

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008230.D
 Acq On : 12 Jan 2019 09:21
 Operator : SY/VA
 Sample : K1122-04
 Misc : 5.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(16-16.5)

Quant Time: Jan 14 10:42:49 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

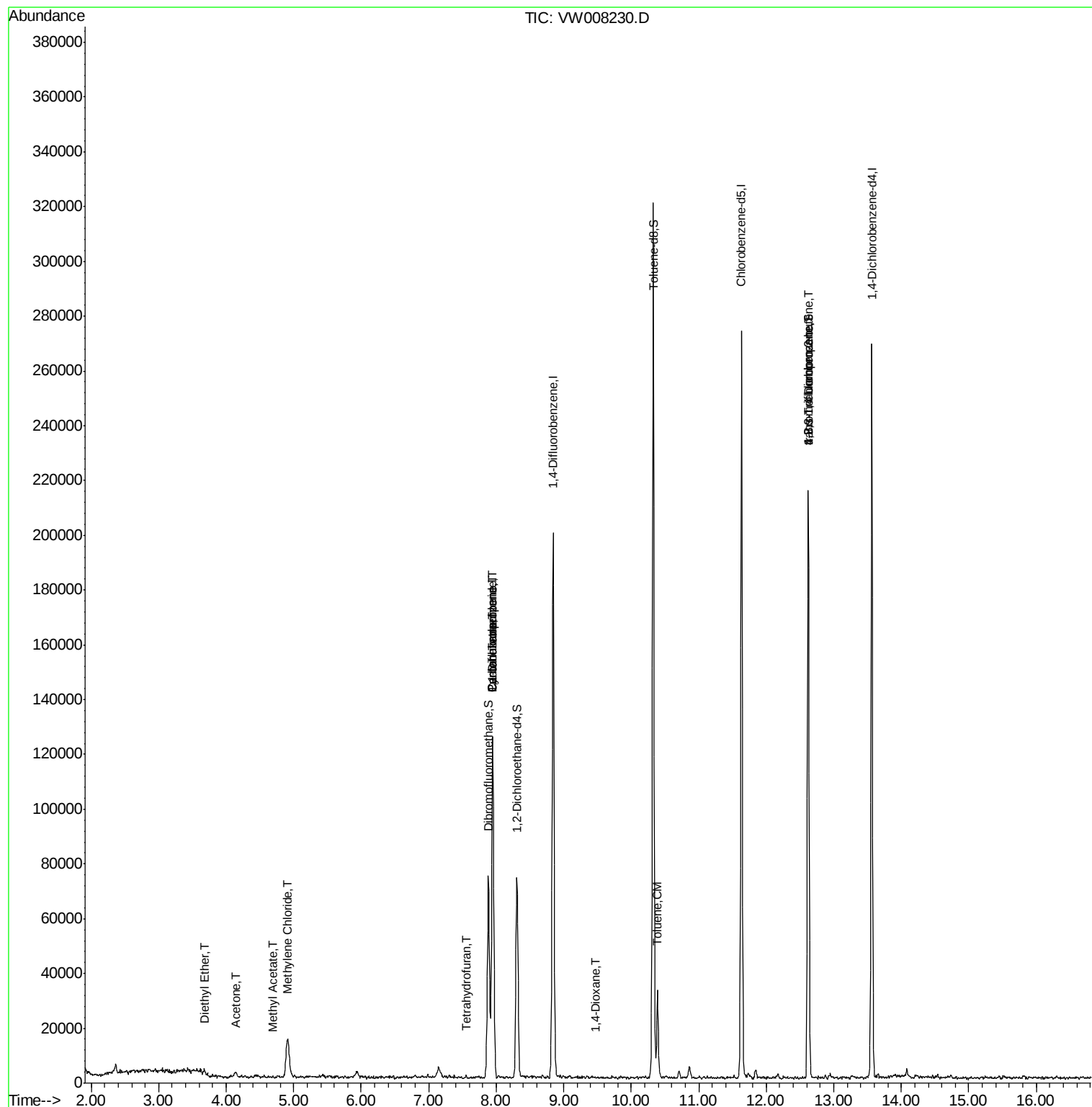
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54242	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	7.88	113	51374	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.32	98	206410	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	69206	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	1382	2.432	ug/l	80
11) Tert butyl alcohol	5.28	59	157	Below Cal	#	100
13) Acrolein	3.90	56	72	Below Cal	#	1
16) Acetone	4.14	43	4026	1.223	ug/l	90
18) Methyl Acetate	4.68	43	802	1.262	ug/l #	60
20) Methylene Chloride	4.91	84	11130	7.116	ug/l	92
29) Tetrahydrofuran	7.55	42	281	1.503	ug/l #	58
31) Cyclohexane	7.95	56	2400	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7582	4.485	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9139	5.906	ug/l #	18
49) 1,4-Dioxane	9.48	88	21	2.339	ug/l #	1
52) Toluene	10.39	92	12705	4.339	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	35029	57.702	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	35029	134.370	ug/l #	11

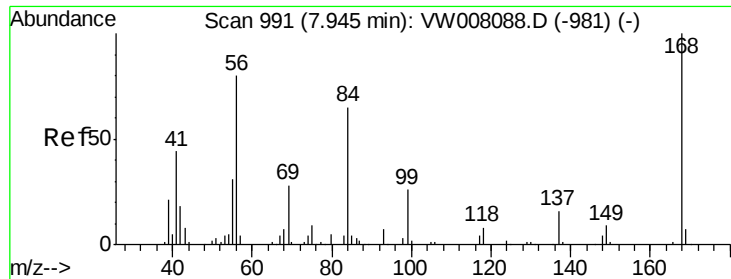
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
Data File : VW008230.D
Acq On : 12 Jan 2019 09:21
Operator : SY/VA
Sample : K1122-04
Misc : 5.69G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

Quant Time: Jan 14 10:42:49 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

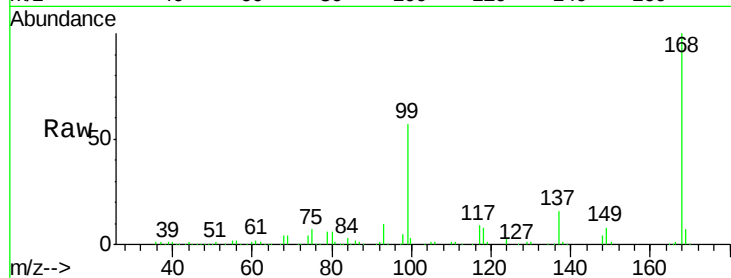
SB-3I(16-16.5)

Tgt Ion:168 Resp: 89489

Ion Ratio Lower Upper

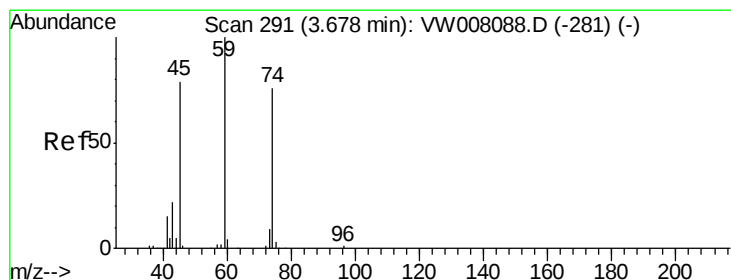
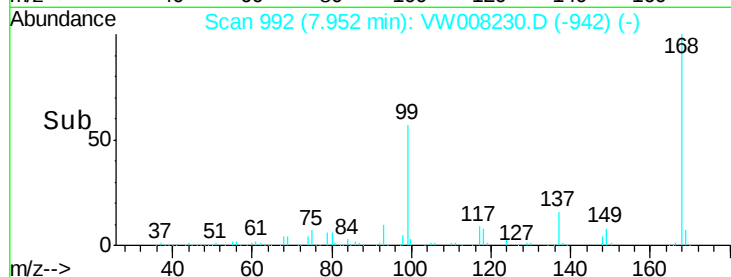
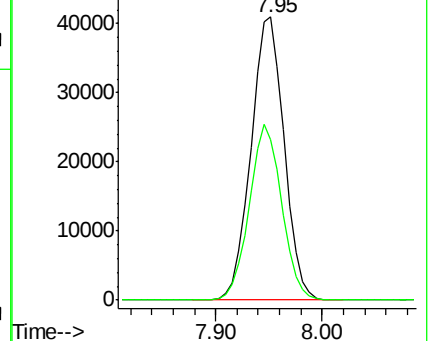
168 100

