

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008228.D
 Acq On : 12 Jan 2019 08:28
 Operator : SY/VA
 Sample : K1122-02
 Misc : 5.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2I(16-16.5)

Quant Time: Jan 14 10:38:07 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

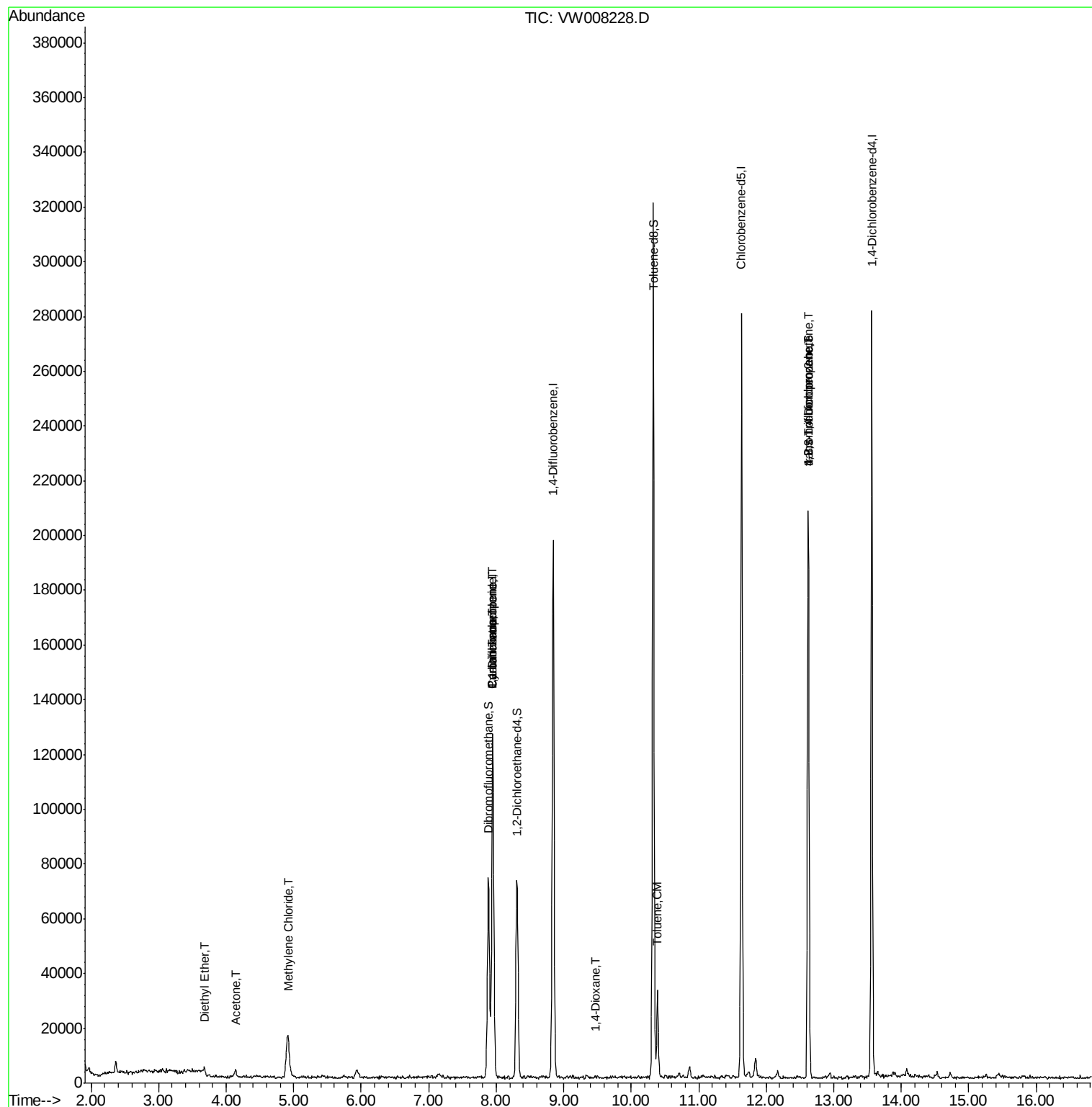
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53827	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	51407	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.32	98	210448	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	68393	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	784	1.353	ug/l	96
11) Tert butyl alcohol	5.24	59	136	Below Cal	#	100
13) Acrolein	3.88	56	102	Below Cal	#	16
16) Acetone	4.14	43	4175	1.640	ug/l #	86
20) Methylene Chloride	4.91	84	11423	7.199	ug/l	93
31) Cyclohexane	7.95	56	2251	1.043	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	7492	4.371	ug/l #	51
38) Carbon Tetrachloride	7.95	117	9722	6.198	ug/l #	16
49) 1,4-Dioxane	9.46	88	22	2.417	ug/l #	11
52) Toluene	10.39	92	13629	4.591	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	34889	55.938	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	34889	130.261	ug/l #	11

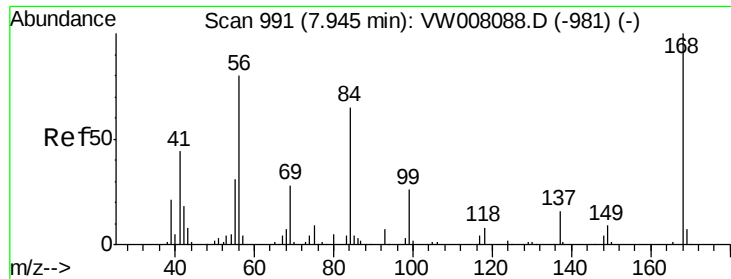
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
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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# 991

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

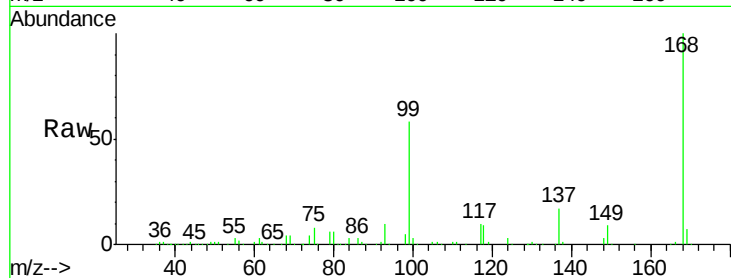
SB-2I(16-16.5)

