

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003310.D
 Acq On : 15 Jun 2018 23:11
 Operator : SY/AP
 Sample : J3487-01RE
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

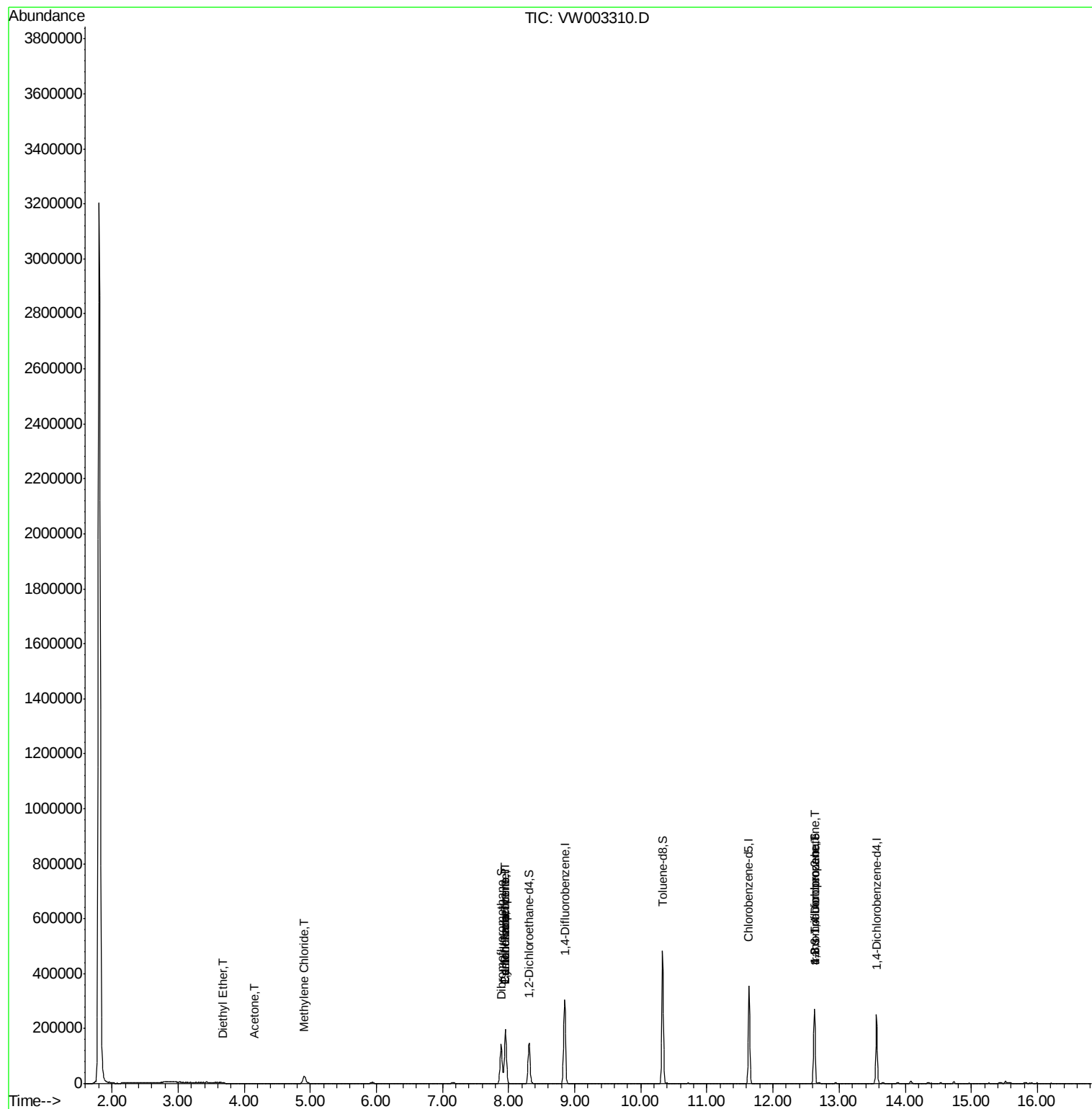
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	191113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120808	78.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.24%	
35) Dibromofluoromethane	7.88	113	98494	65.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.28%	
50) Toluene-d8	10.33	98	302887	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.63	95	81132	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	
Target Compounds						
8) Diethyl Ether	3.68	74	830	1.186	ug/l	99
16) Acetone	4.15	43	528	1.628	ug/l #	46
20) Methylene Chloride	4.91	84	20440	12.050	ug/l	97
31) Cyclohexane	7.96	56	3971	1.589	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	12050	5.128	ug/l #	51
38) Carbon Tetrachloride	7.95	117	14382	6.239	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	44150	83.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	44150	192.131	ug/l #	8

