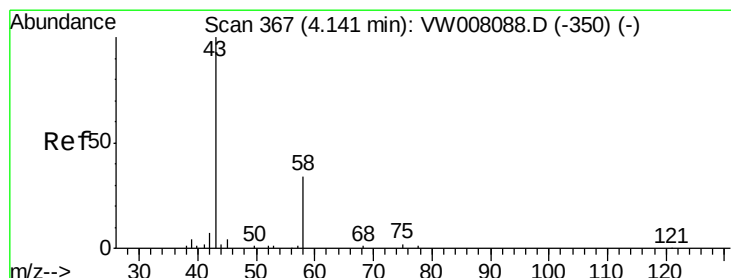
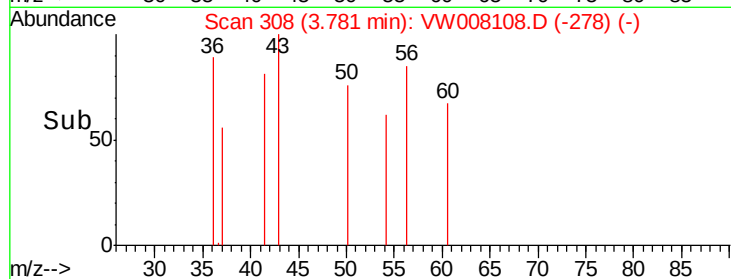
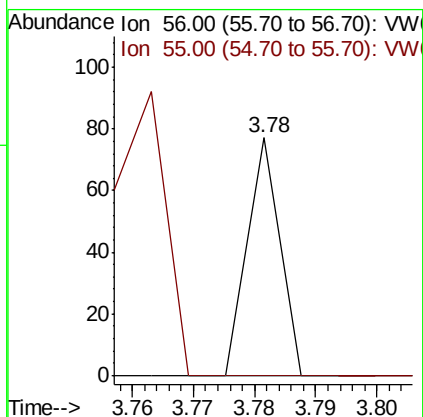
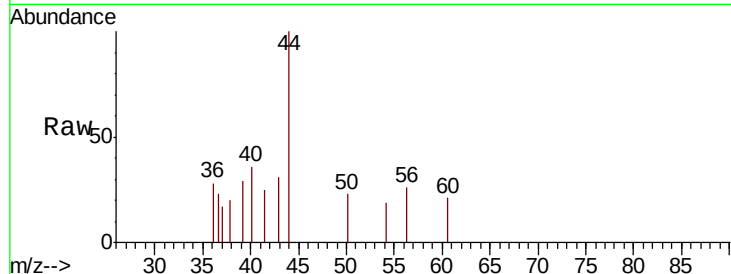




#13
Acrolein
Concen: Below Cal
RT: 3.78 min Scan# 308
Delta R.T. -0.12 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

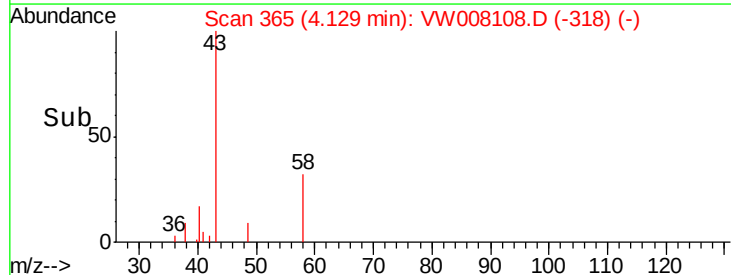
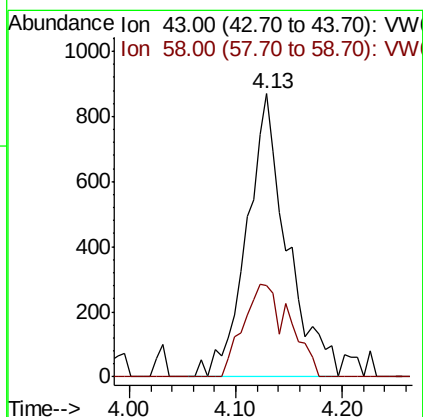
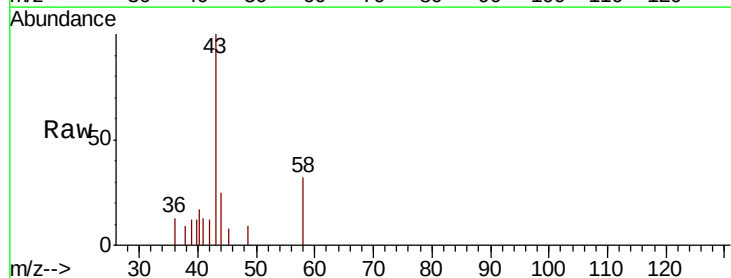
Instrument :
MSVOA_W
ClientSampleId :
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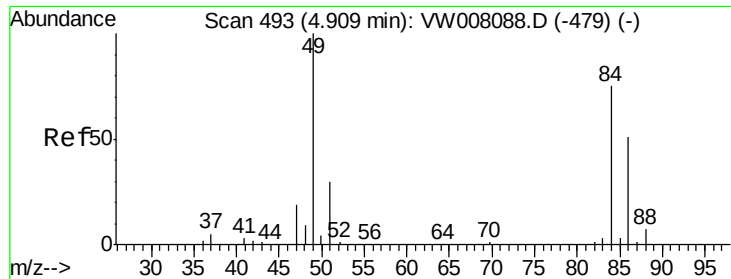
Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 200.0 56.6 84.8#



