

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003844.D
 Acq On : 11 Jul 2018 01:11
 Operator : SY/AP
 Sample : VW0710SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL02

Quant Time: Jul 11 04:46:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

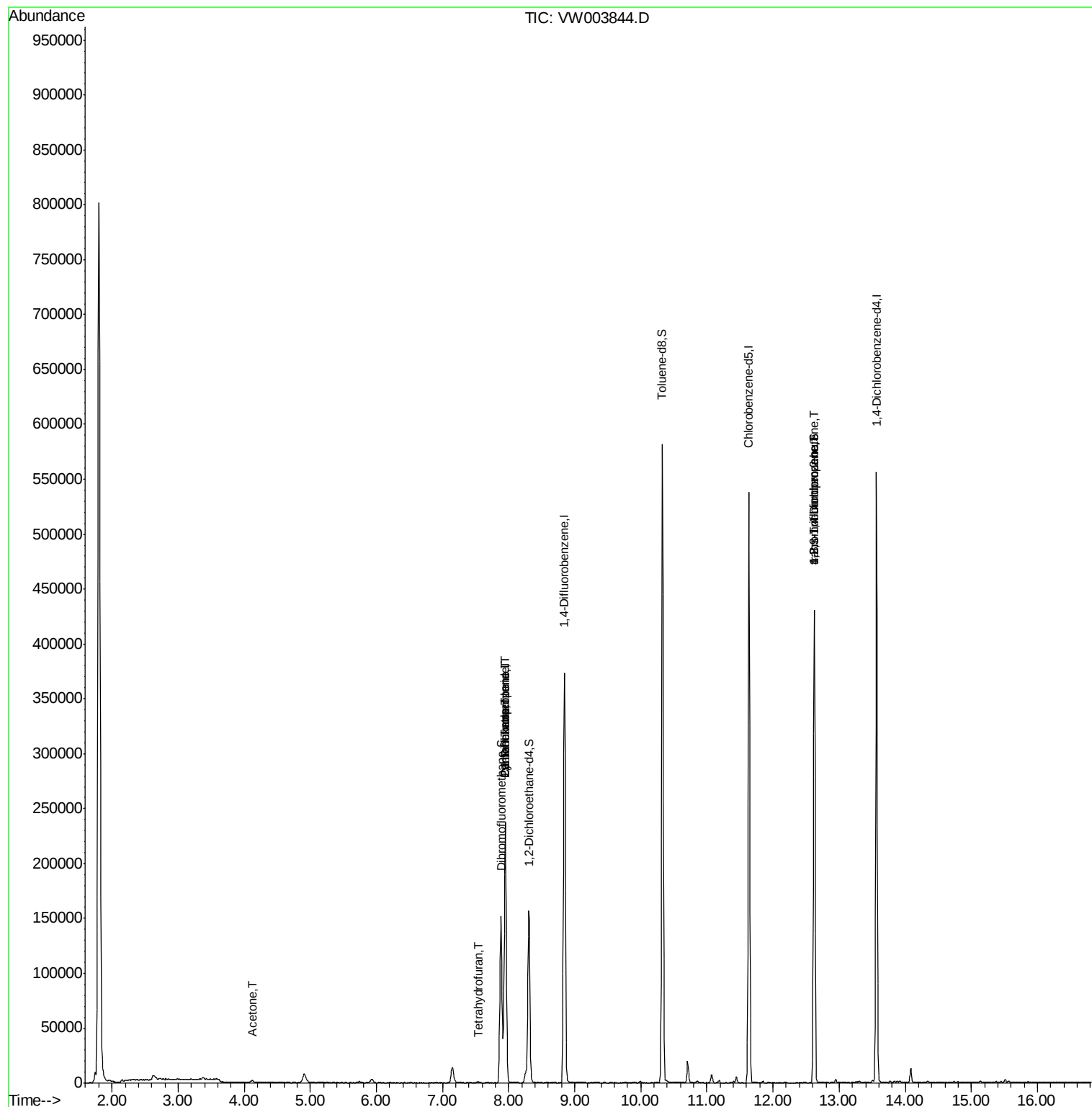
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122932	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
35) Dibromofluoromethane	7.88	113	104552	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.33	98	376683	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	125083	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	3776	9.875	ug/l #	87
20) Methylene Chloride	4.90	84	5936	Below Cal		95
29) Tetrahydrofuran	7.54	42	492	1.278	ug/l #	66
31) Cyclohexane	7.95	56	4392	1.366	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15164	4.853	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18008	6.062	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	67198	50.971	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67198	124.687	ug/l #	8