99 56.6 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: 2.432 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008230.D

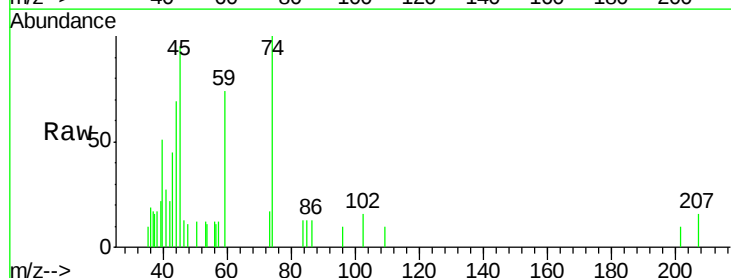
Acq: 12 Jan 2019 09:21

Tgt Ion: 74 Resp: 1382

Ion Ratio Lower Upper

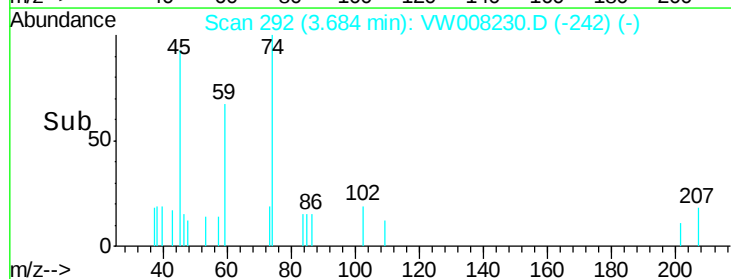
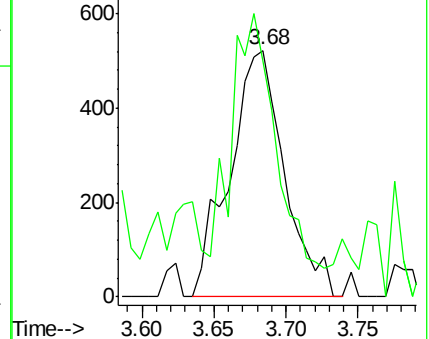
74 100

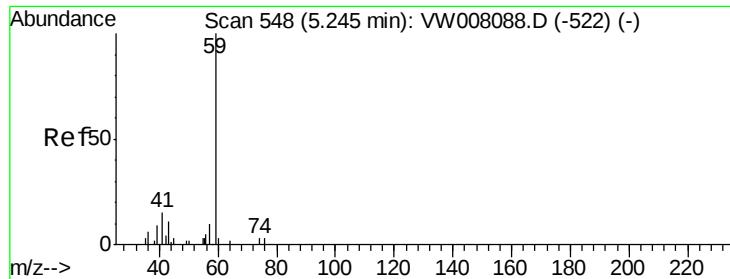
45 84.3 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

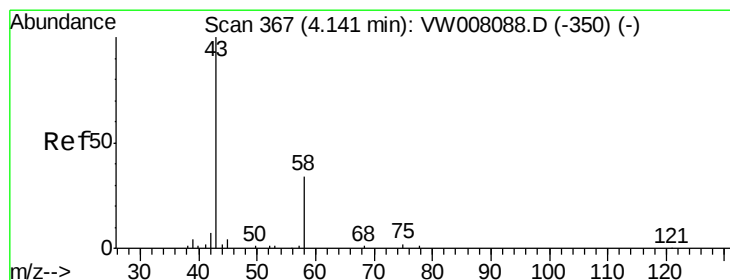
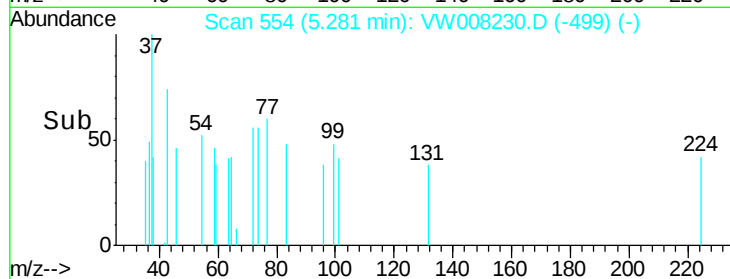
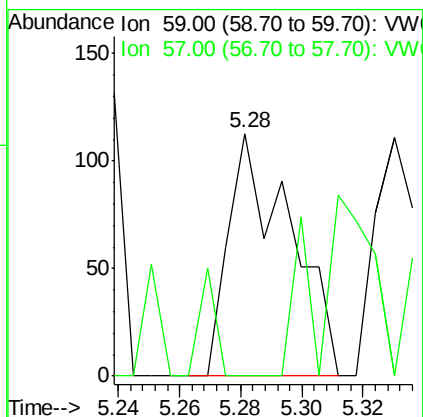
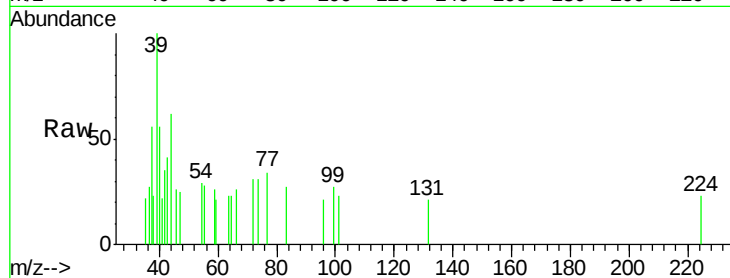




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.28 min Scan# 554
Delta R.T. 0.04 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

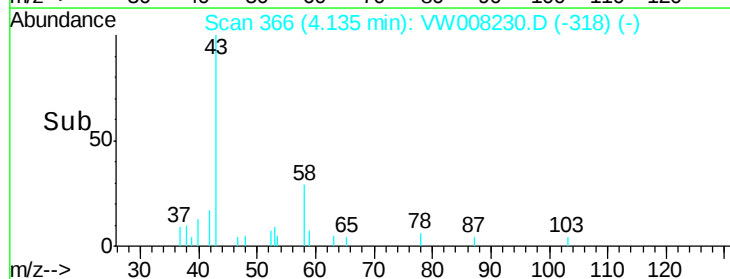
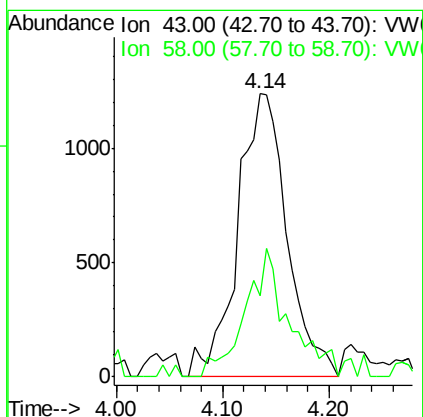
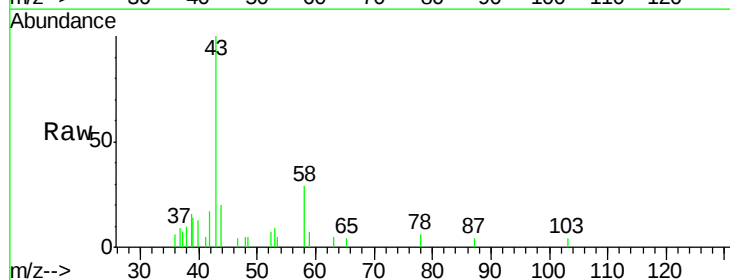
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