Tgt Ion:168 Resp: 91235

Ion Ratio Lower Upper

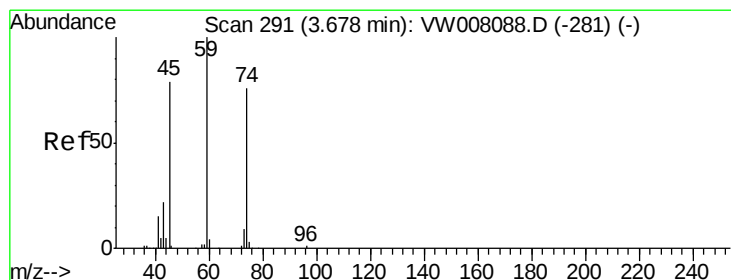
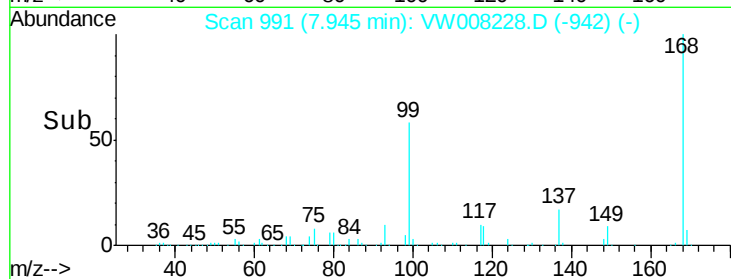
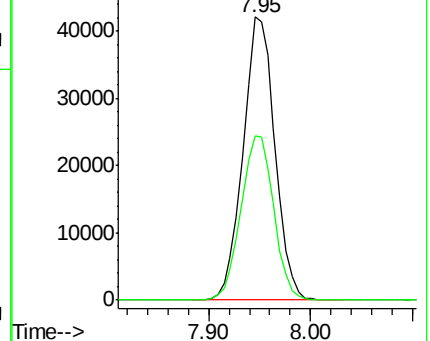
168 100

99 58.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.353 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008228.D

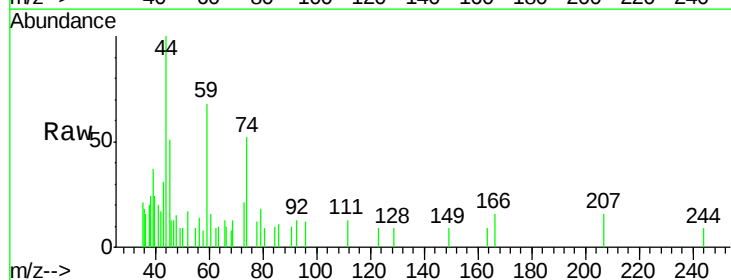
Acq: 12 Jan 2019 08:28

Tgt Ion: 74 Resp: 784

Ion Ratio Lower Upper

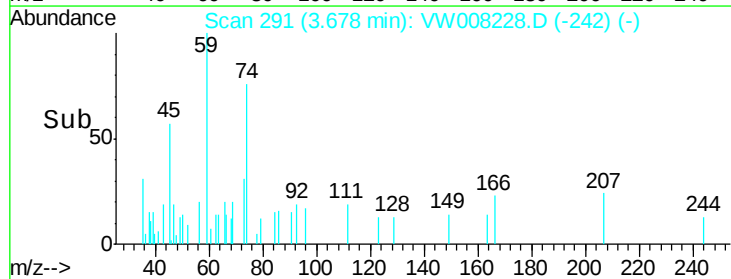
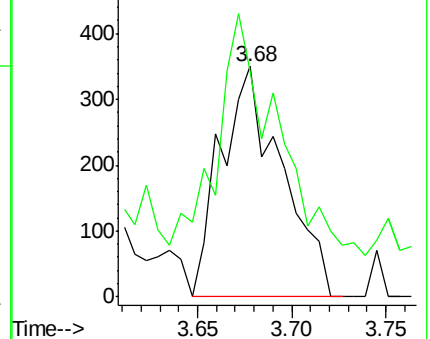
74 100

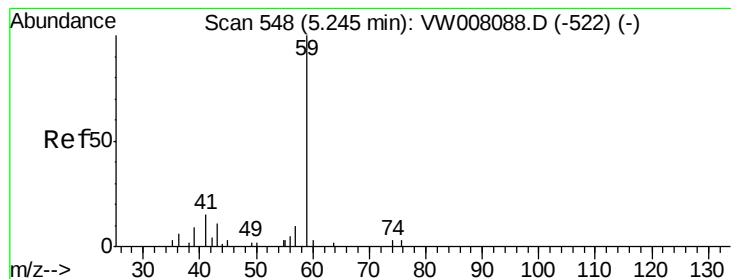
45 109.3 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



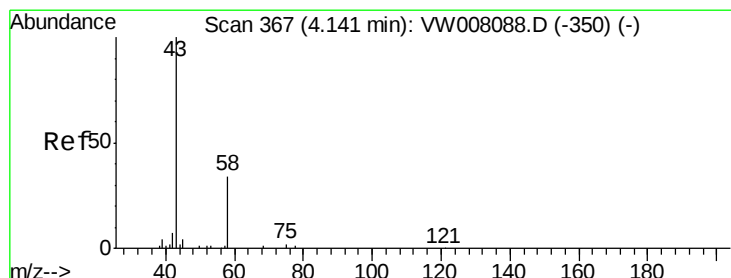
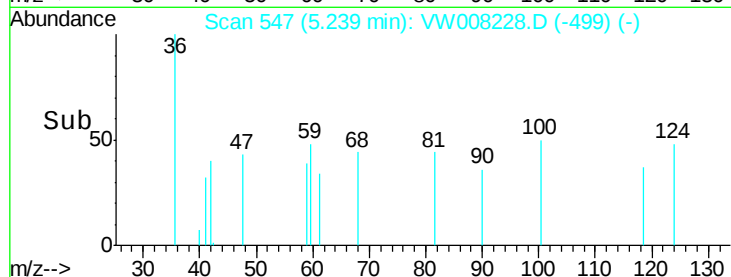
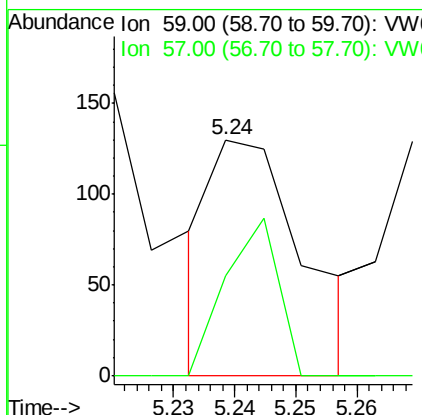
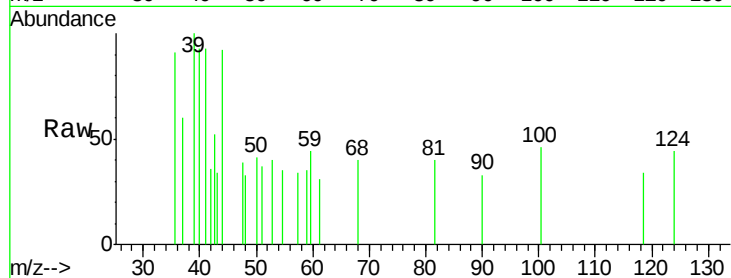


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2I(16-16.5)