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

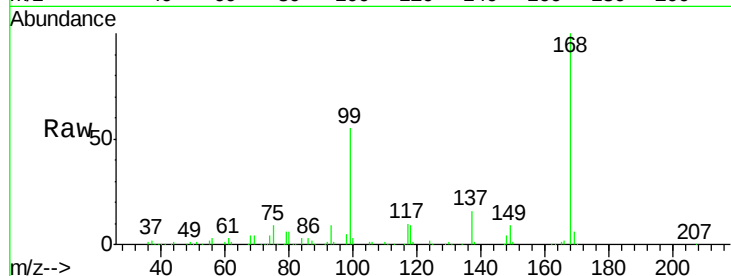
VW0710SBL02

Tot Ion:168 Resp: 168539

Ion Ratio Lower Upper

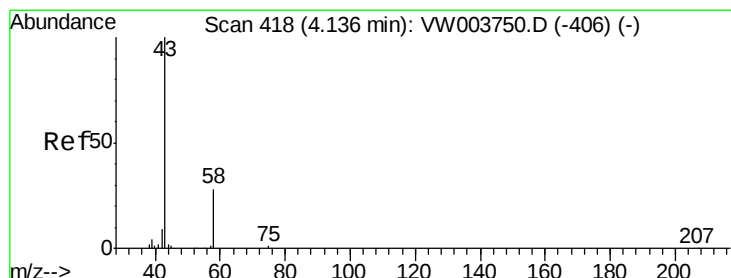
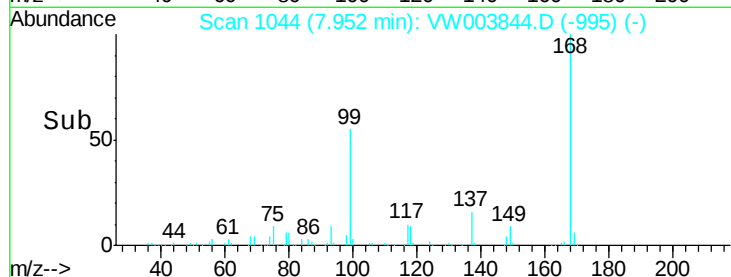
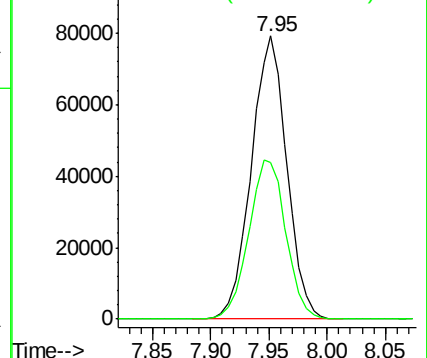
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.875 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003844.D

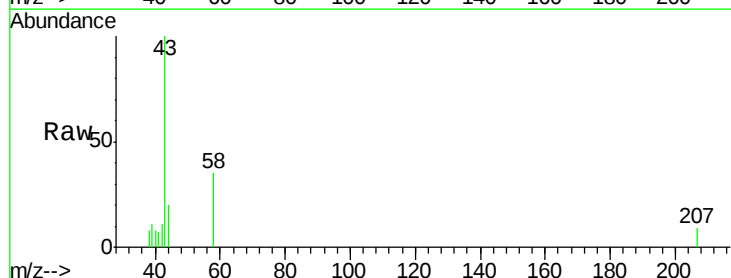
Acq: 11 Jul 2018 01:11

Tgt Ion: 43 Resp: 3776

Ion Ratio Lower Upper

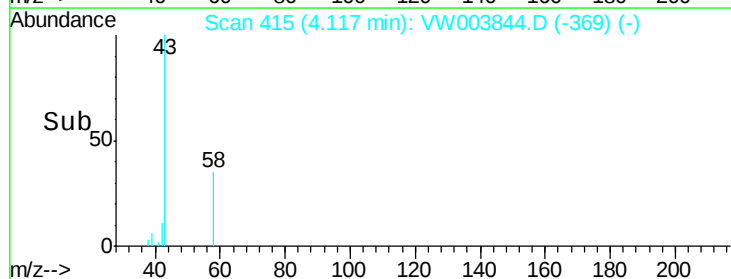
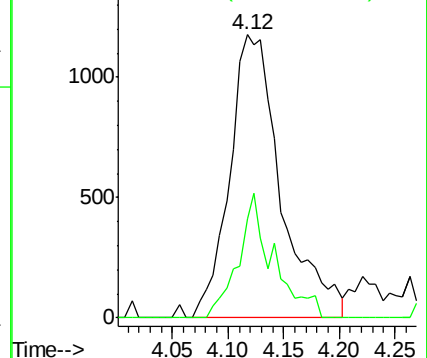
43 100

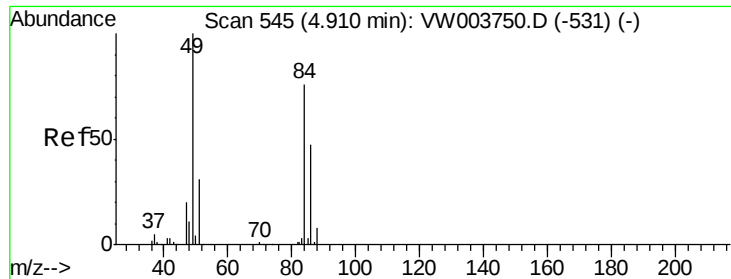
58 35.1 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

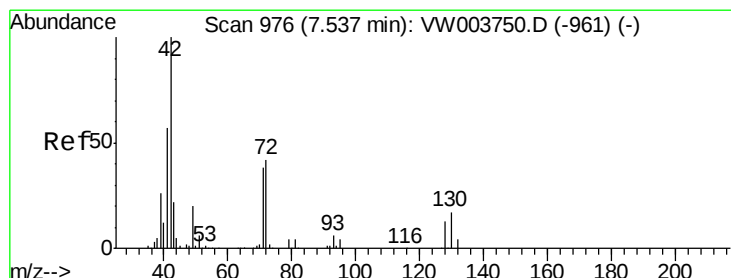
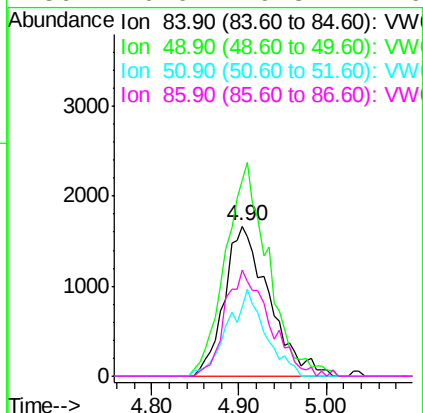
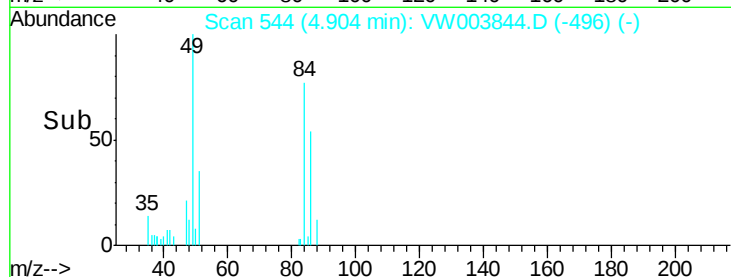
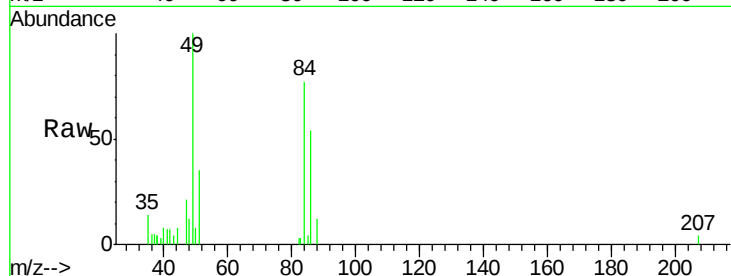