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

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Quant Title : SW846 8260
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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: VW003310.D

Acq: 15 Jun 2018 23:11

Instrument :

MSVOA_W

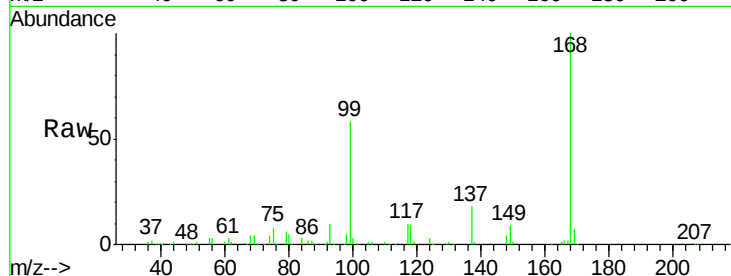
ClientSampled :

Tot Ion:168 Resp: 142766

Ion Ratio Lower Upper

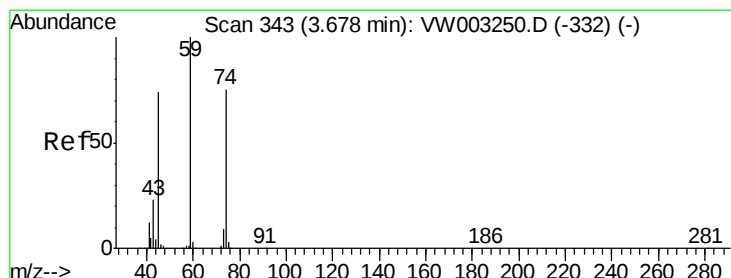
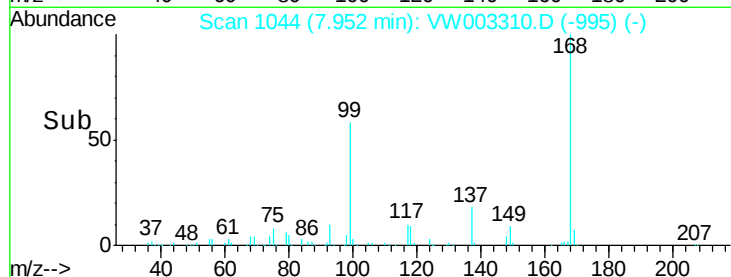
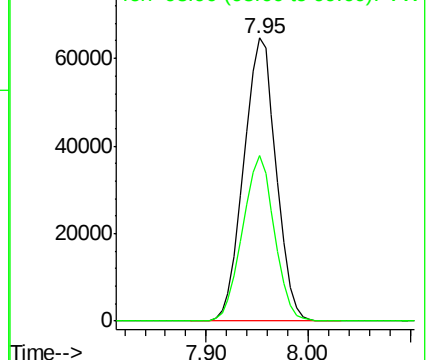
168 100

99 58.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.186 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003310.D