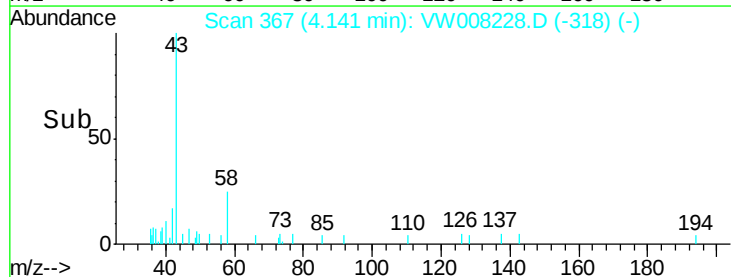
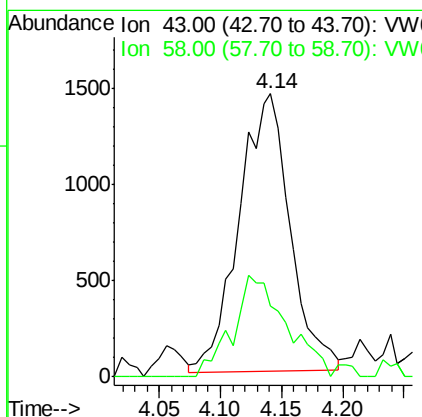
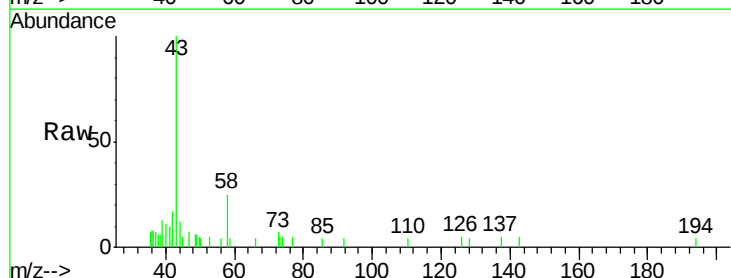
Tgt Ion: 59 Resp: 136
 Ion Ratio Lower Upper
 59 100
 57 38.2 0.0 0.0#

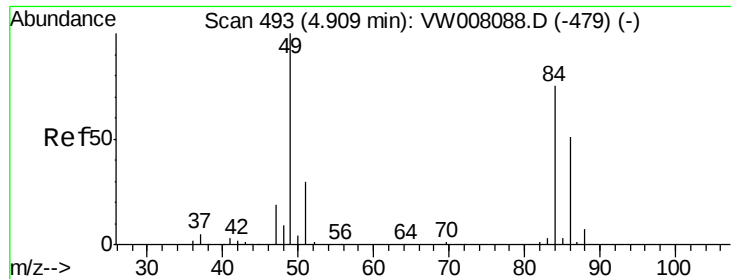


#16

Acetone
 Concen: 1.640 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

Tgt Ion: 43 Resp: 4175
 Ion Ratio Lower Upper
 43 100
 58 26.3 27.5 41.3#

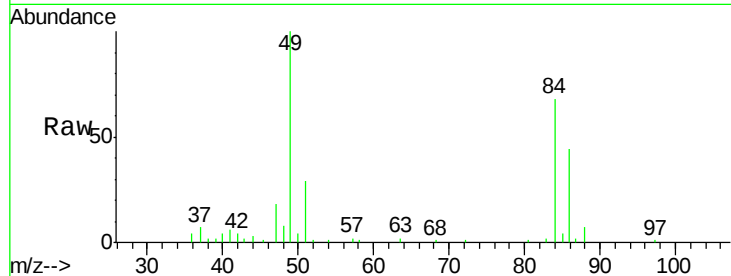




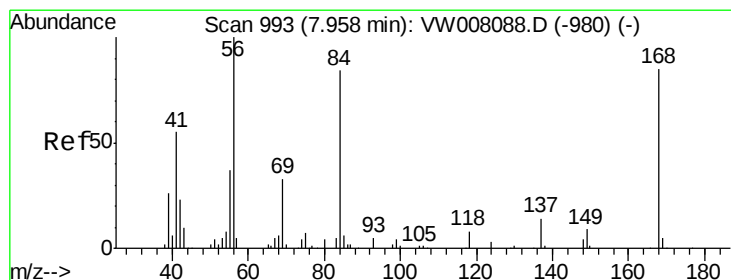
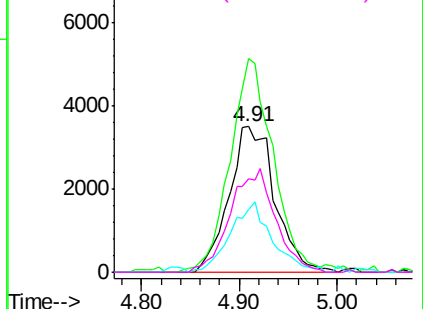
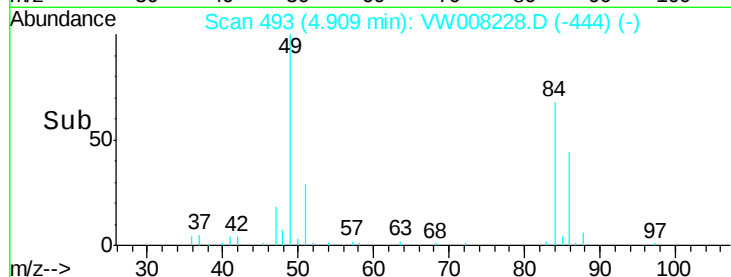
#20
Methylene Chloride
Concen: 7.199 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Instrument :
MSVOA_W
ClientSampleId :
SB-2I(16-16.5)

Tgt Ion: 84 Resp: 11423
Ion Ratio Lower Upper
84 100
49 144.0 107.1 160.7
51 42.8 32.4 48.6
86 64.2 54.2 81.4

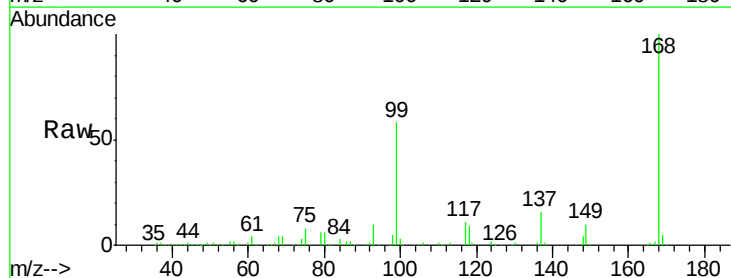


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

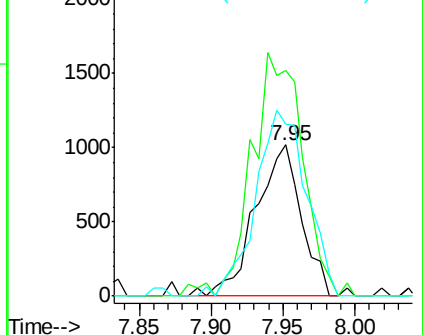
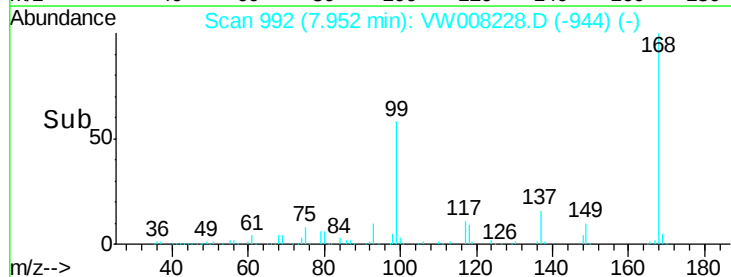