#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
58 32.1 27.5 41.3

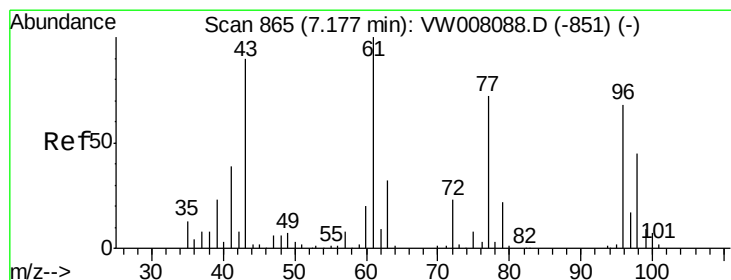
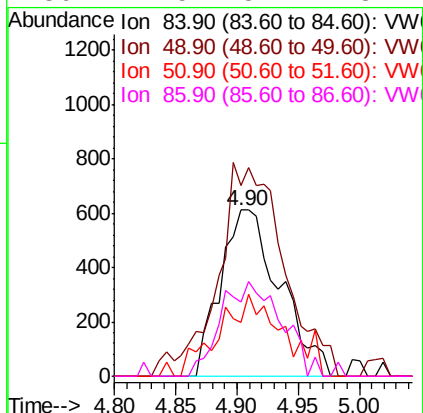
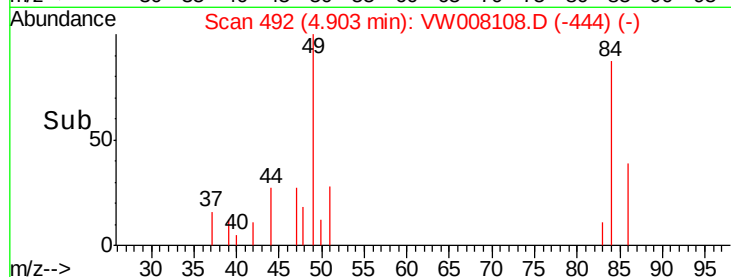
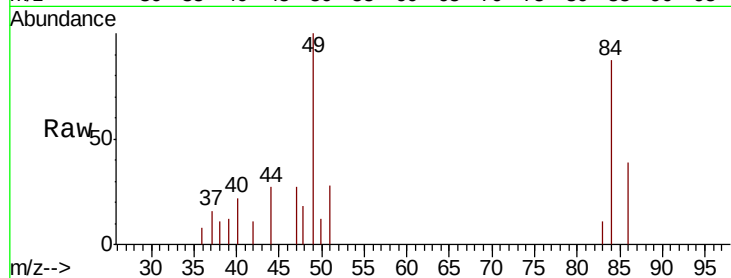




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

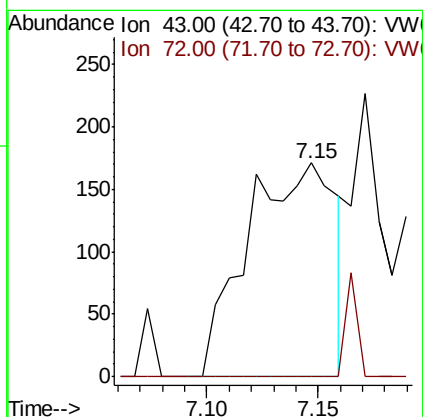
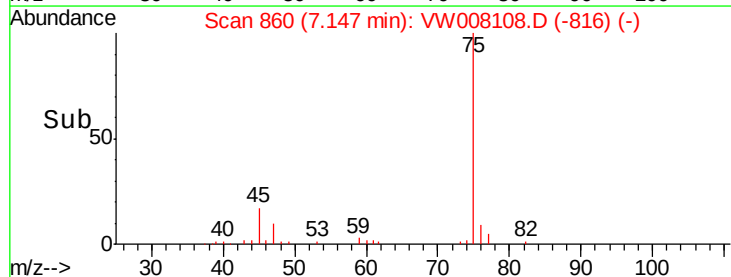
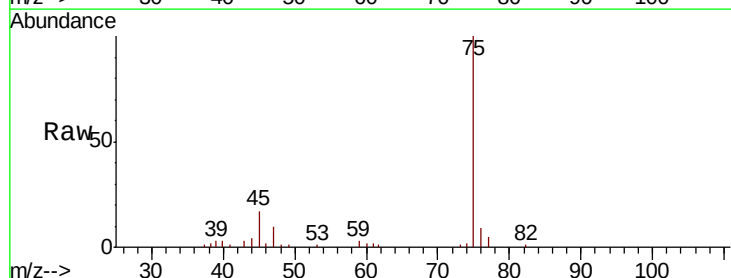
Instrument :
MSVOA_W
ClientSampleId :
W12-3

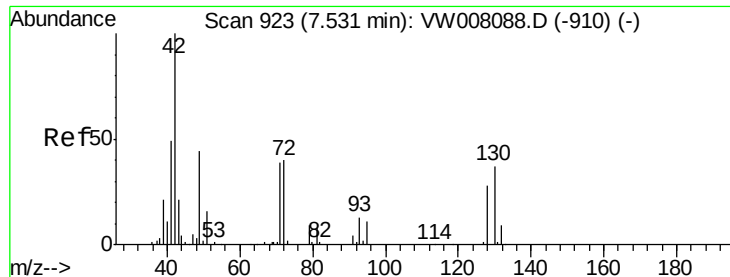
Tgt Ion: 84 Resp: 2074
Ion Ratio Lower Upper
84 100
49 114.9 107.1 160.7
51 32.1 32.4 48.6#
86 44.5 54.2 81.4#



#25
2-Butanone
Concen: 1.650 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