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

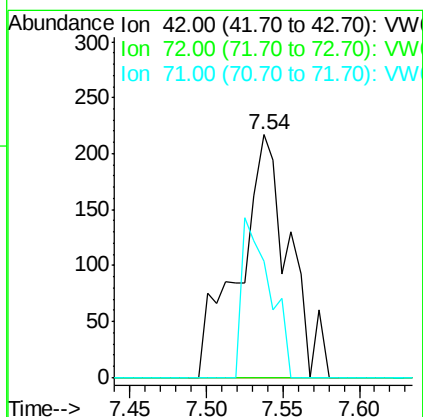
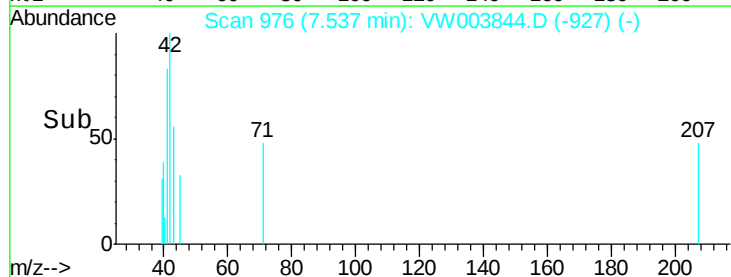
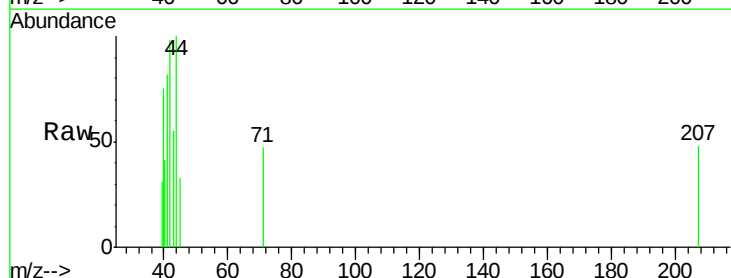
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL02

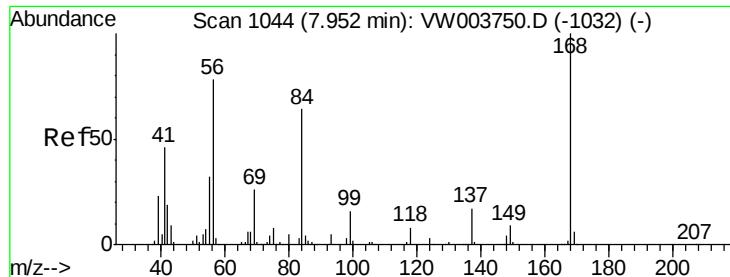
Tot Ion: 84 Resp: 5936
Ion Ratio Lower Upper
84 100
49 130.2 105.1 157.7
51 45.9 32.5 48.7
86 70.6 49.8 74.6



#29
Tetrahydrofuran
Concen: 1.278 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