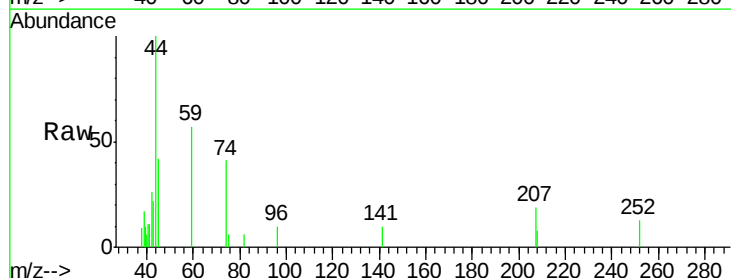
Acq: 15 Jun 2018 23:11

Tgt Ion: 74 Resp: 830

Ion Ratio Lower Upper

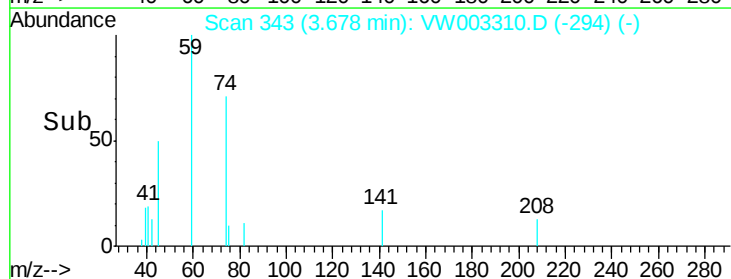
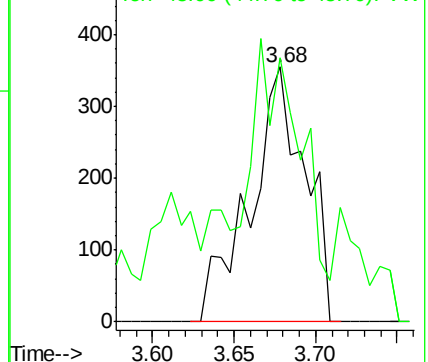
74 100

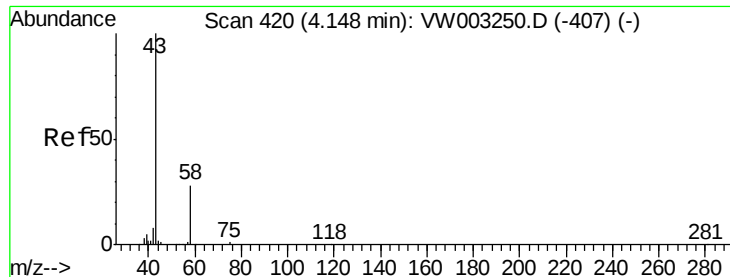
45 101.9 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 1.628 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003310.D

Acq: 15 Jun 2018 23:11

Instrument :

MSVOA_W

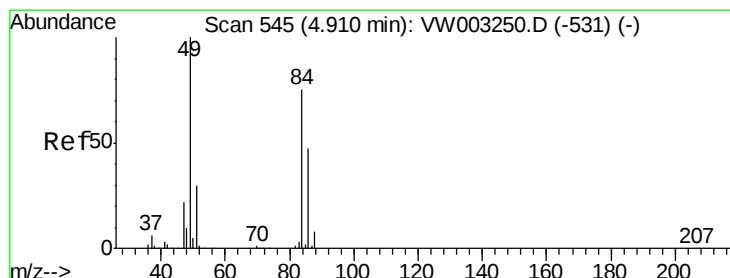
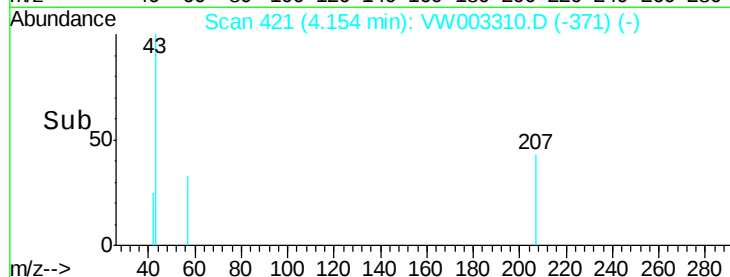
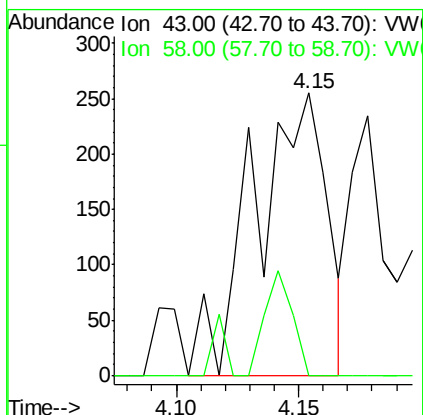
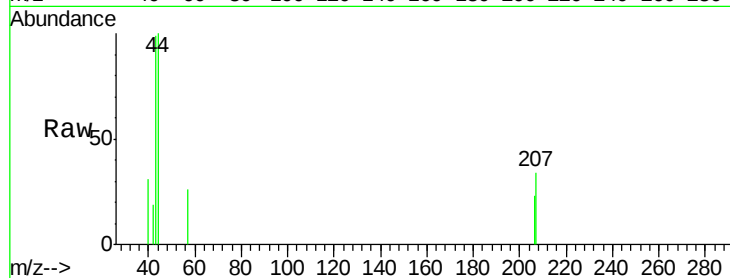
ClientSampled :