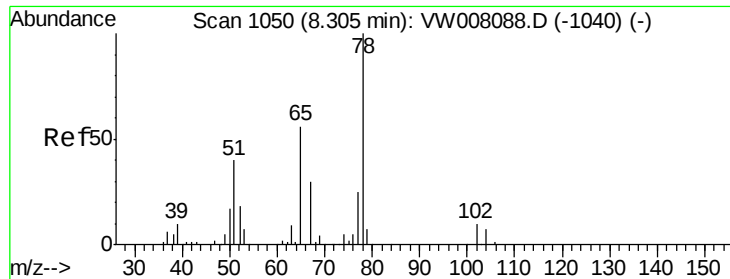
#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 142.5 26.2 39.4#
84 113.5 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

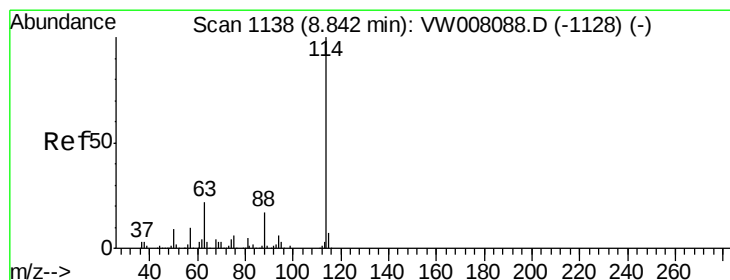
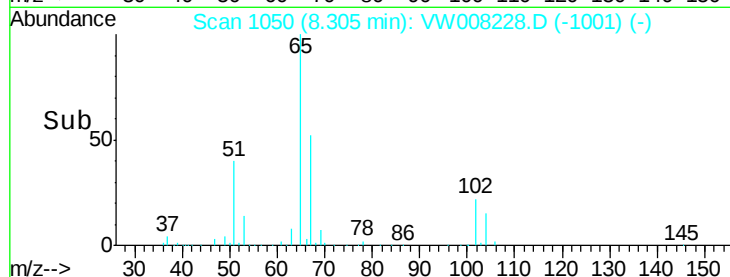
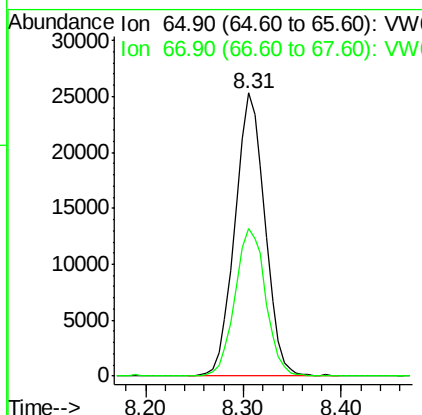
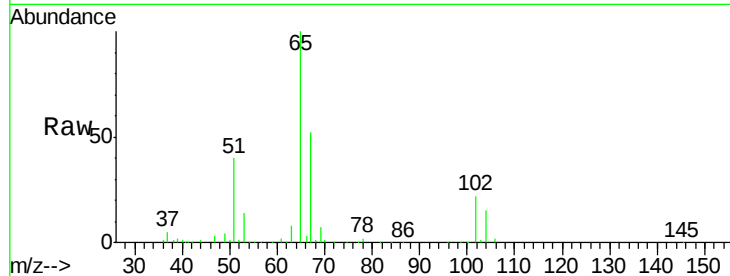




#33
 1,2-Dichloroethane-d4
 Concen: 52.494 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

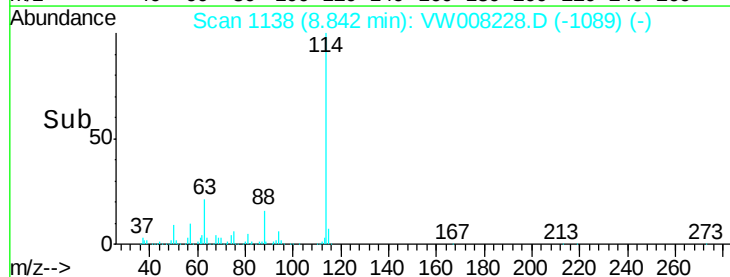
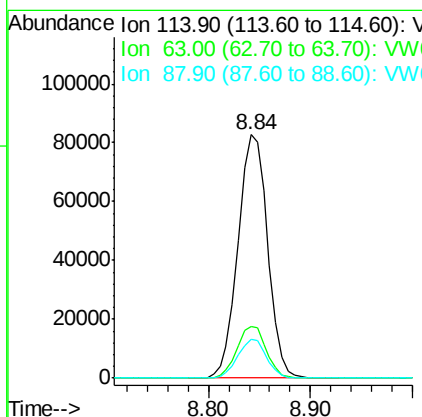
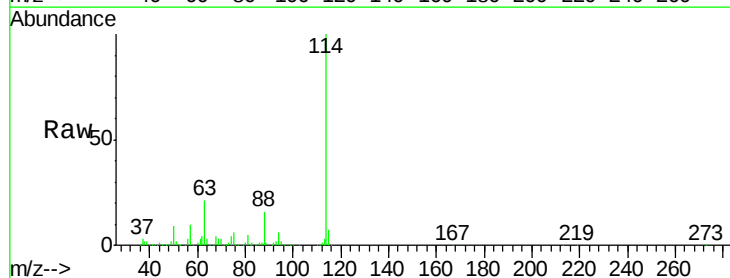
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2I(16-16.5)

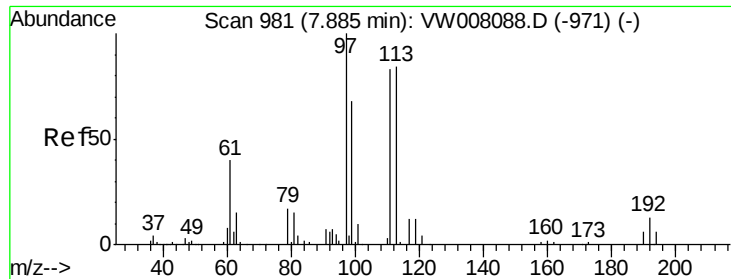
Tgt Ion: 65 Resp: 53827
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

Tgt Ion: 114 Resp: 166380
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.4
 88 16.1 0.0 33.4