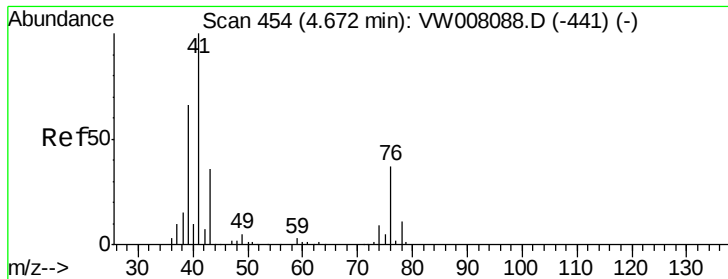
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 11.5 0.0 0.0#



#16
Acetone
Concen: 1.223 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion: 43 Resp: 4026
Ion Ratio Lower Upper
43 100
58 28.5 27.5 41.3

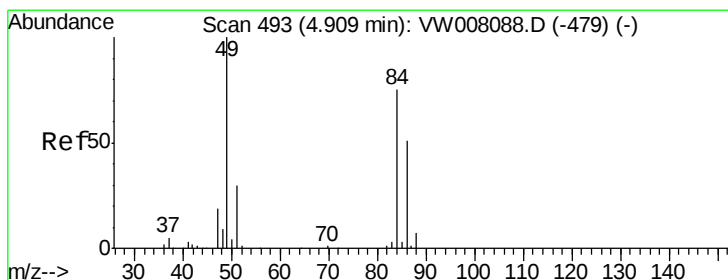
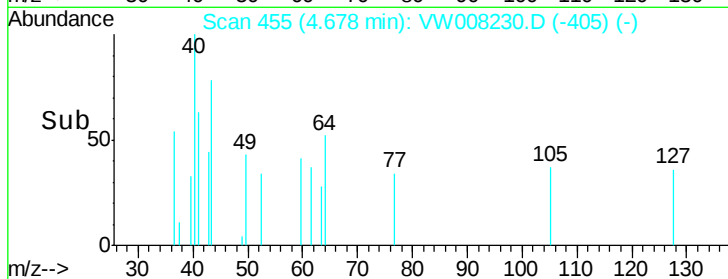
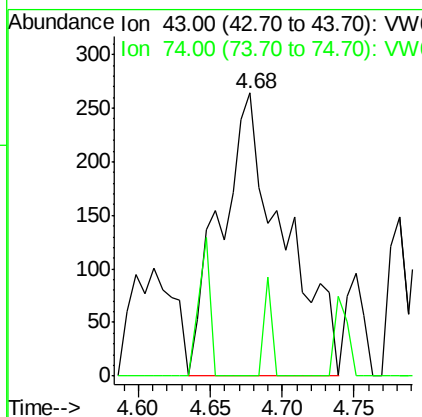
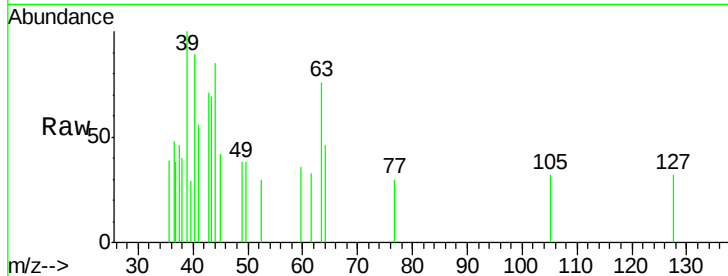




#18
Methyl Acetate
Concen: 1.262 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

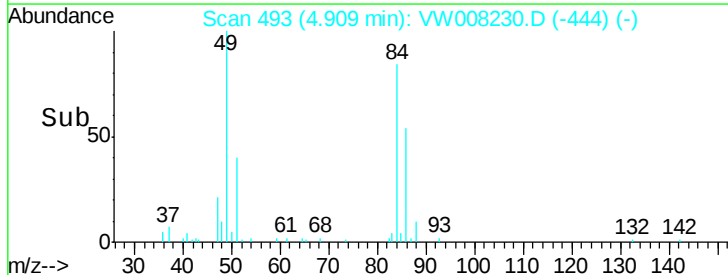
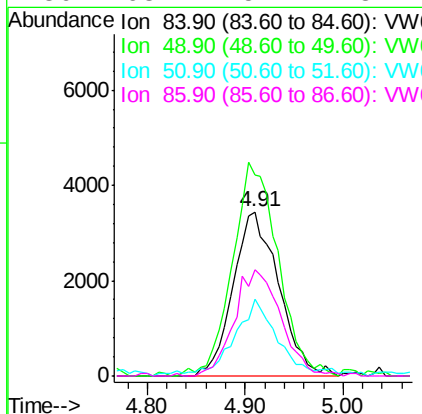
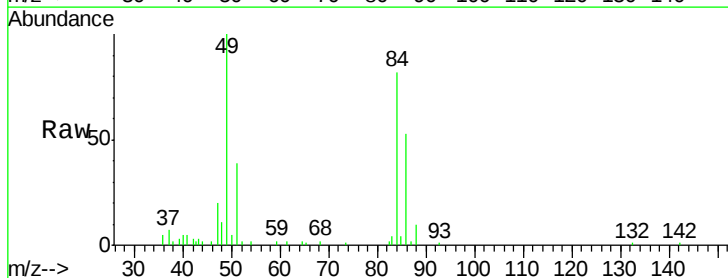
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

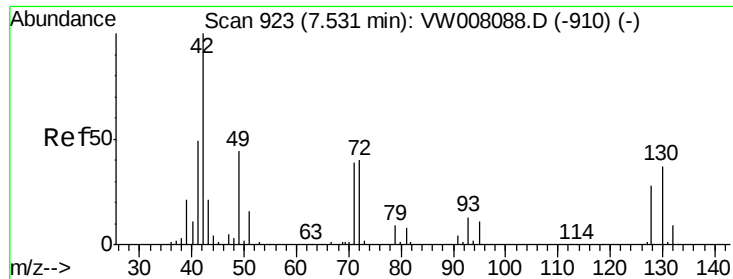
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
74 4.2 19.0 28.4#



#20
Methylene Chloride
Concen: 7.116 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion: 84 Resp: 11130
Ion Ratio Lower Upper
84 100
49 122.5 107.1 160.7
51 45.5 32.4 48.6
86 63.2 54.2 81.4