Tot Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

58 0.0 22.6 34.0#



#20

Methylene Chloride

Concen: 12.050 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003310.D

Acq: 15 Jun 2018 23:11

Tgt Ion: 84 Resp: 20440

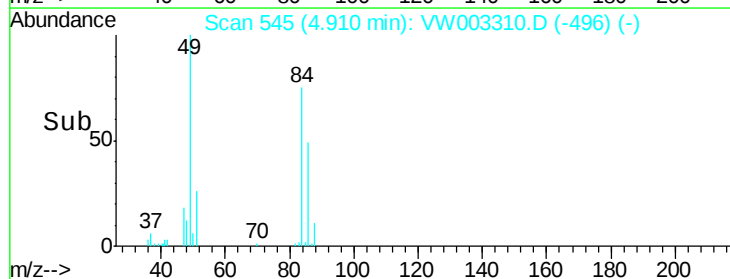
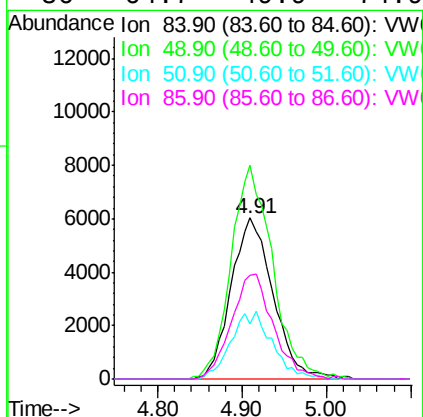
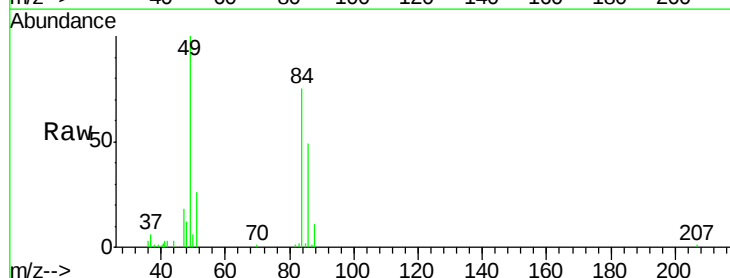
Ion Ratio Lower Upper