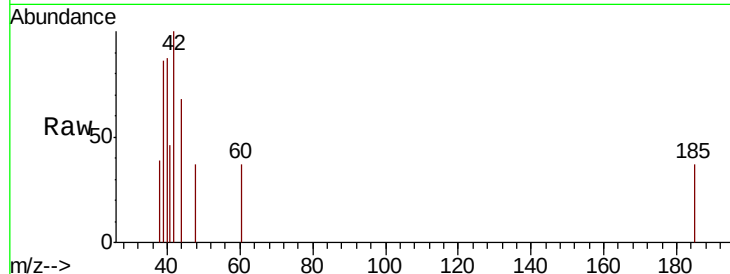




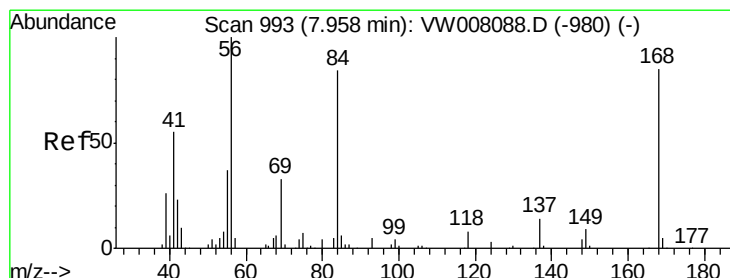
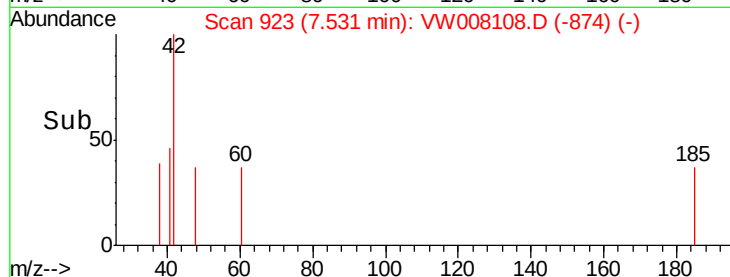
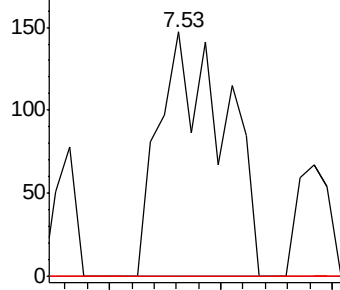
#29
Tetrahydrofuran
Concen: 1.576 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Instrument :
MSVOA_W
ClientSampleId :
W12-3

Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 0.0 31.3 46.9#

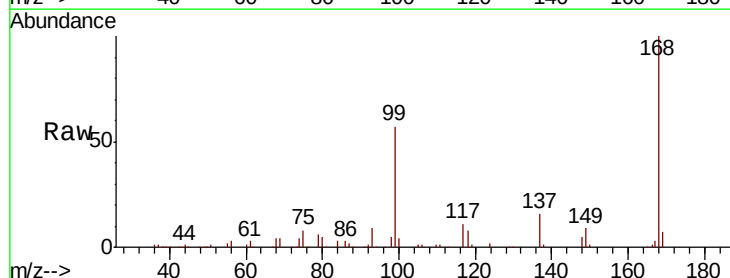


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

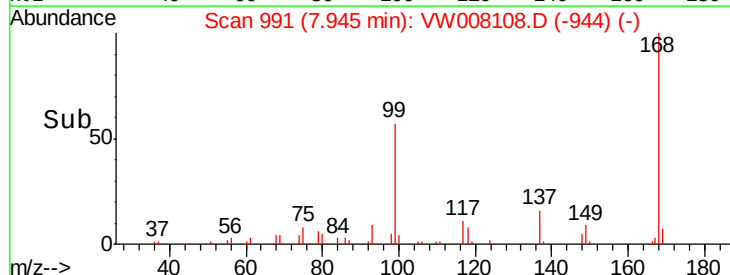
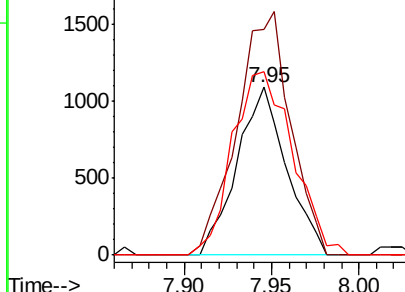


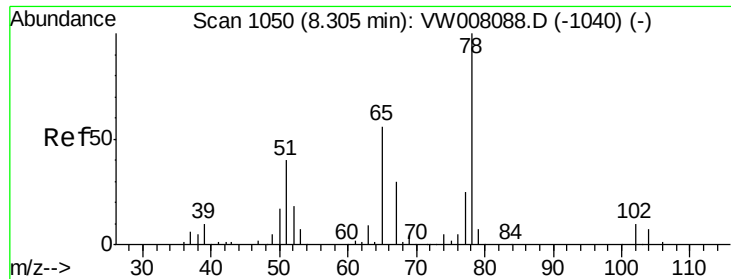
#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion: 56 Resp: 2157
Ion Ratio Lower Upper
56 100
69 134.4 26.2 39.4#
84 109.2 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

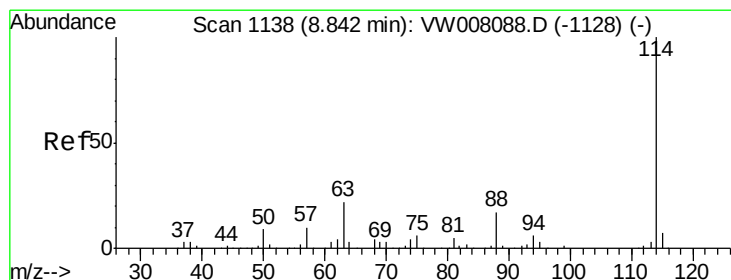
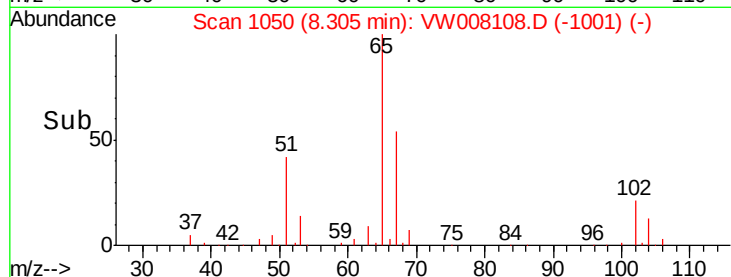
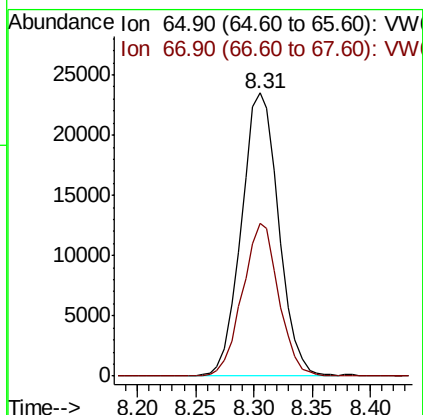
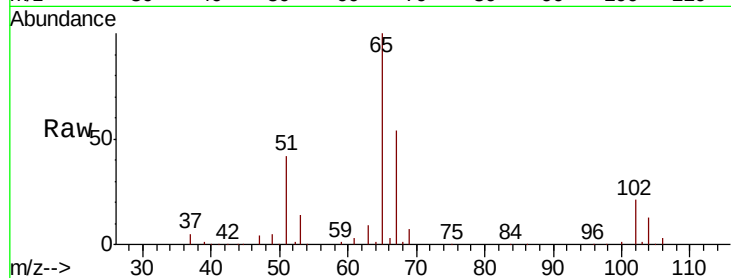