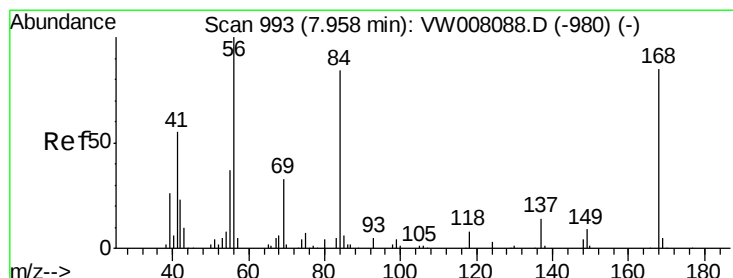
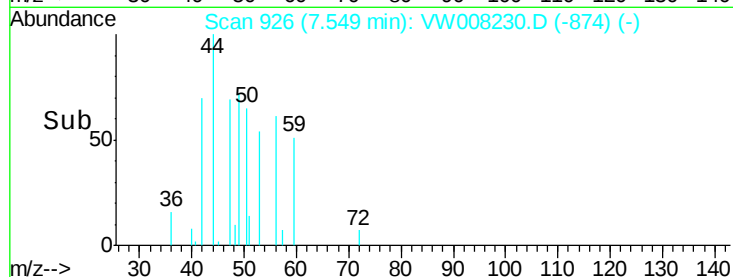
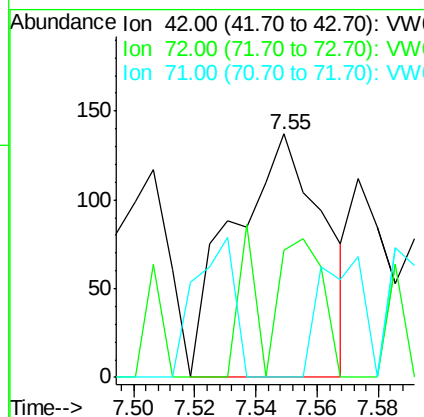
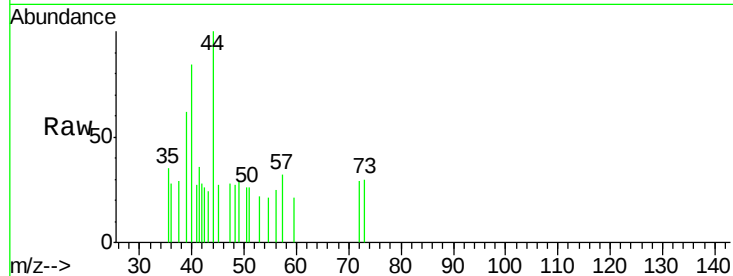




#29
Tetrahydrofuran
Concen: 1.503 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

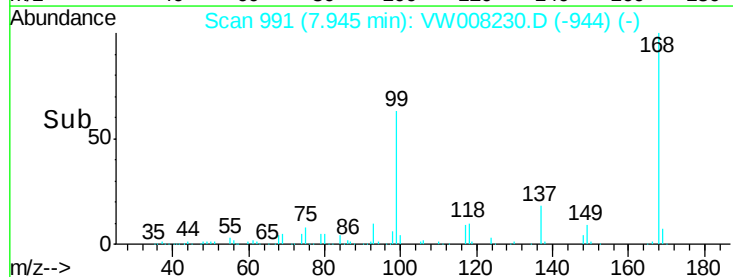
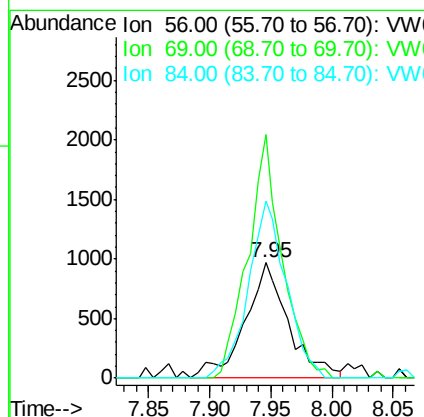
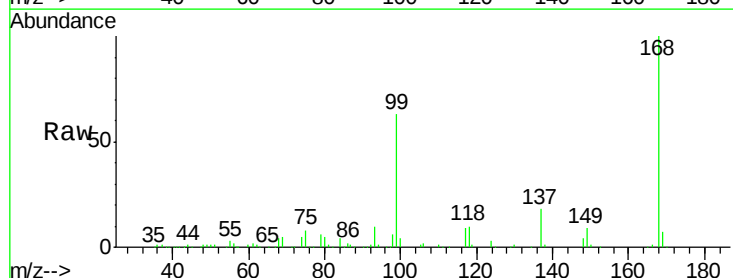
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

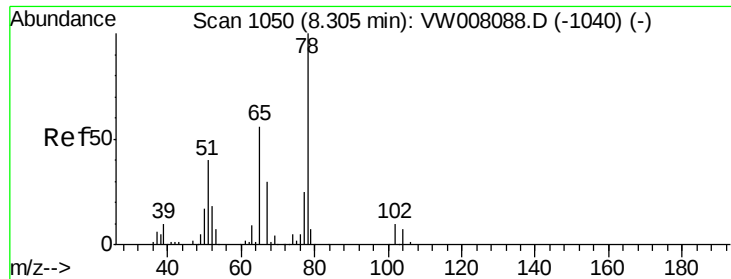
Tgt Ion: 42 Resp: 281
Ion Ratio Lower Upper
42 100
72 27.8 32.4 48.6#
71 0.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion: 56 Resp: 2400
Ion Ratio Lower Upper
56 100
69 211.6 26.2 39.4#
84 154.1 67.4 101.2#

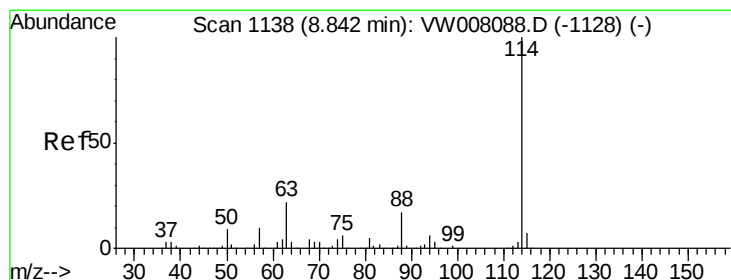
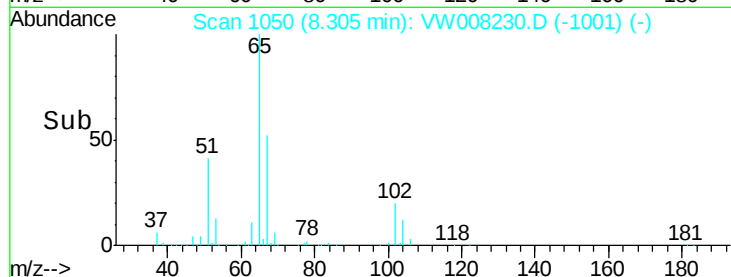
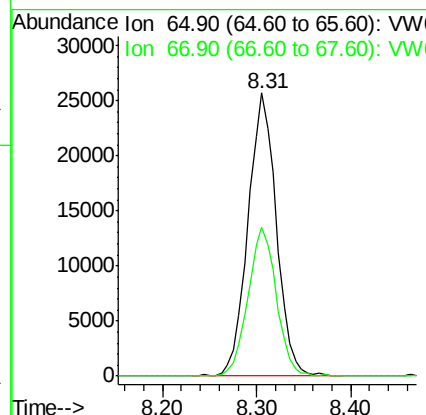
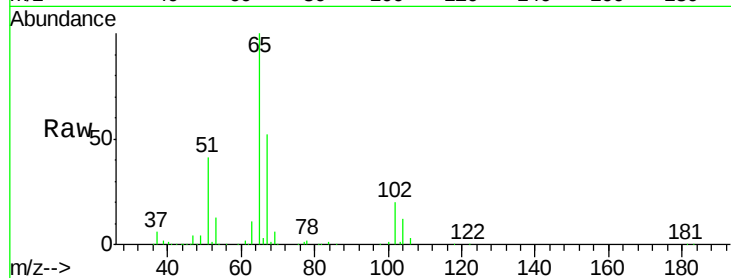