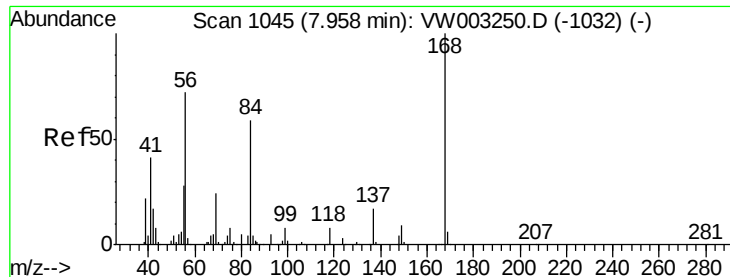
84 100

49 132.5 106.3 159.5

51 34.3 32.0 48.0

86 64.7 49.9 74.9

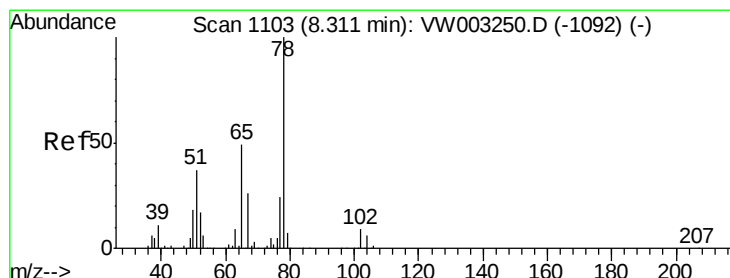
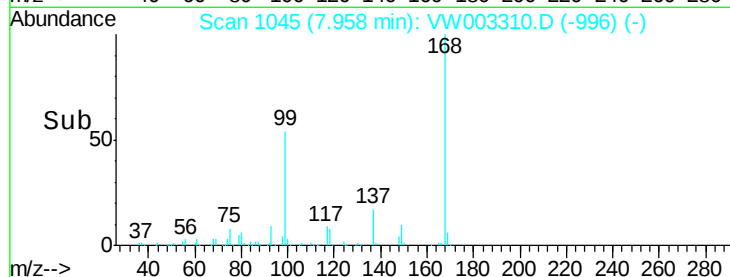
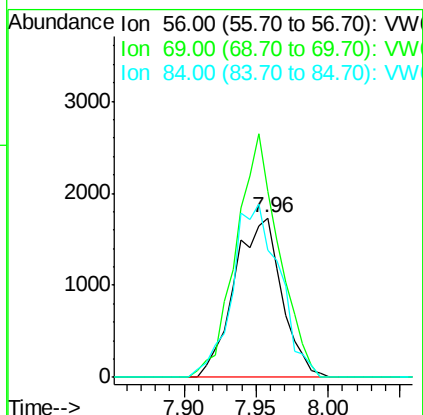
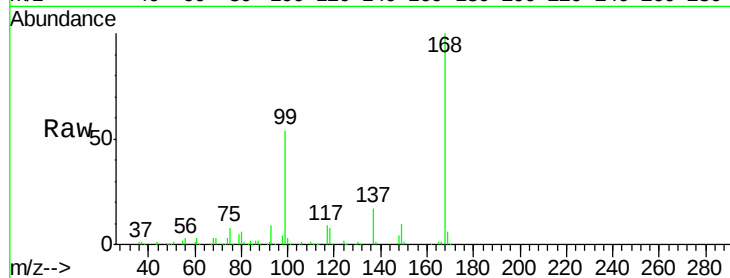




#31
Cyclohexane
Concen: 1.589 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

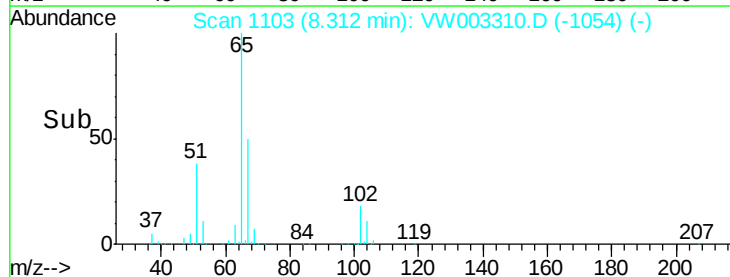
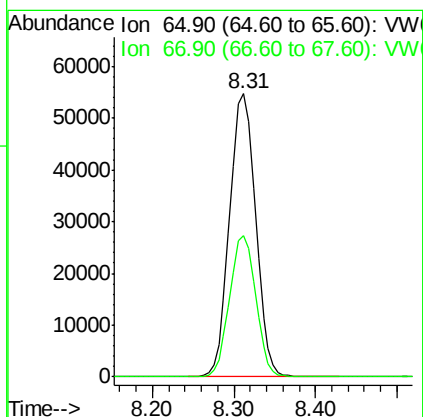
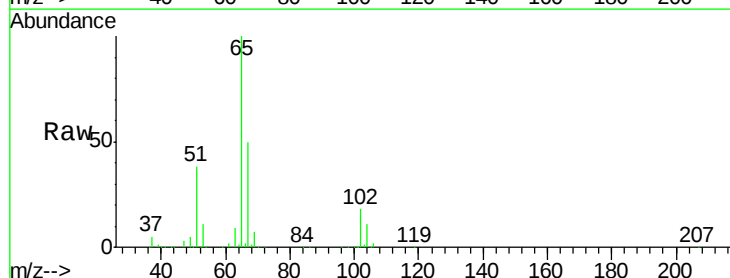
Instrument :
MSVOA_W
ClientSampleId :