#33
 1,2-Dichloroethane-d4
 Concen: 51.203 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008108.D
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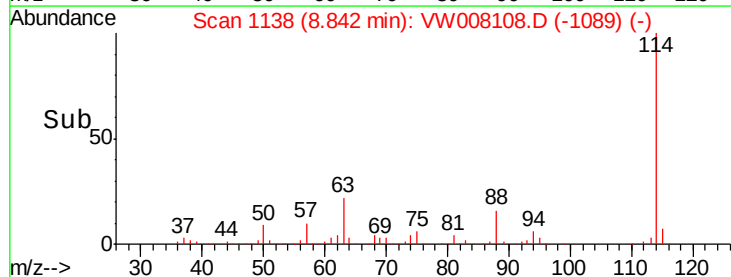
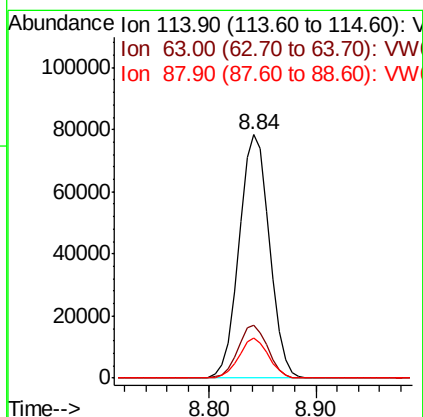
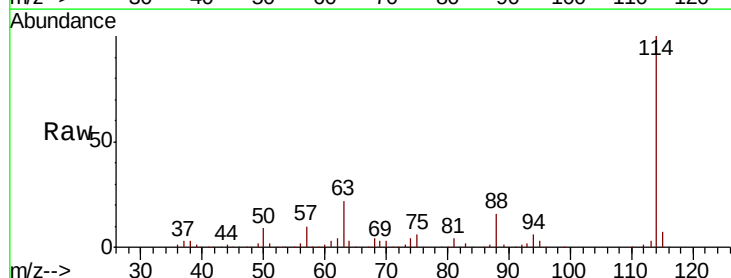
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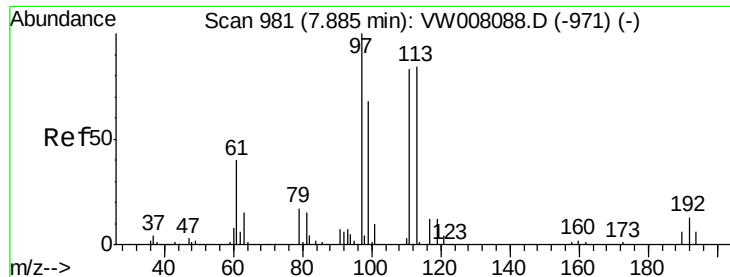
Tgt Ion: 65 Resp: 52434
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008108.D
 Acq: 09 Jan 2019 17:30

Tgt Ion: 114 Resp: 156765
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.4
 88 16.2 0.0 33.4

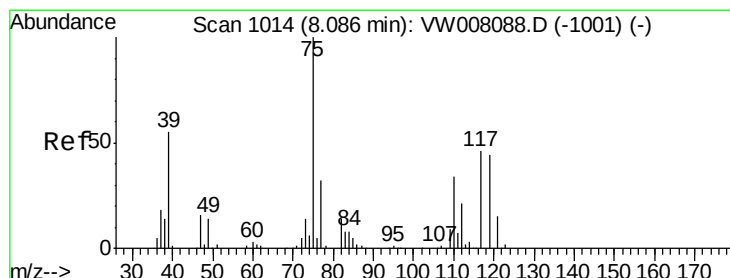
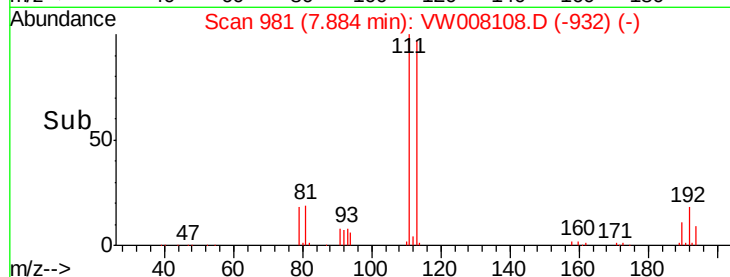
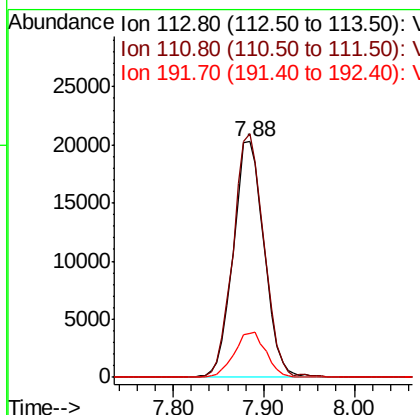
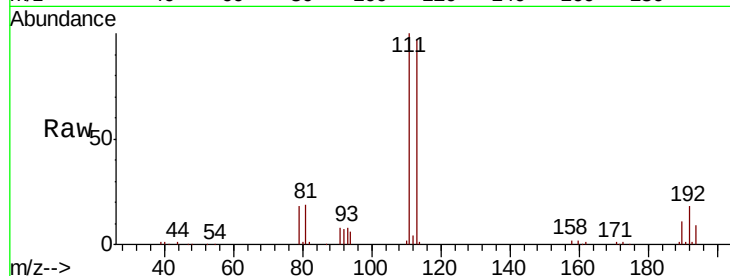