Tgt Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 37.2 30.3 45.5

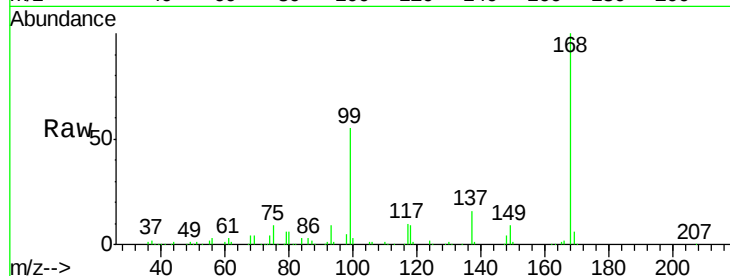




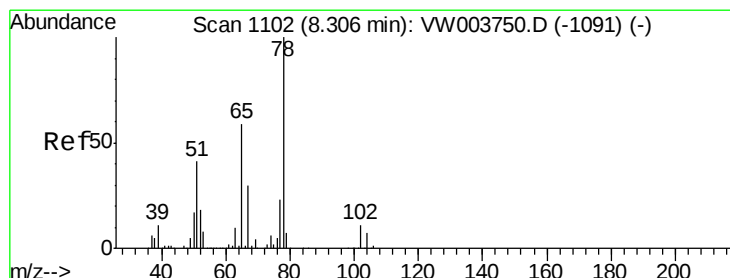
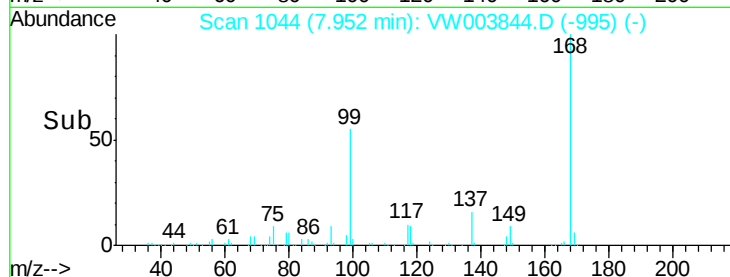
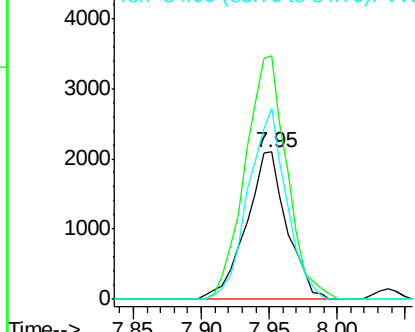
#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL02

Tot Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 165.3 26.2 39.4#
84 130.0 65.5 98.3#

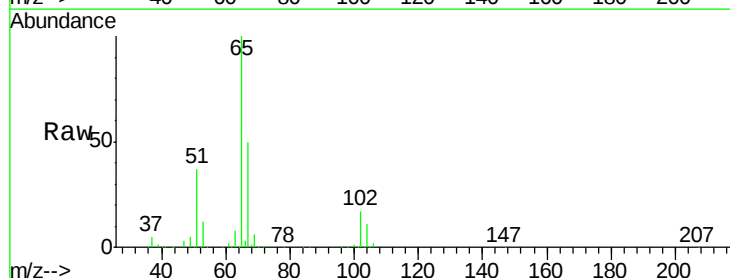


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

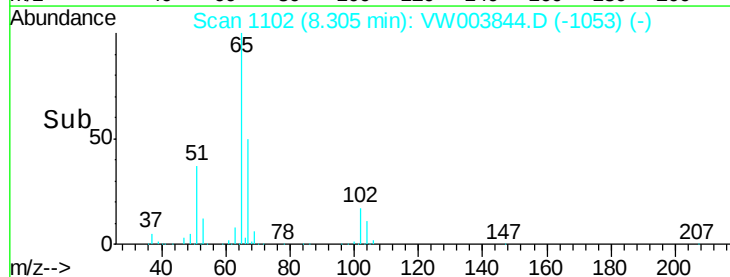
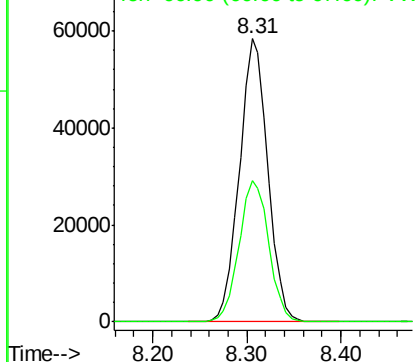


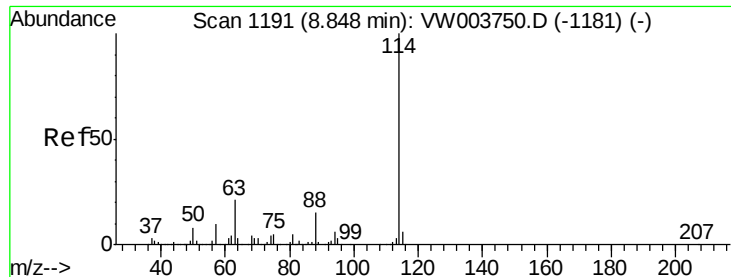
#33
1,2-Dichloroethane-d4
Concen: 55.776 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

Tgt Ion: 65 Resp: 122932
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBL02

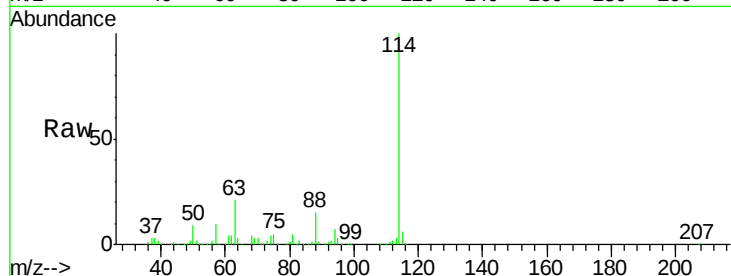
Tot Ion:114 Resp: 294486

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.8

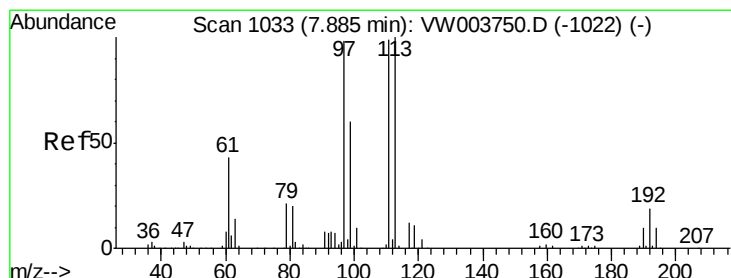
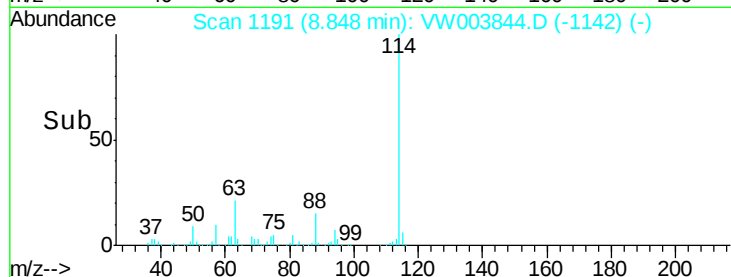
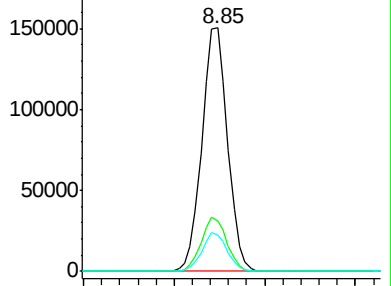
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.727 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