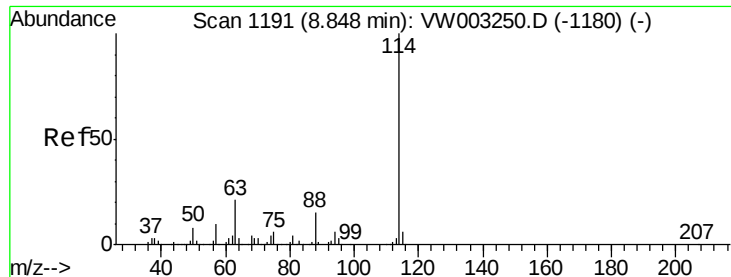
Tot Ion: 56 Resp: 3971
Ion Ratio Lower Upper
56 100
69 117.2 26.3 39.5#
84 89.0 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 78.123 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

Tgt Ion: 65 Resp: 120808
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.2

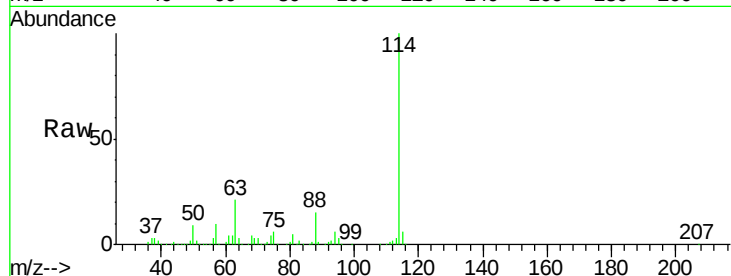




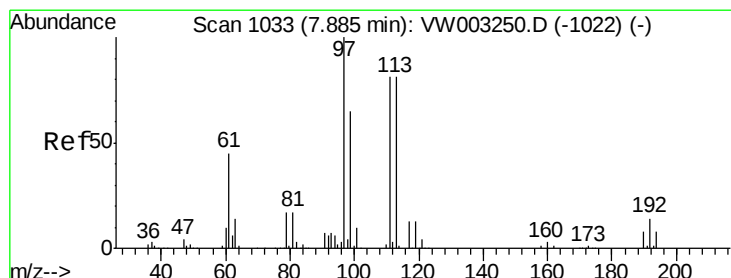
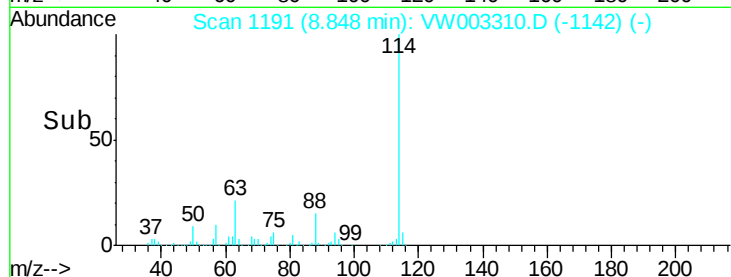
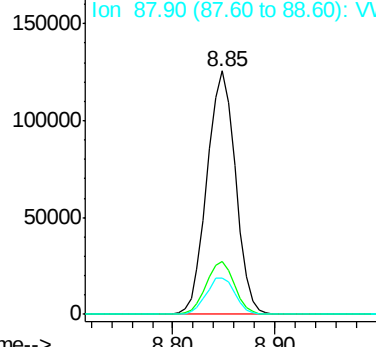
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003310.D
 Acq: 15 Jun 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	14.9	0.0	29.6