#35
 Dibromofluoromethane
 Concen: 52.518 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008108.D
 Acq: 09 Jan 2019 17:30

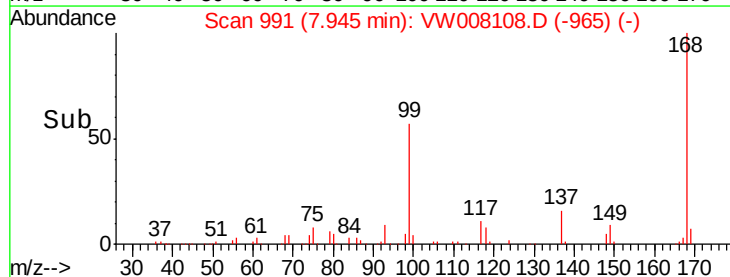
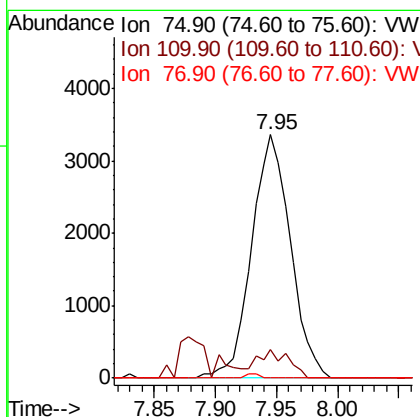
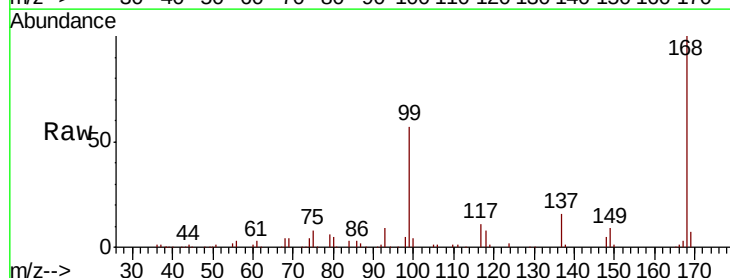
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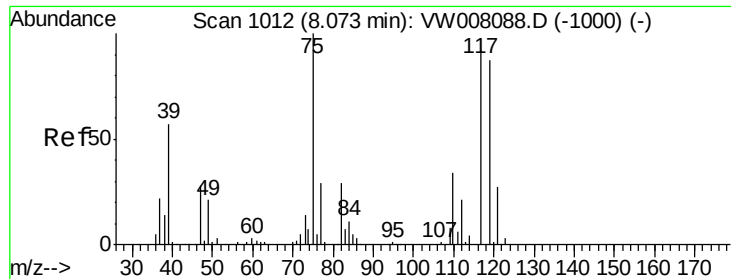
Tgt Ion: 113 Resp: 48018
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 19.4 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 4.597 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008108.D
 Acq: 09 Jan 2019 17:30

Tgt Ion: 75 Resp: 7423
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.1 51.3#
 77 0.6 25.5 38.3#

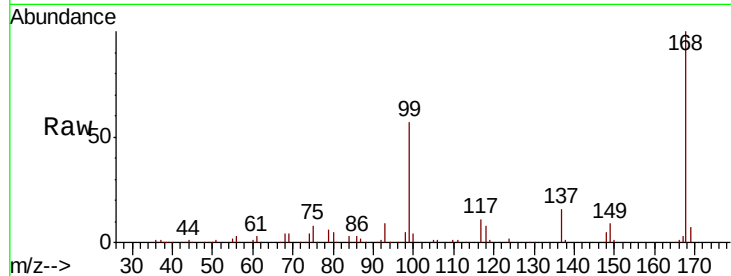




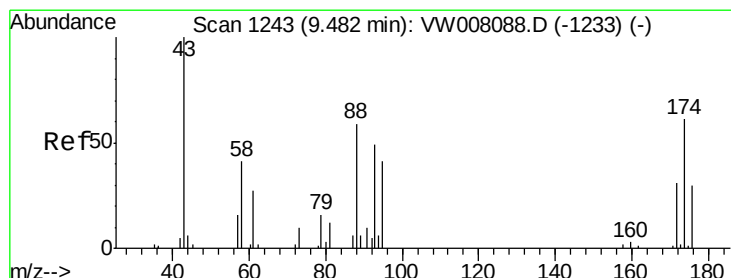
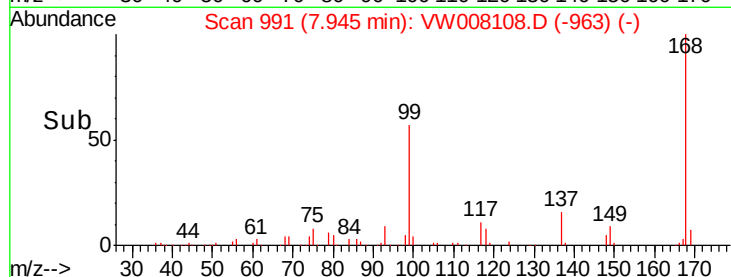
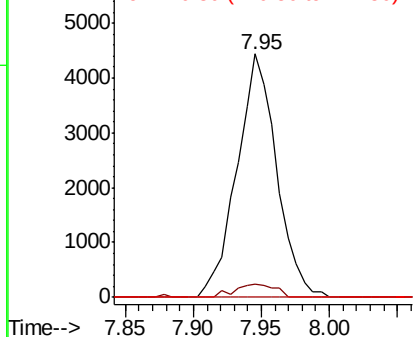
#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Instrument :
MSVOA_W
ClientSampleId :
W12-3