#33
 1,2-Dichloroethane-d4
 Concen: 53.930 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008230.D
 Acq: 12 Jan 2019 09:21

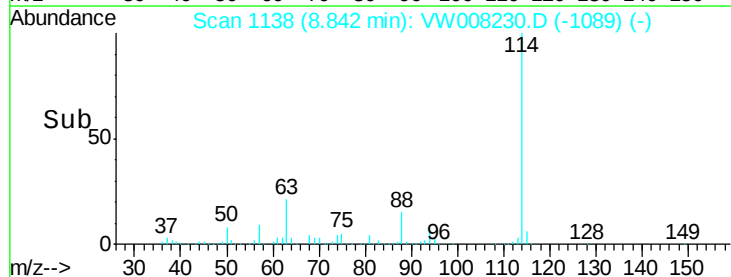
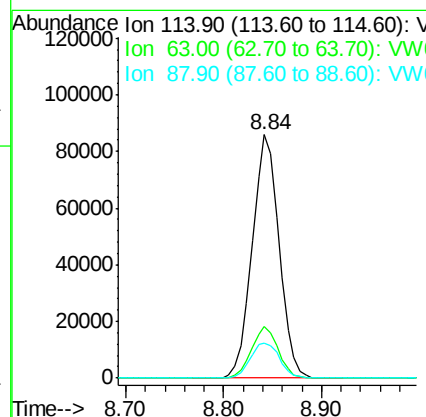
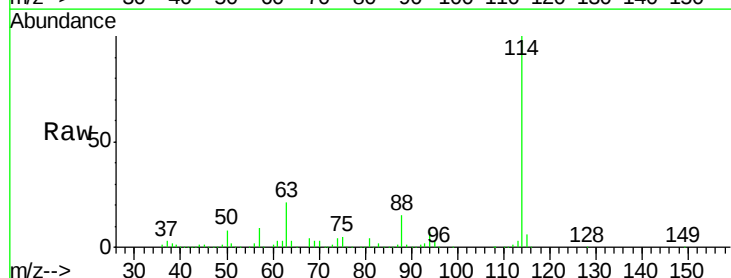
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(16-16.5)

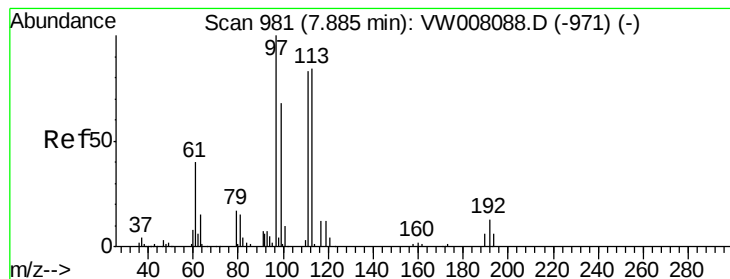
Tgt Ion: 65 Resp: 54242
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008230.D
 Acq: 12 Jan 2019 09:21

Tgt Ion: 114 Resp: 164117
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.4
 88 14.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.672 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

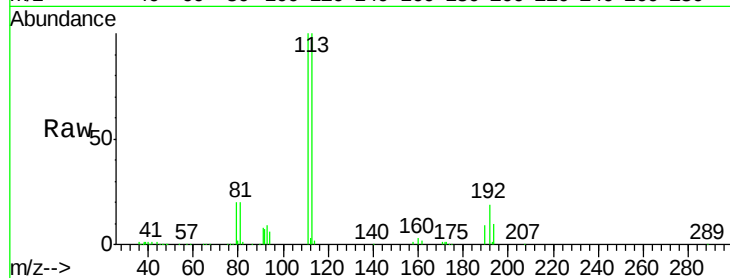
Tgt Ion:113 Resp: 51374

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

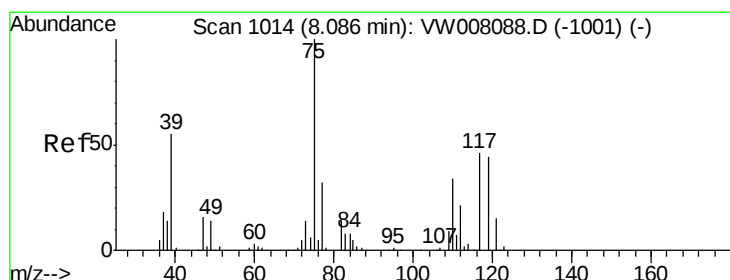
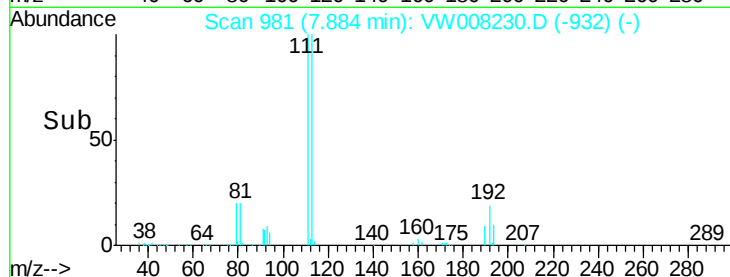
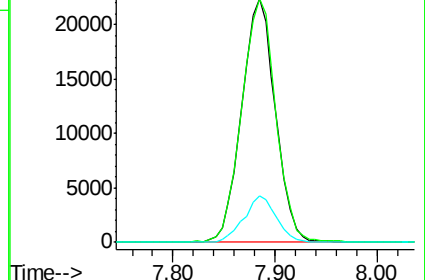
192 18.4 12.8 19.2



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: 4.485 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

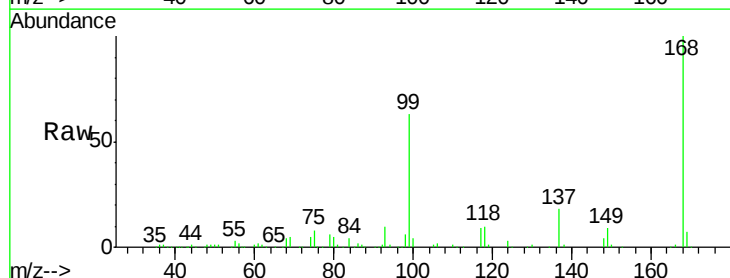
Tgt Ion: 75 Resp: 7582

Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.3#

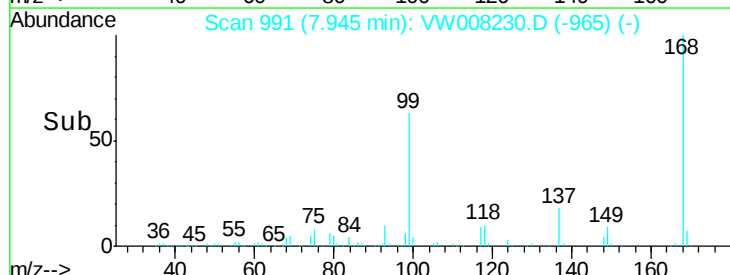
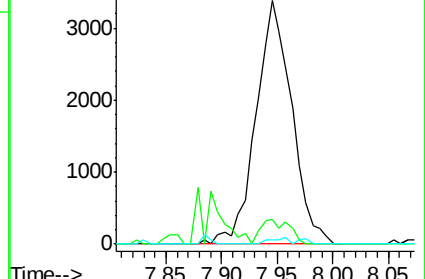
77 1.4 25.5 38.3#