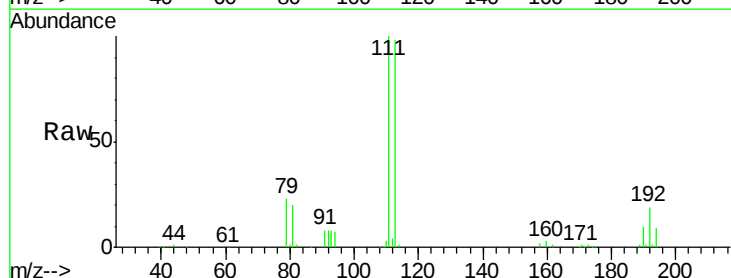
Tgt Ion:113 Resp: 104552

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

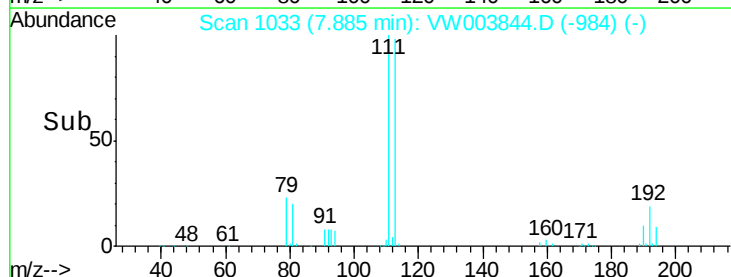
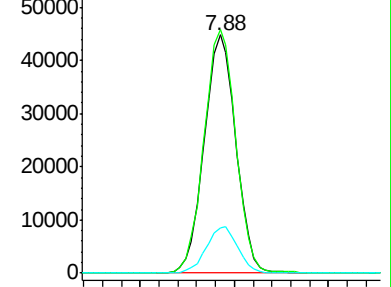
192 19.5 15.8 23.8

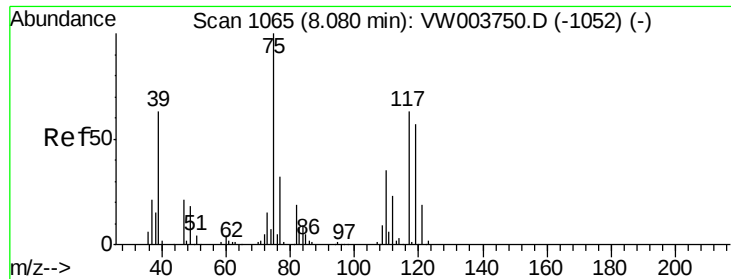


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

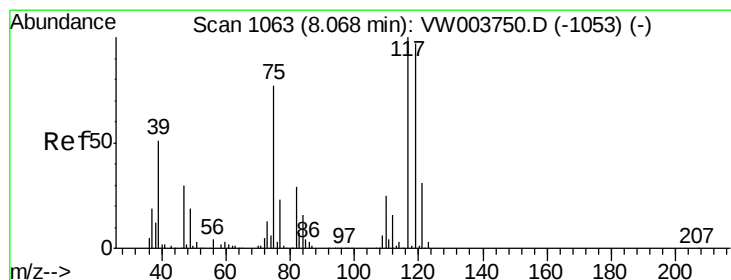
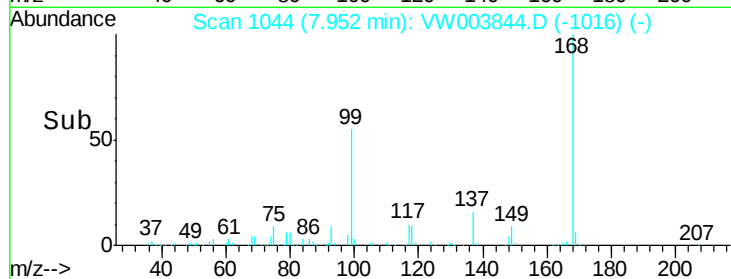
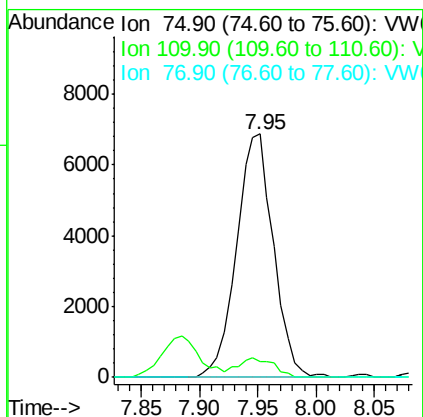
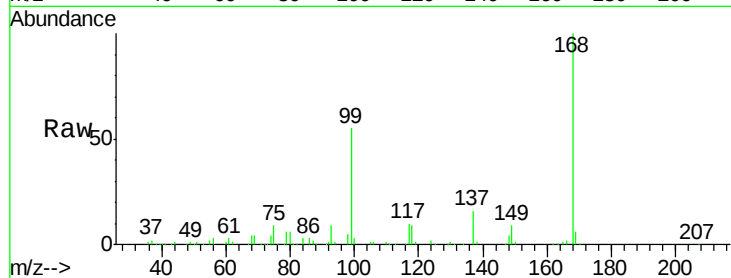