Tgt Ion: 117 Resp: 9039
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 23.7 35.5#

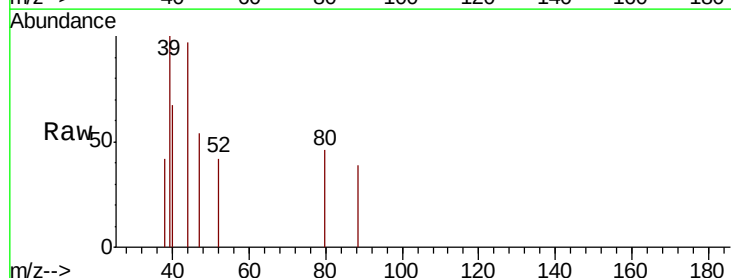


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

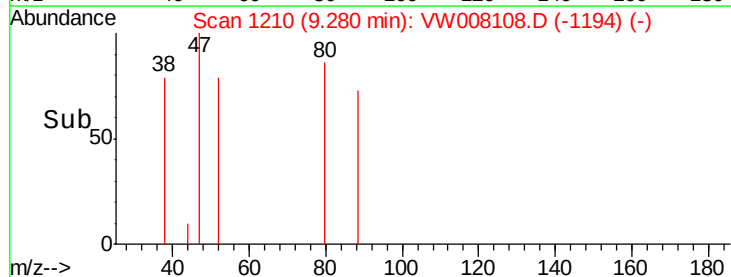
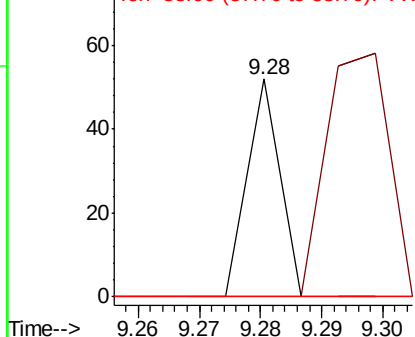


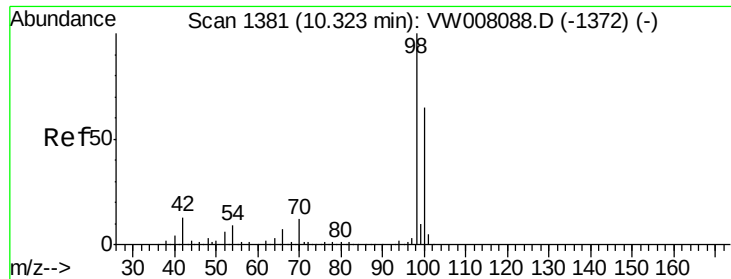
#49
1,4-Dioxane
Concen: 2.215 ug/l
RT: 9.28 min Scan# 1210
Delta R.T. -0.20 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 215.8 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: 51.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

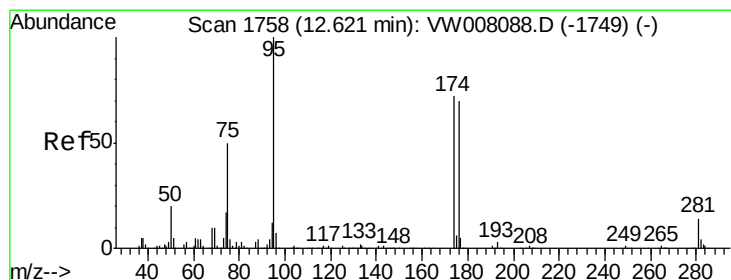
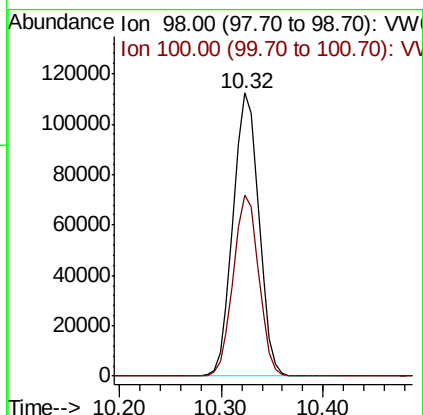
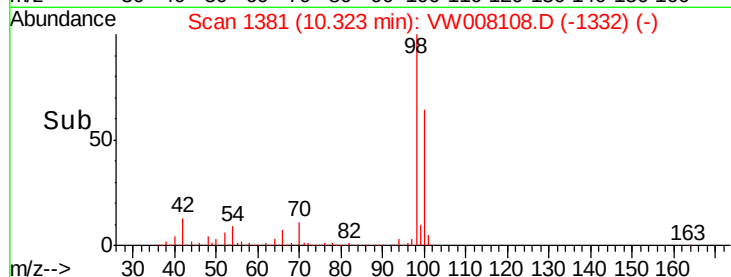
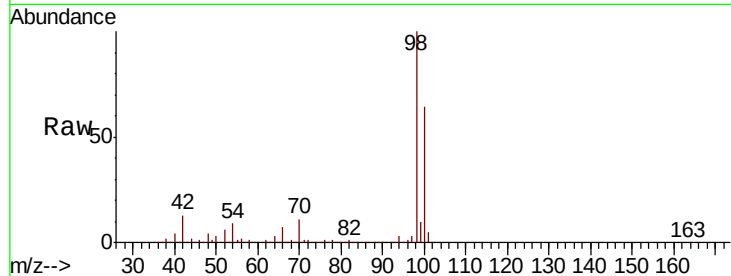
W12-3

Tgt Ion: 98 Resp: 195980

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.374 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