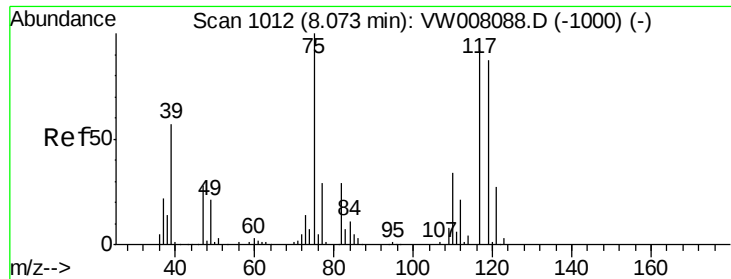


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

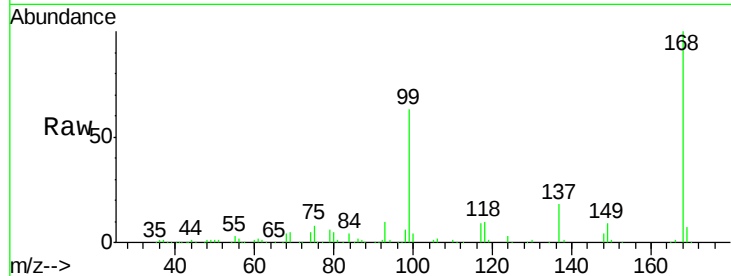
Tgt Ion:117 Resp: 9139

Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.8#

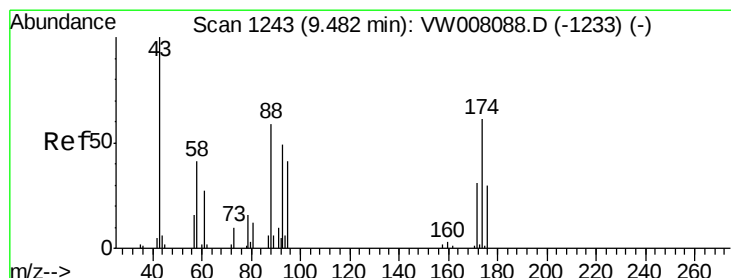
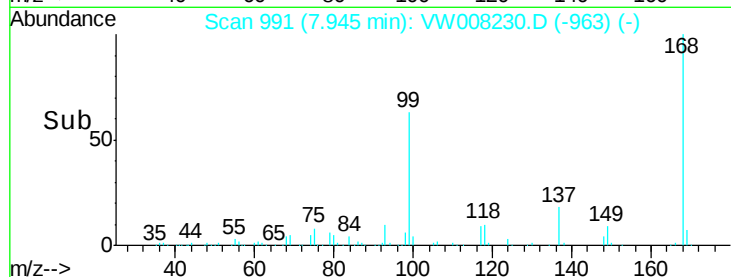
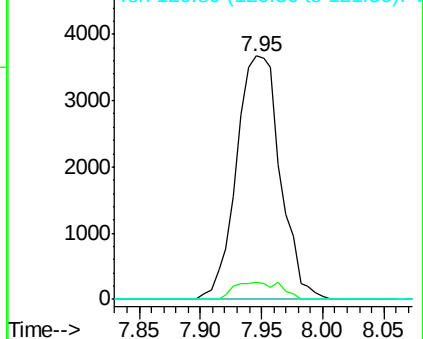
121 0.0 23.7 35.5#



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: 2.339 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

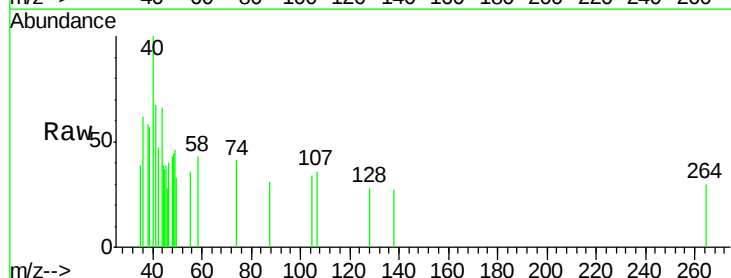
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 290.5 0.0 0.0#

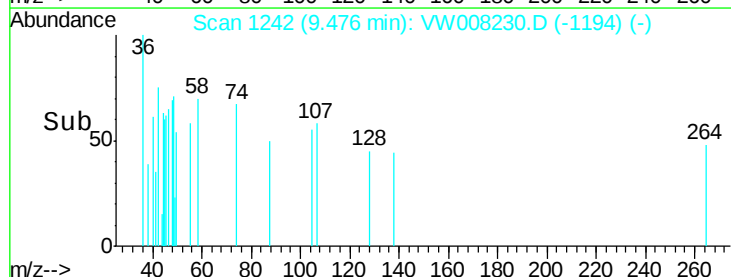
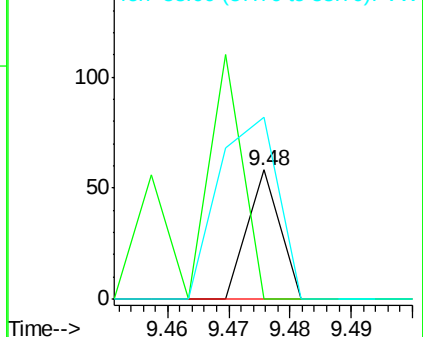
58 261.9 61.7 92.5#

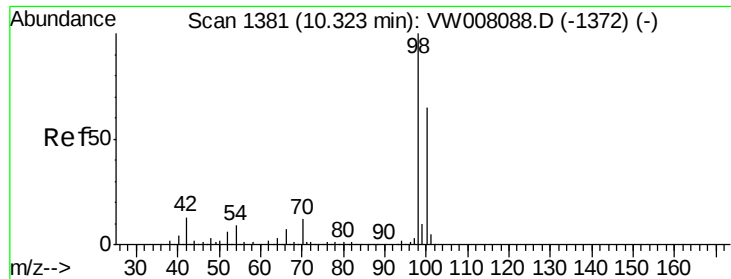


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

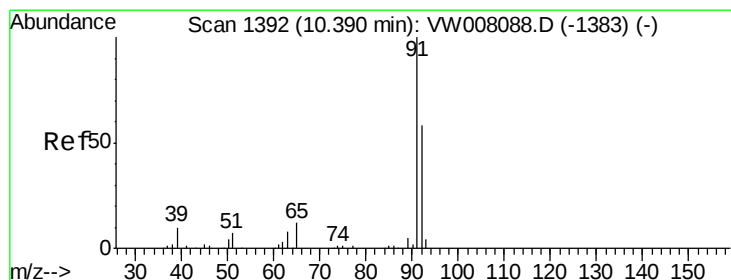
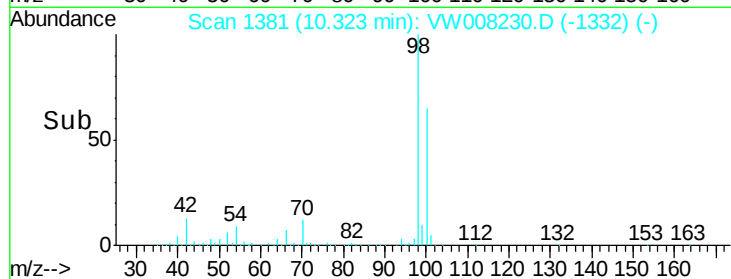
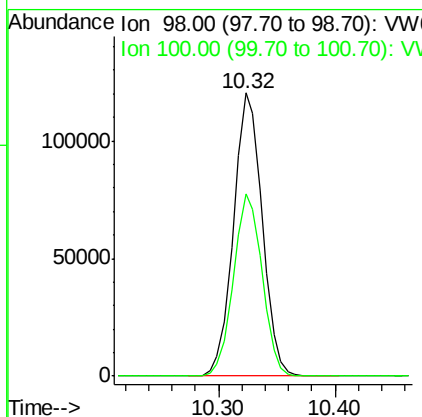
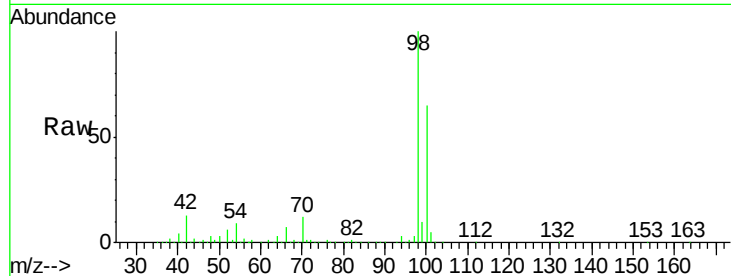