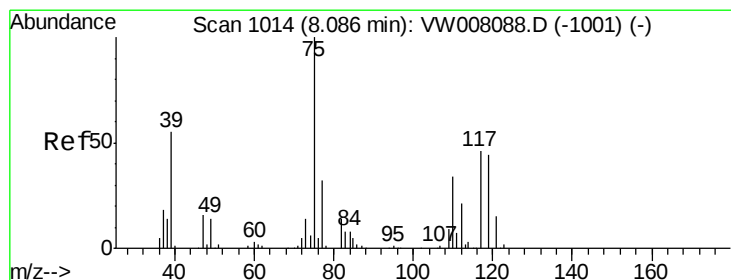
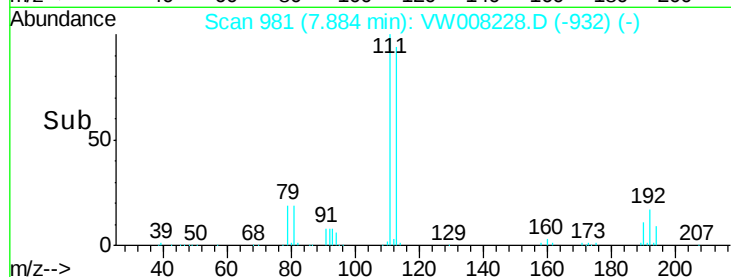
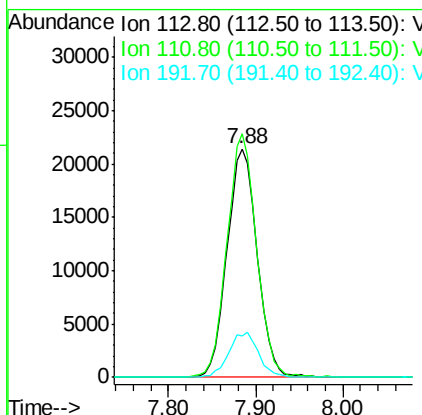
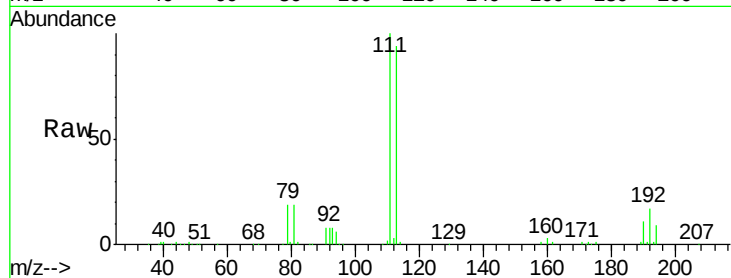




#35
 Dibromofluoromethane
 Concen: 52.976 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

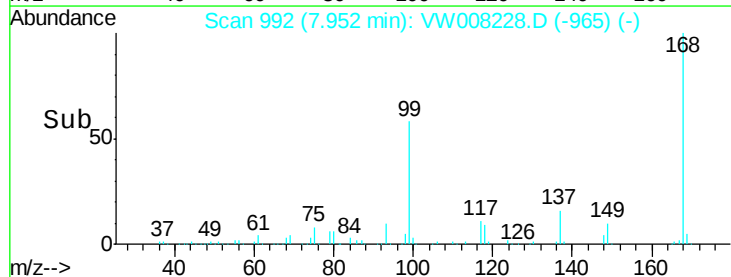
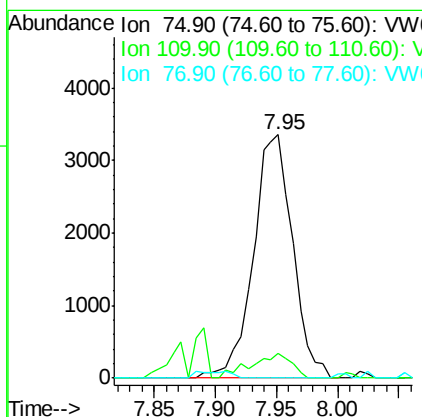
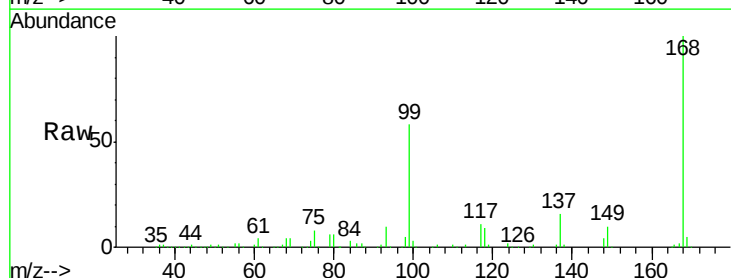
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2I(16-16.5)

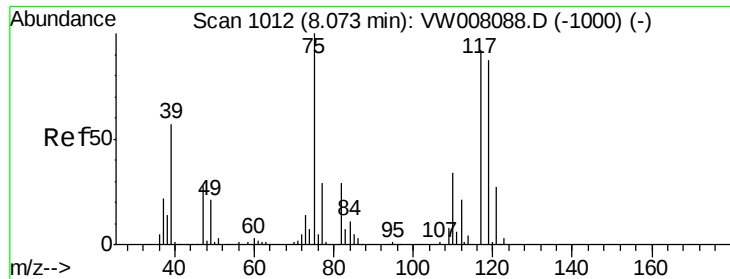
Tgt Ion:113 Resp: 51407
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.8 122.8
 192 19.3 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 4.371 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008228.D
 Acq: 12 Jan 2019 08:28

Tgt Ion: 75 Resp: 7492
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.1 51.3#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.198 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

SB-2I(16-16.5)

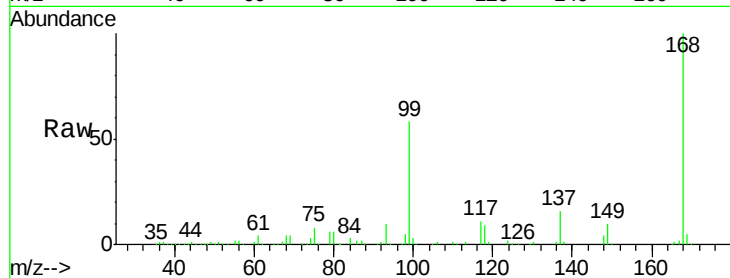
Tgt Ion:117 Resp: 9722

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

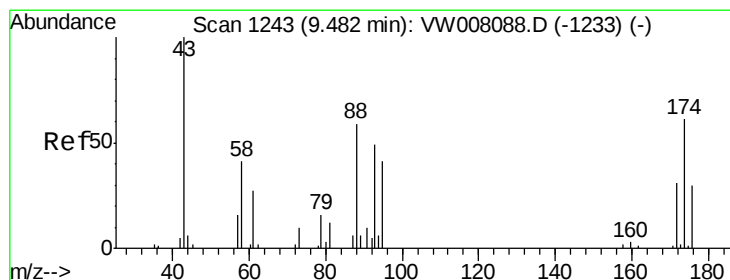
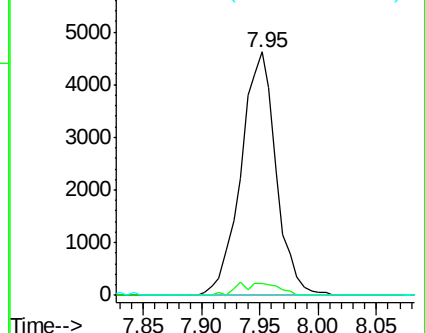
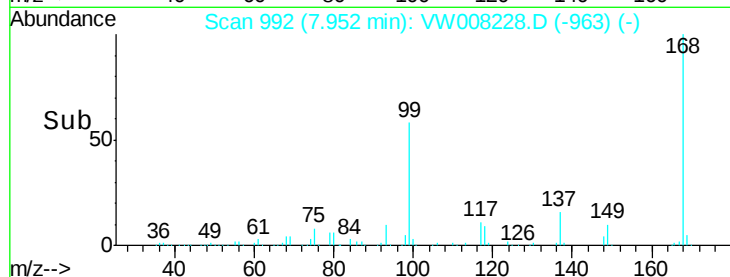
121 0.0 23.7 35.5#