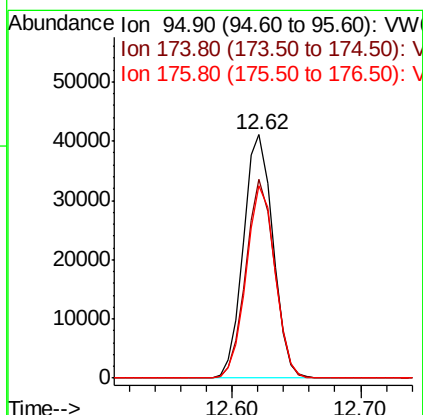
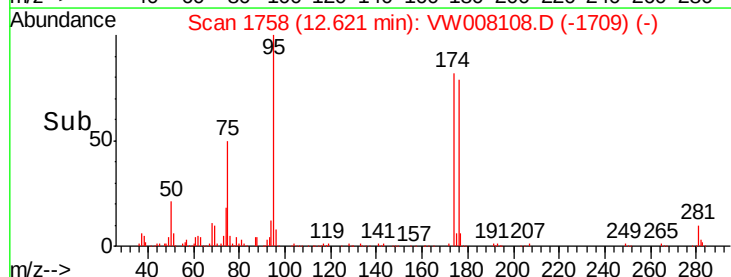
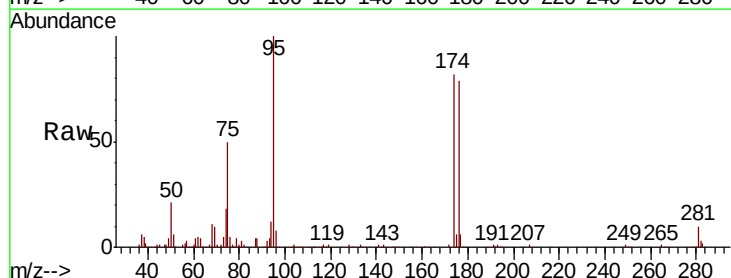
Tgt Ion: 95 Resp: 65162

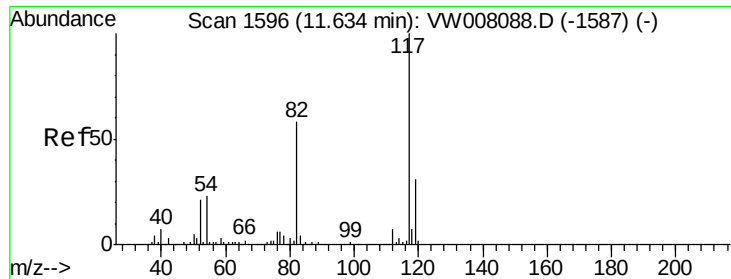
Ion Ratio Lower Upper

95 100

174 78.9 0.0 143.0

176 77.0 0.0 140.2

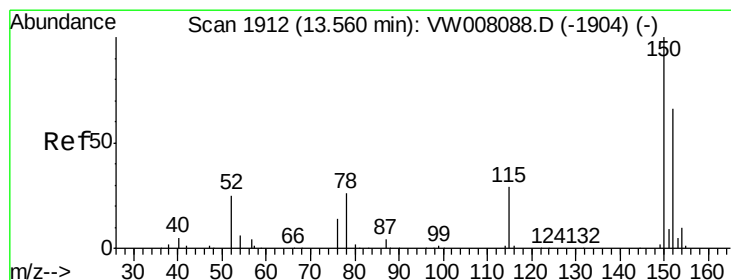
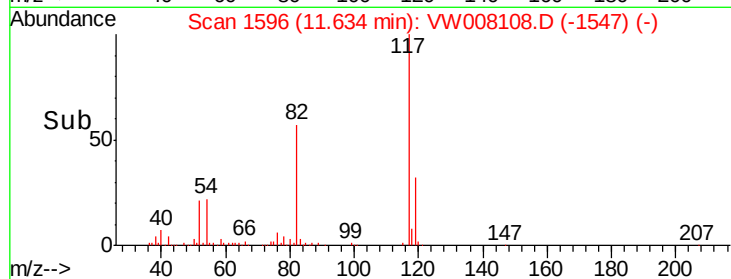
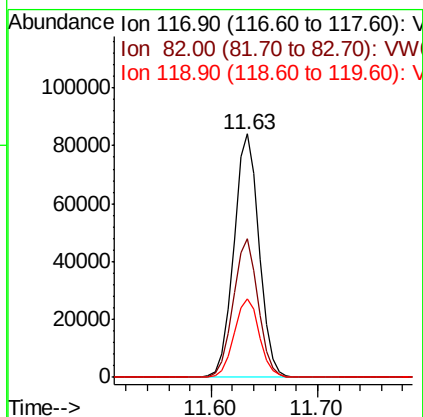
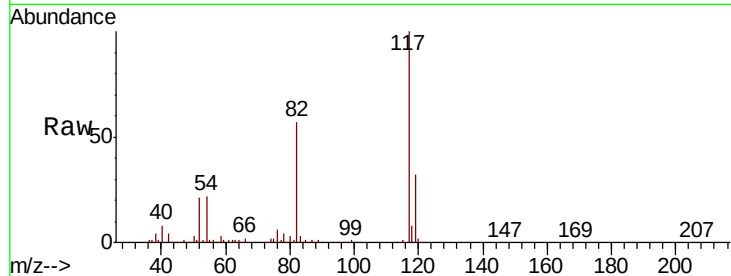