#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003844.D
 Acq: 11 Jul 2018 01:11

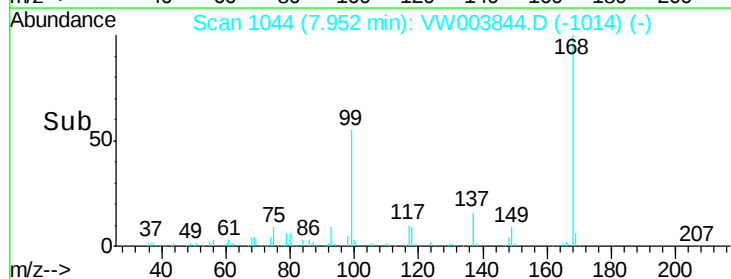
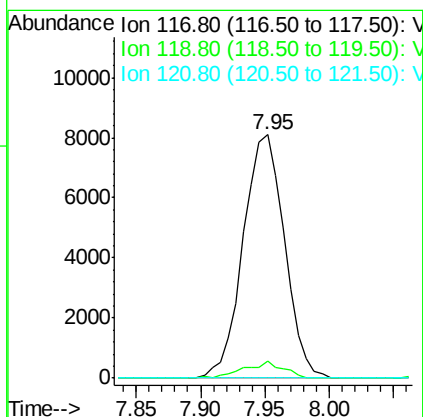
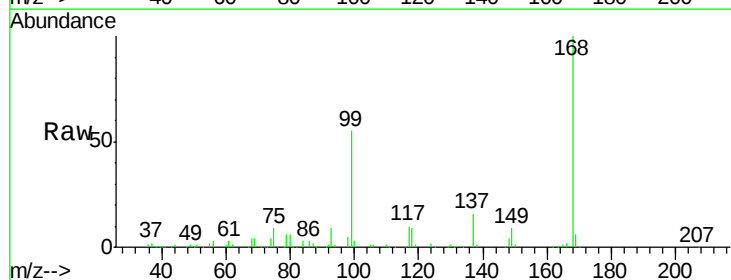
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL02

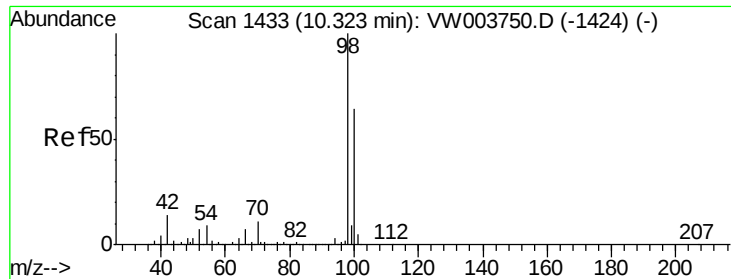
Tot Ion: 75 Resp: 15164
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003844.D
 Acq: 11 Jul 2018 01:11

Tgt Ion: 117 Resp: 18008
 Ion Ratio Lower Upper
 117 100
 119 6.8 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 47.778 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

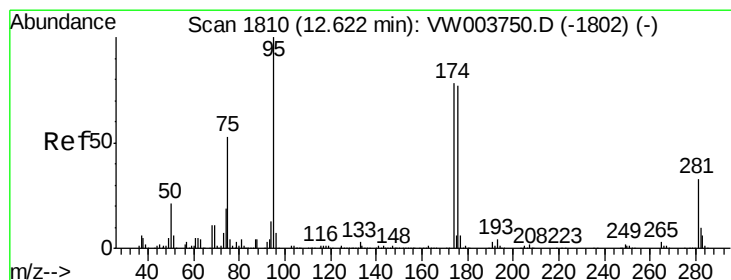
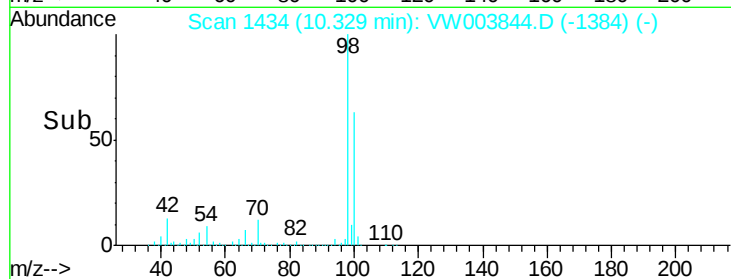
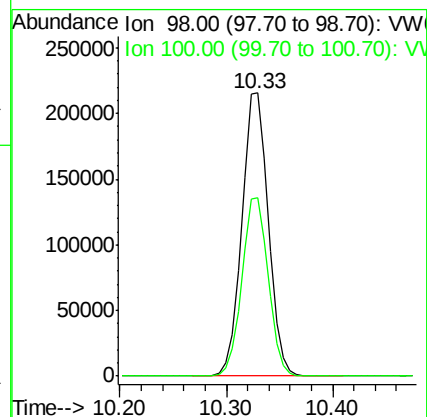
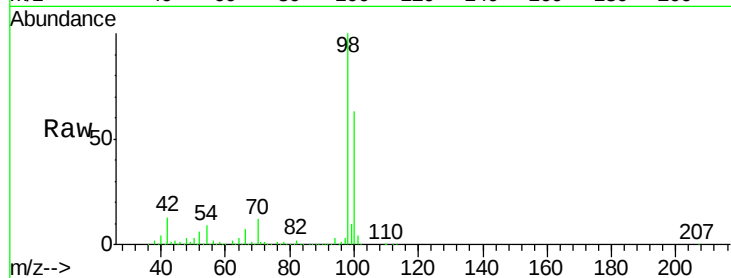
VW0710SBL02