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: 2.417 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

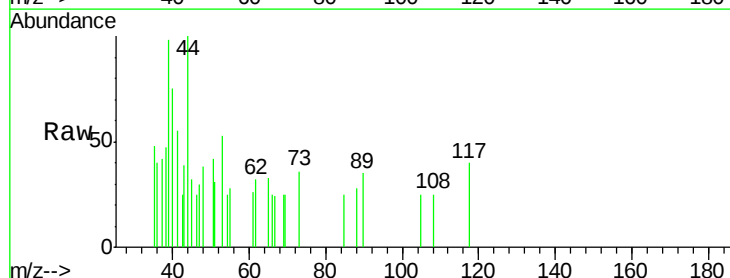
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 231.8 0.0 0.0#

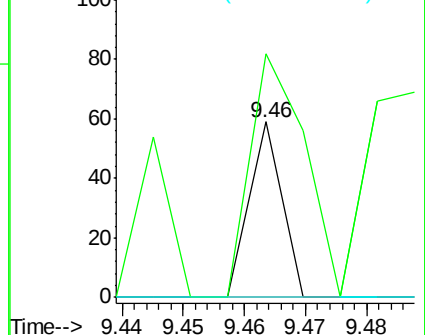
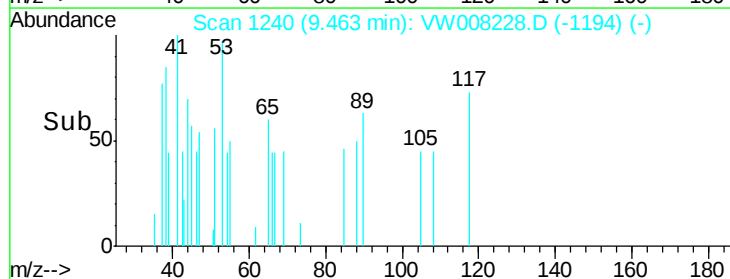
58 0.0 61.7 92.5#

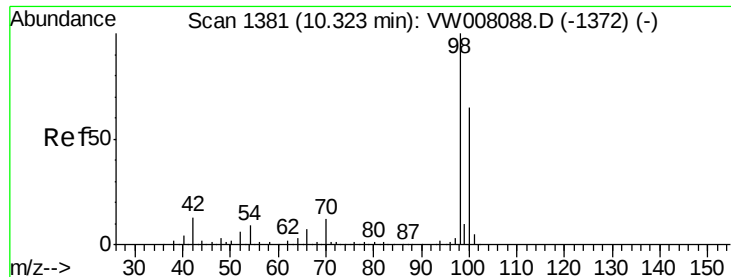


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

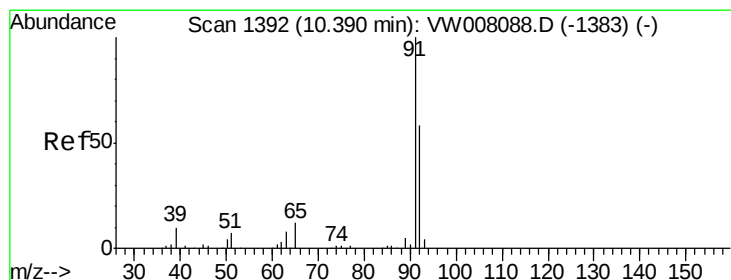
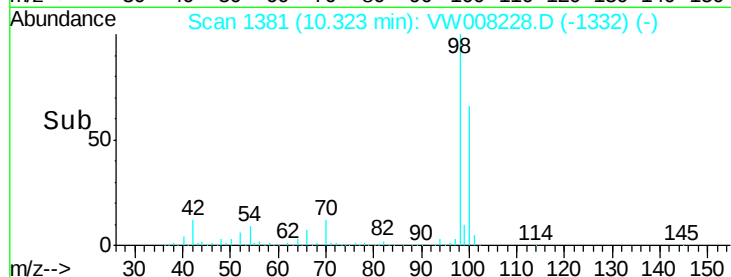
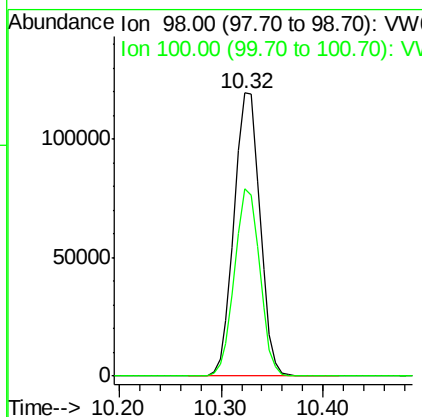
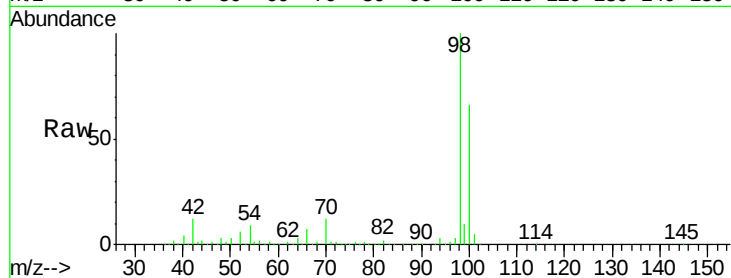




#50
Toluene-d8
Concen: 51.680 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

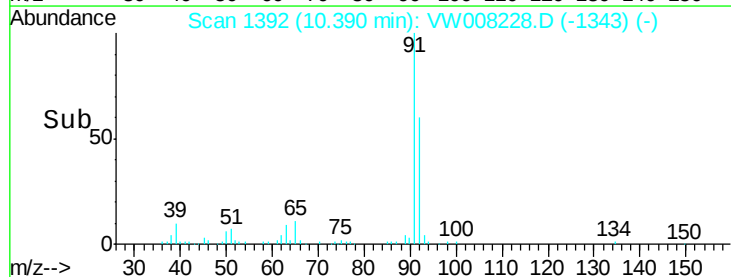
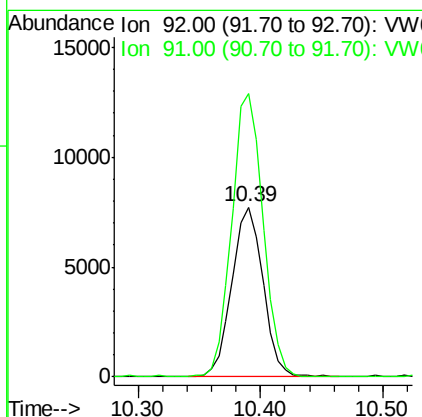
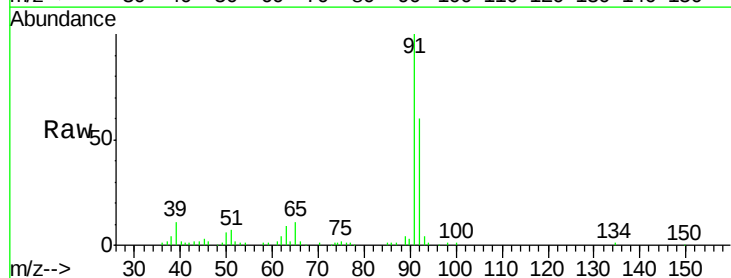
Instrument :
MSVOA_W
ClientSampleId :
SB-2I(16-16.5)