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

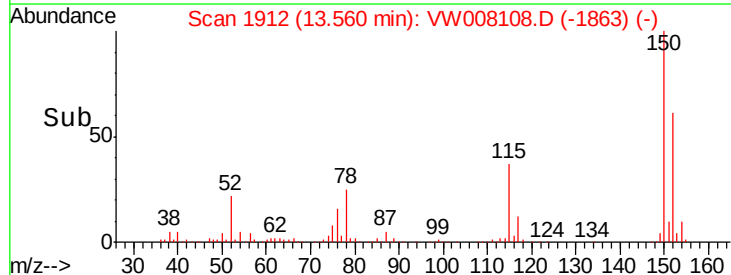
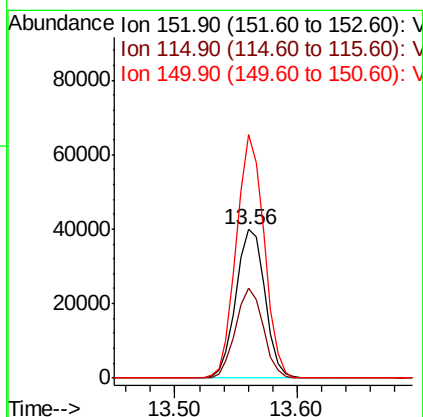
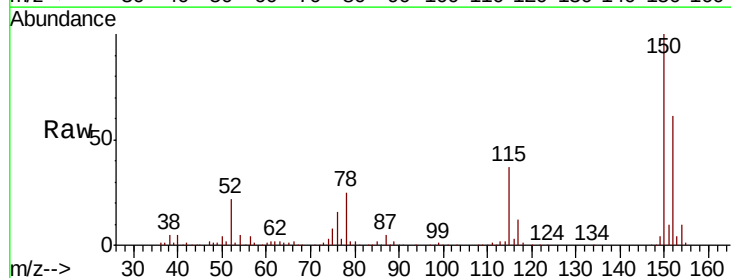
Instrument :
MSVOA_W
ClientSampled :
W12-3

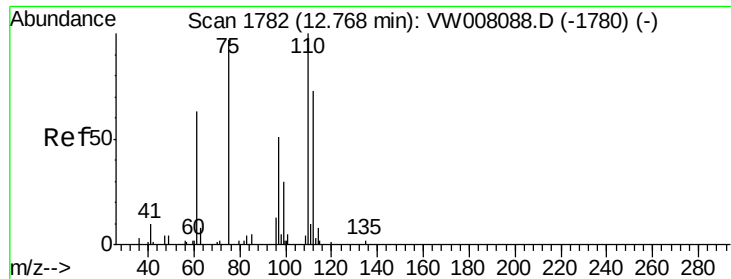
Tgt Ion:117 Resp: 139325
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008108.D
Acq: 09 Jan 2019 17:30

Tgt Ion:152 Resp: 65465
Ion Ratio Lower Upper
152 100
115 57.7 30.8 92.4
150 156.8 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 55.628 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

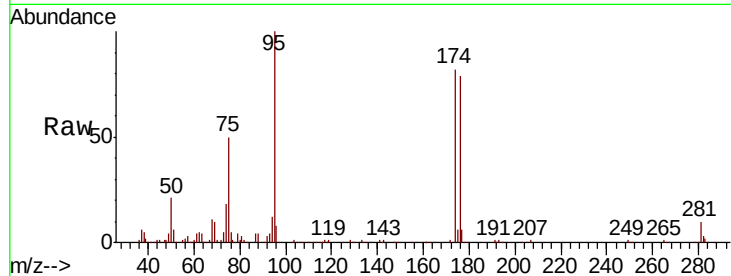
W12-3

Tgt Ion: 75 Resp: 33198

Ion Ratio Lower Upper

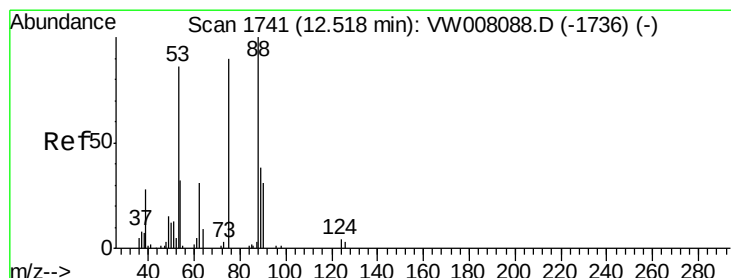
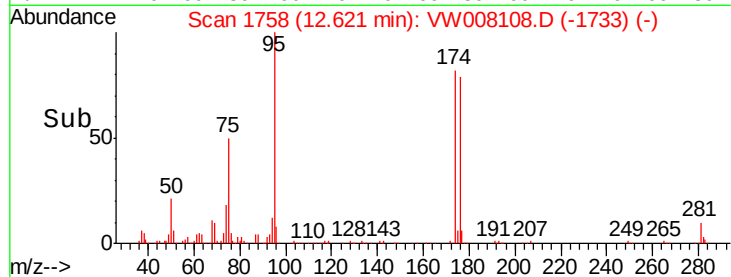
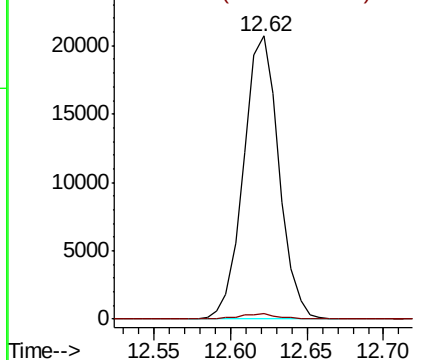
75 100

77 1.8 179.4 538.2#



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: 129.541 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008108.D

Acq: 09 Jan 2019 17:30

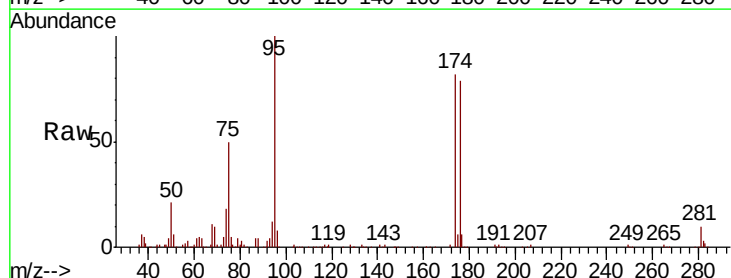
Tgt Ion: 75 Resp: 33198

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 35.4 53.2#



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