Tot Ion: 98 Resp: 376683

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 43.849 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

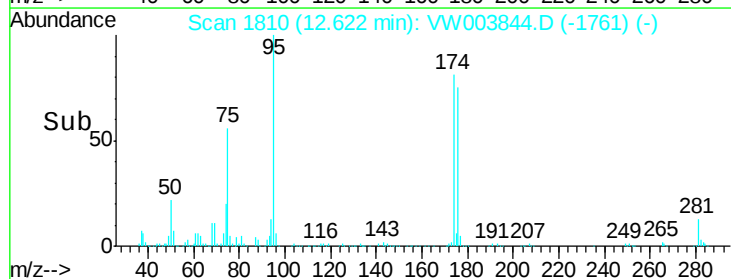
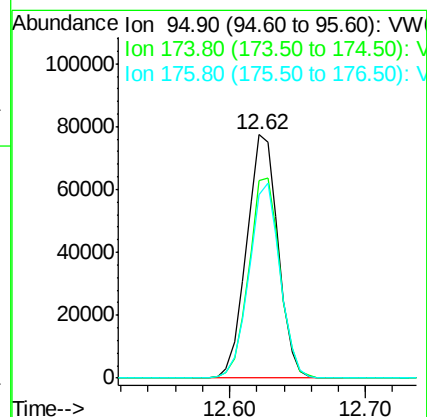
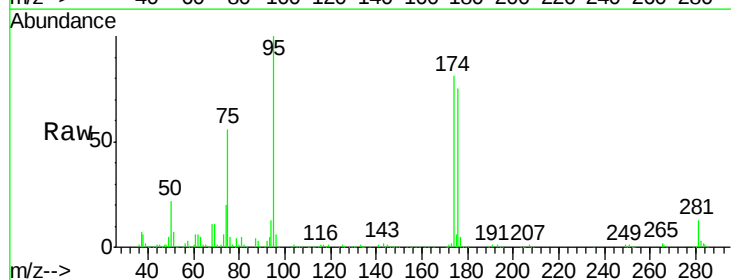
Tgt Ion: 95 Resp: 125083

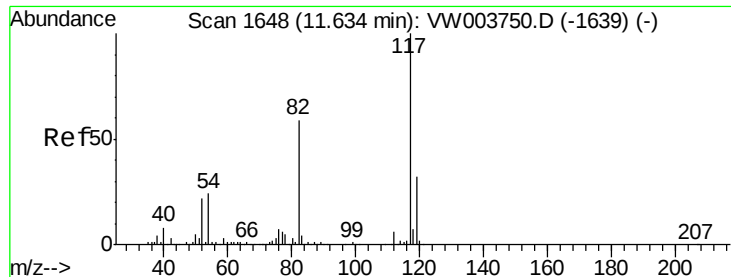
Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.4

176 78.8 0.0 156.8

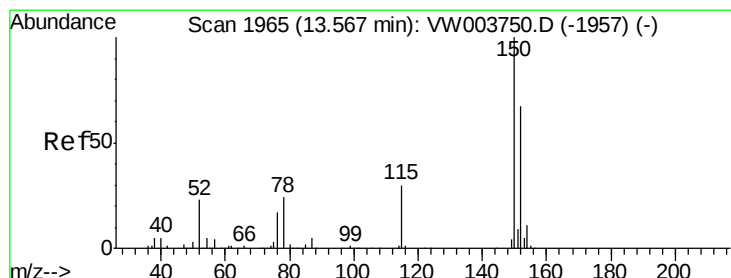
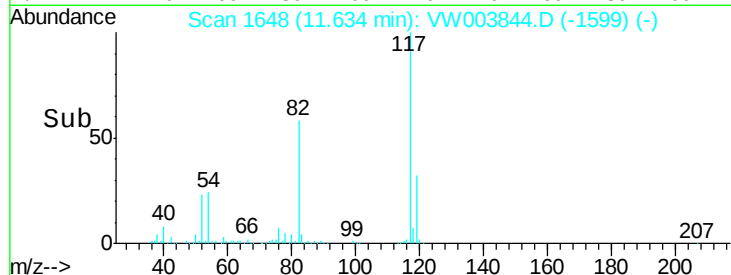
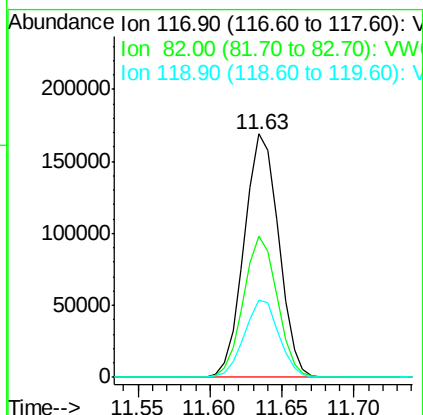
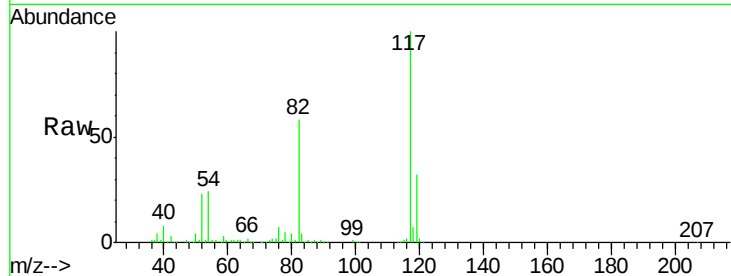