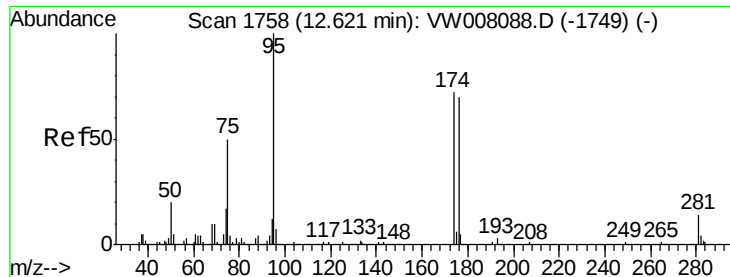
Tgt Ion: 98 Resp: 210448
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 4.591 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Tgt Ion: 92 Resp: 13629
Ion Ratio Lower Upper
92 100
91 166.9 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 46.849 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

SB-2I(16-16.5)

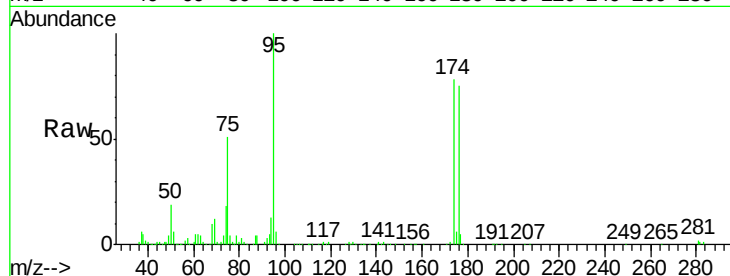
Tgt Ion: 95 Resp: 68393

Ion Ratio Lower Upper

95 100

174 76.6 0.0 143.0

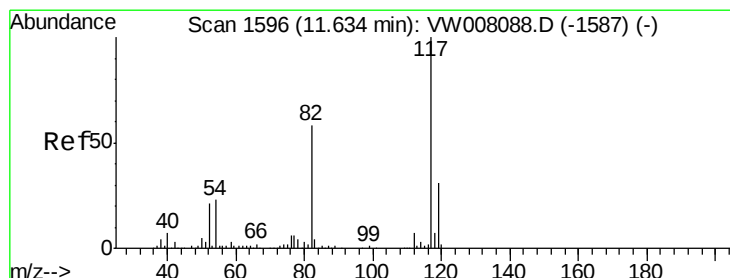
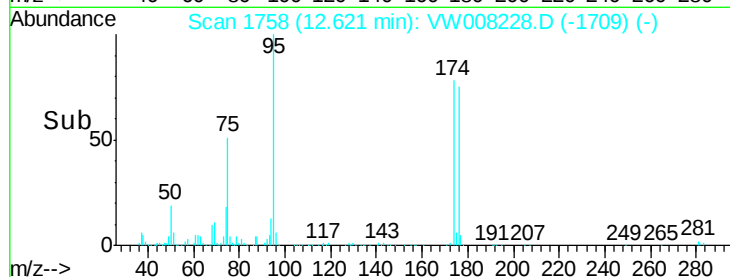
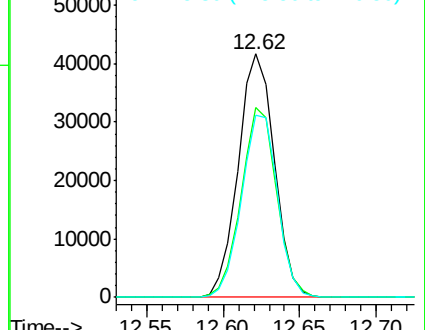
176 74.6 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

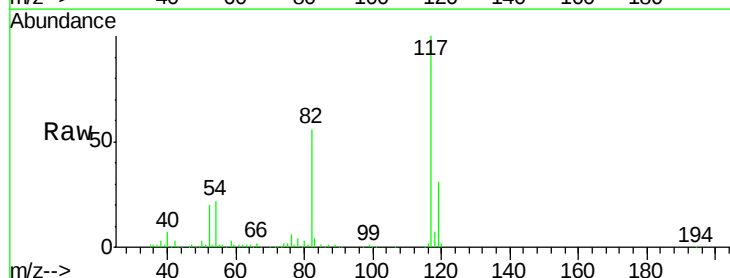
Tgt Ion: 117 Resp: 150277

Ion Ratio Lower Upper

117 100

82 55.6 46.4 69.6

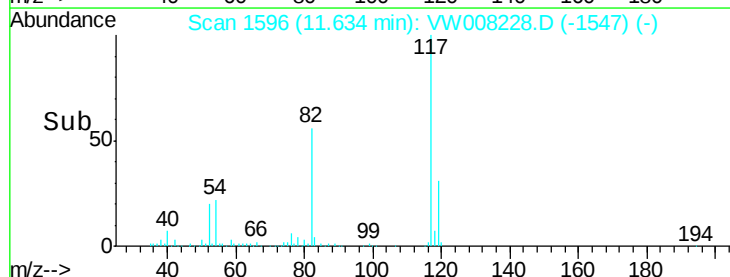
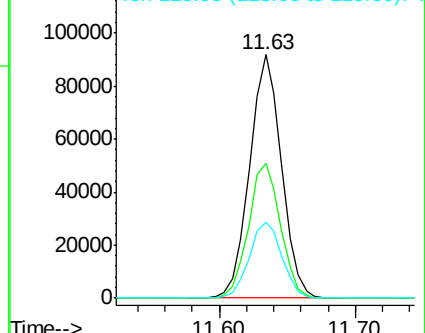
119 31.0 24.7 37.1

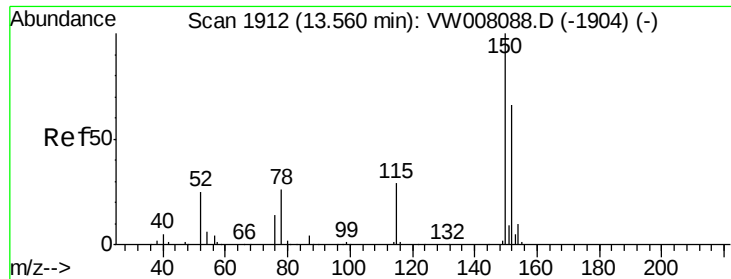


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

SB-2I(16-16.5)