#50
Toluene-d8
Concen: 51.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

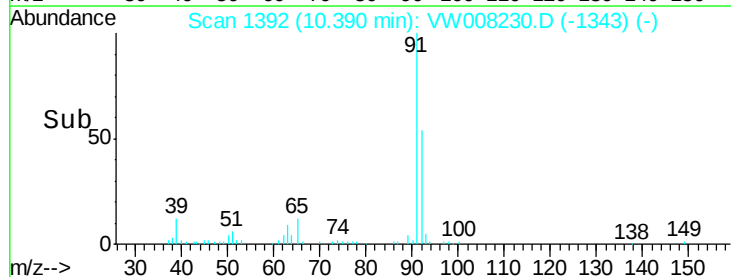
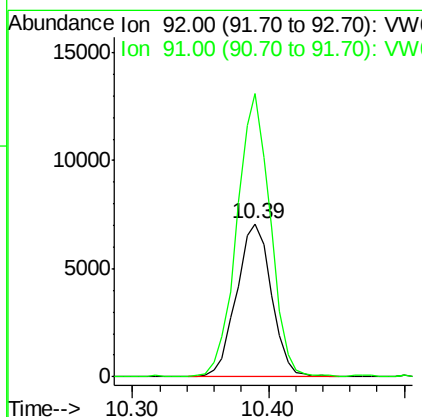
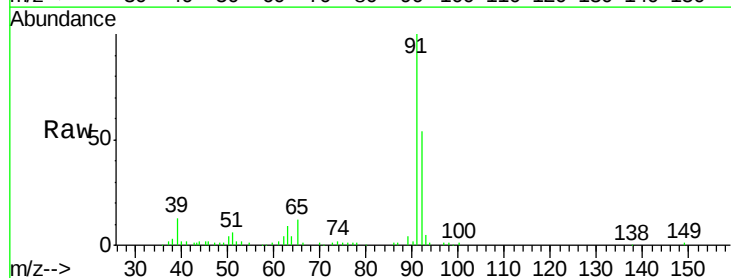
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

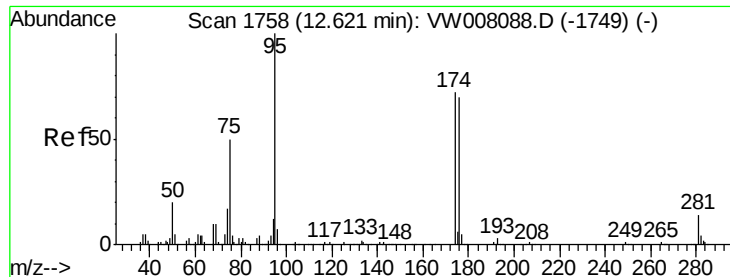
Tgt Ion: 98 Resp: 206410
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 4.339 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion: 92 Resp: 12705
Ion Ratio Lower Upper
92 100
91 176.3 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 48.060 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

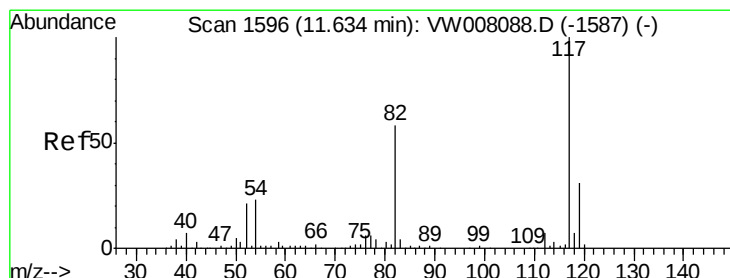
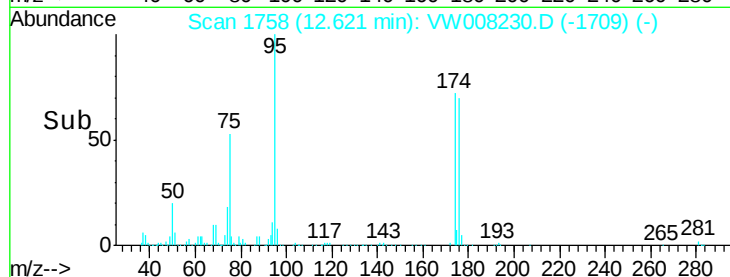
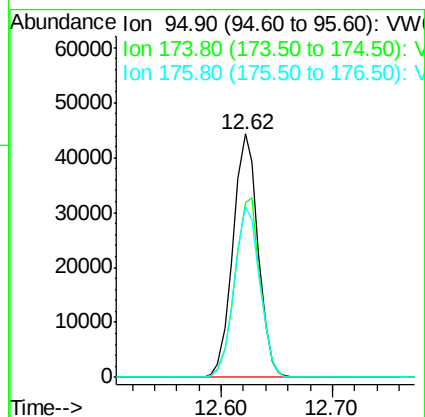
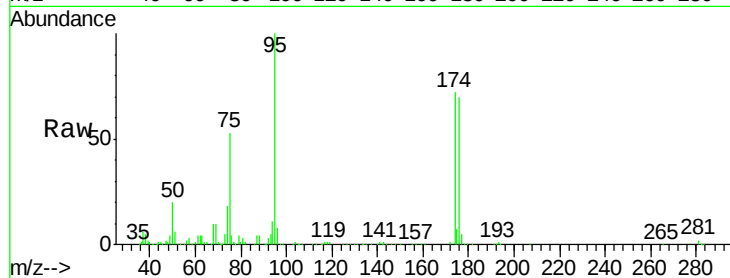
Tgt Ion: 95 Resp: 69206