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

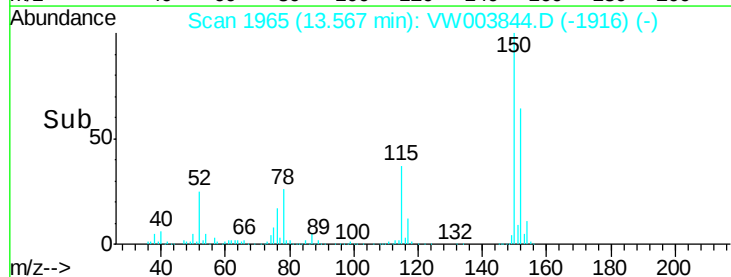
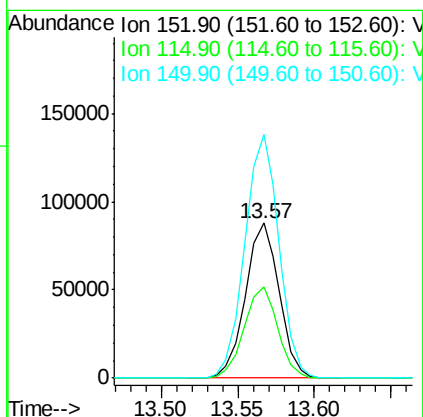
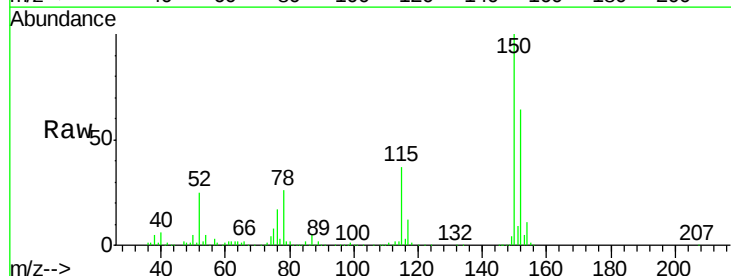
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MSVOA_W
ClientSampleId :
VW0710SBL02

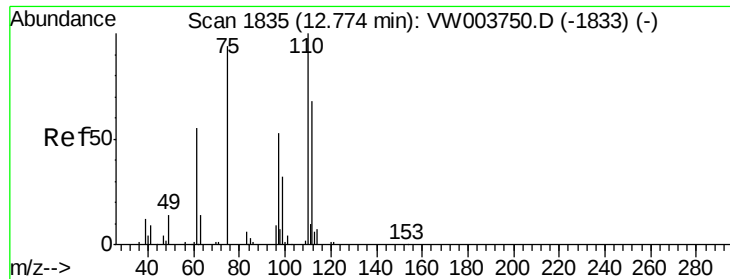
Tot Ion:117 Resp: 280239
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003844.D
Acq: 11 Jul 2018 01:11

Tgt Ion:152 Resp: 134255
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 158.8 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 50.971 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

Instrument :

MSVOA_W

ClientSampleId :

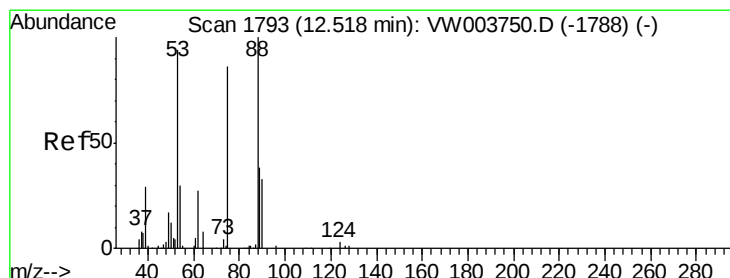
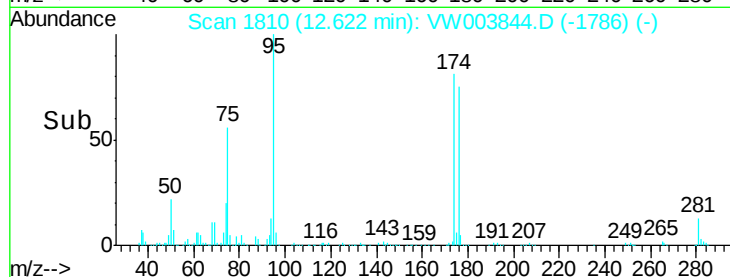
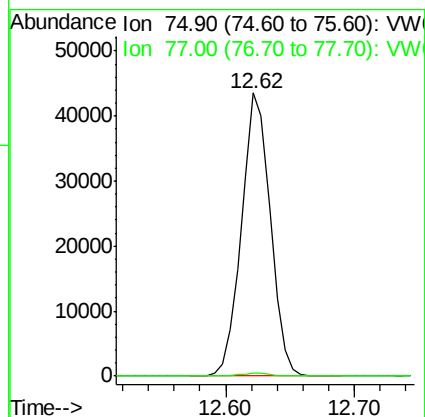
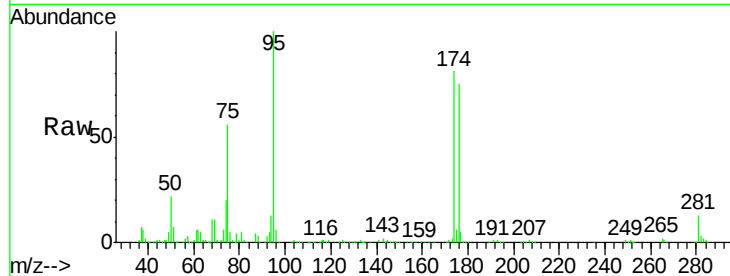
VW0710SBL02

Tot Ion: 75 Resp: 67198

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.687 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003844.D

Acq: 11 Jul 2018 01:11

Tgt Ion: 75 Resp: 67198

Ion Ratio Lower Upper

75 100

53 0.2 85.0 127.6#

89 0.1 36.3 54.5#