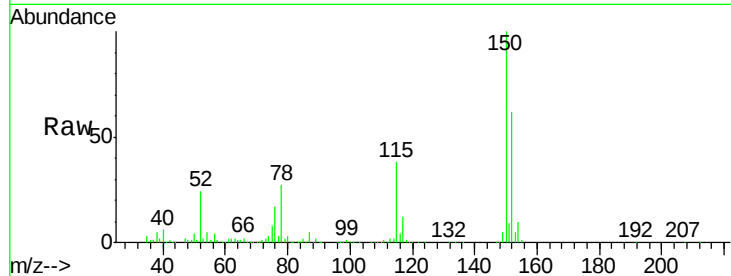
Tgt Ion:152 Resp: 68419

Ion Ratio Lower Upper

152 100

115 61.0 30.8 92.4

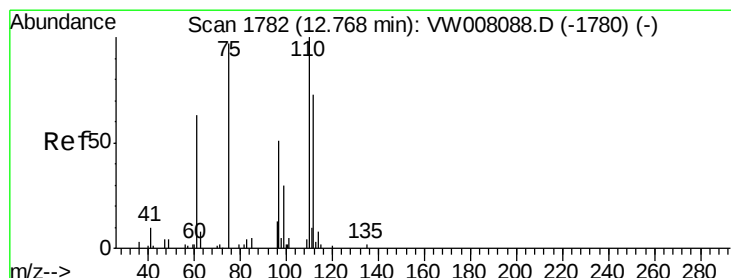
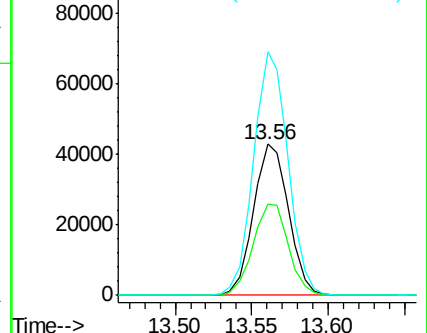
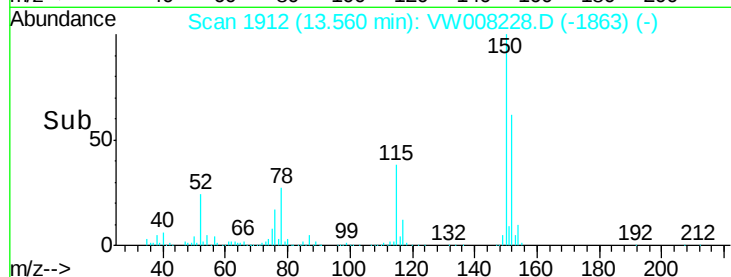
150 158.1 0.0 350.2



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: 55.938 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008228.D

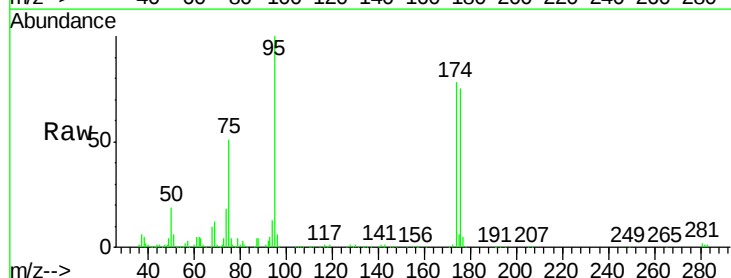
Acq: 12 Jan 2019 08:28

Tgt Ion: 75 Resp: 34889

Ion Ratio Lower Upper

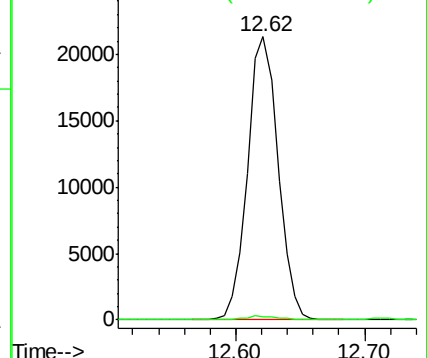
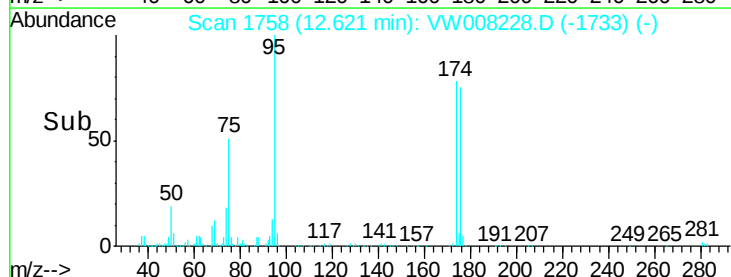
75 100

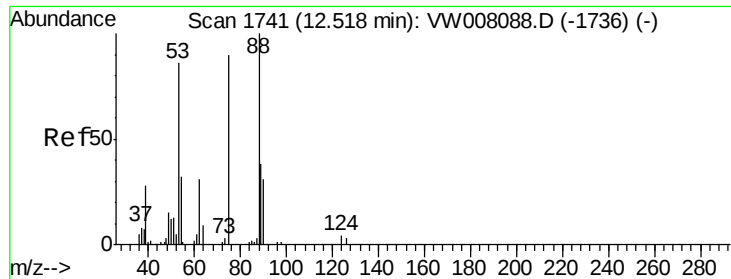
77 1.5 179.4 538.2#



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: 130.261 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008228.D

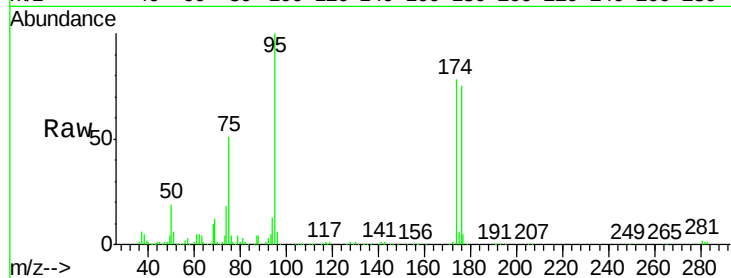
Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

SB-2I(16-16.5)



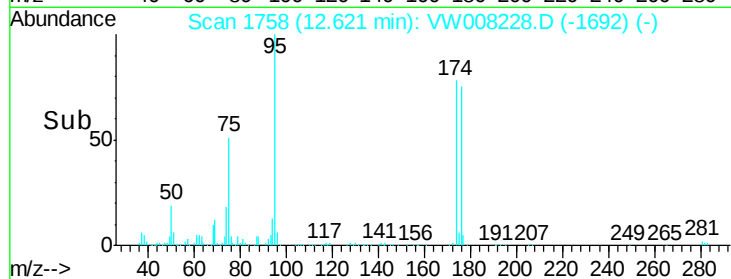
Tgt Ion: 75 Resp: 34889

Ion Ratio Lower Upper

75 100

53 0.4 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