Ion Ratio Lower Upper

95 100

174 74.5 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: VW008230.D

Acq: 12 Jan 2019 09:21

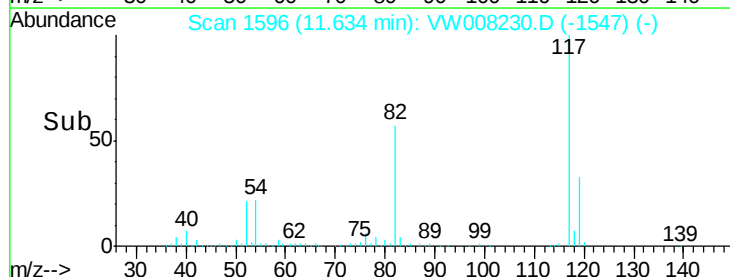
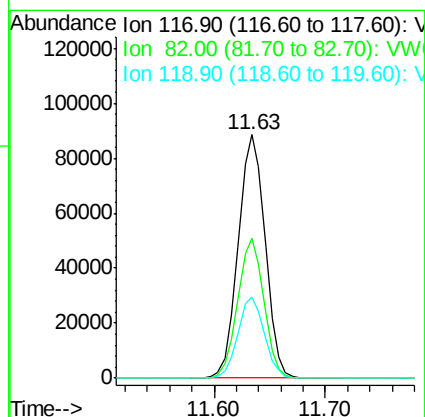
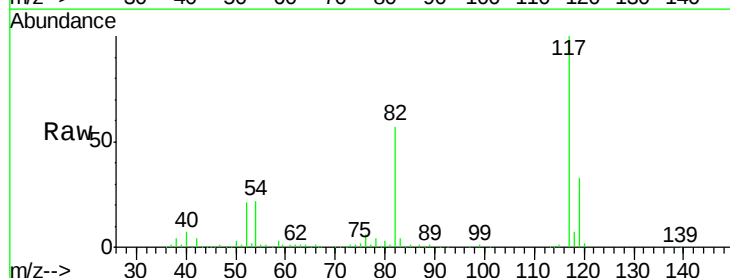
Tgt Ion: 117 Resp: 147531

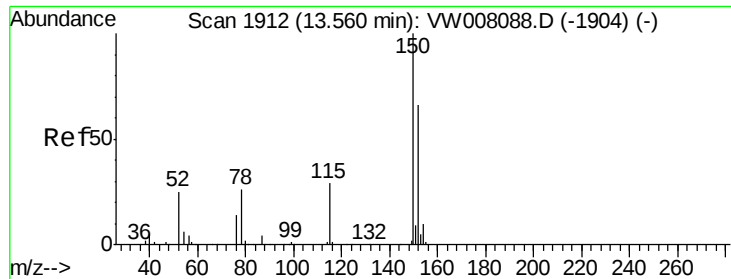
Ion Ratio Lower Upper

117 100

82 57.3 46.4 69.6

119 33.0 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: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

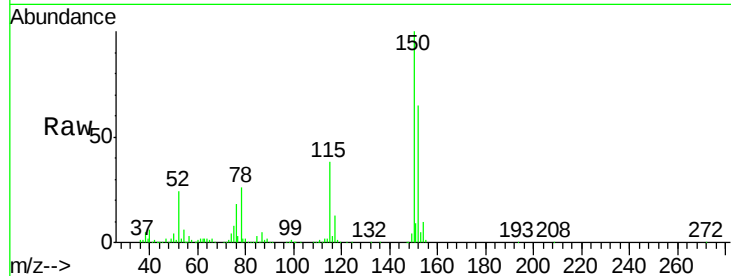
Tgt Ion:152 Resp: 66593

Ion Ratio Lower Upper

152 100

115 59.7 30.8 92.4

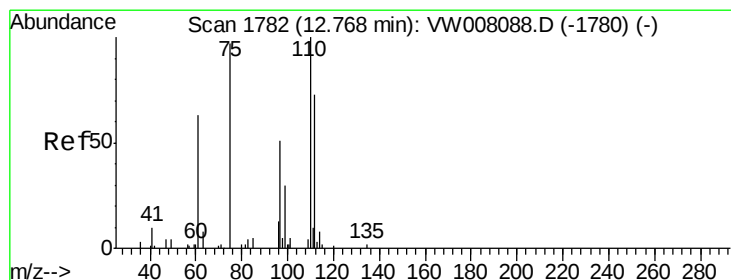
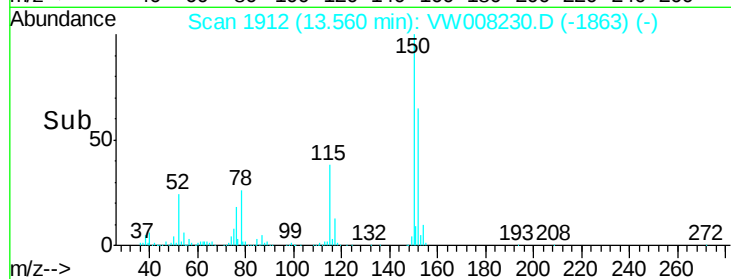
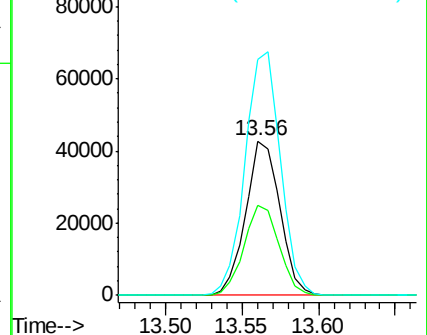
150 163.0 0.0 350.2



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: 57.702 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008230.D

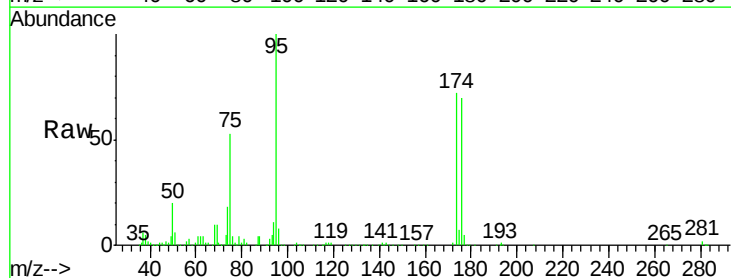
Acq: 12 Jan 2019 09:21

Tgt Ion: 75 Resp: 35029

Ion Ratio Lower Upper

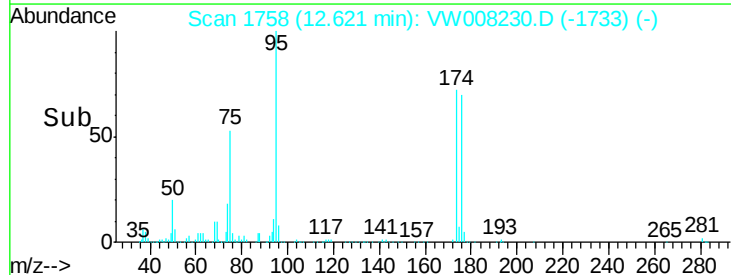
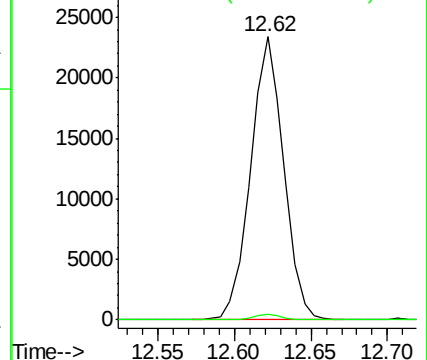
75 100

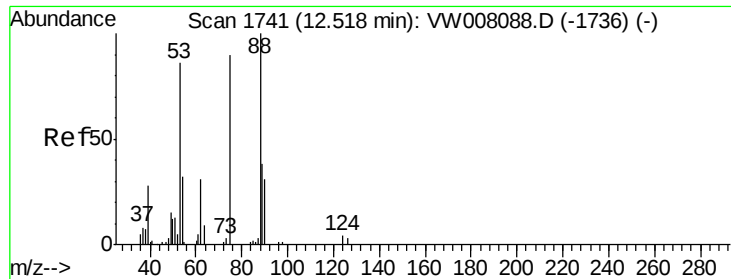
77 1.7 179.4 538.2#



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: 134.370 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

Tgt Ion: 75 Resp: 35029

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.0 35.4 53.2#