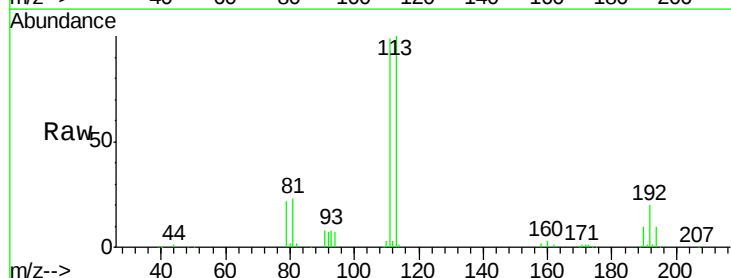


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

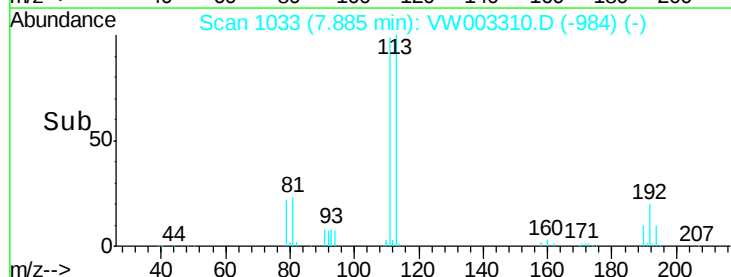
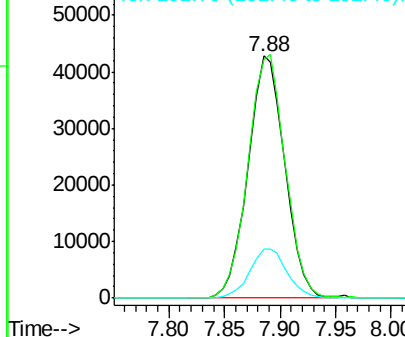


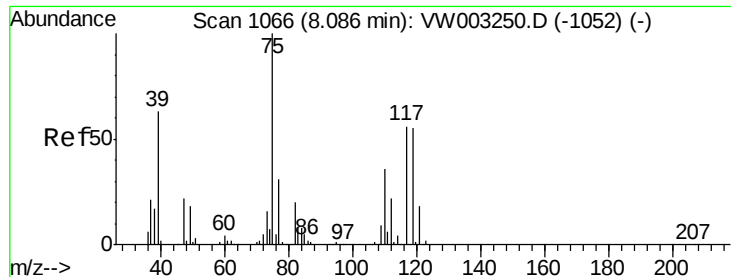
#35
 Dibromofluoromethane
 Concen: 65.144 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003310.D
 Acq: 15 Jun 2018 23:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	20.6	16.2	24.2



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

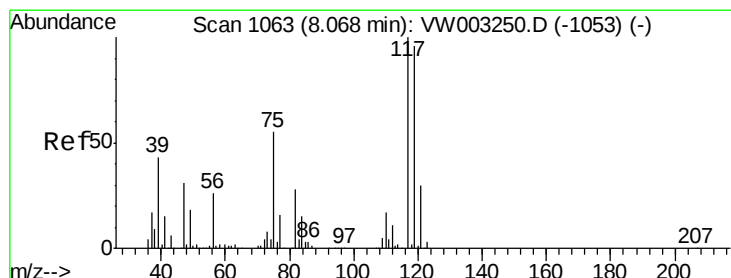
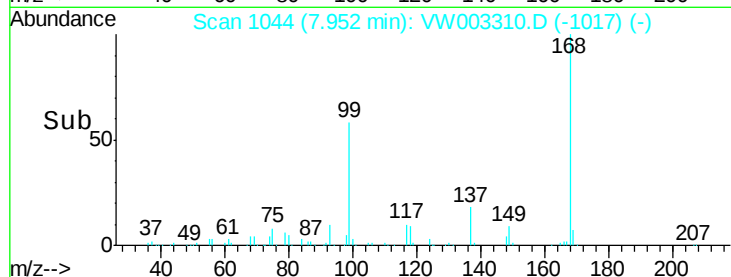
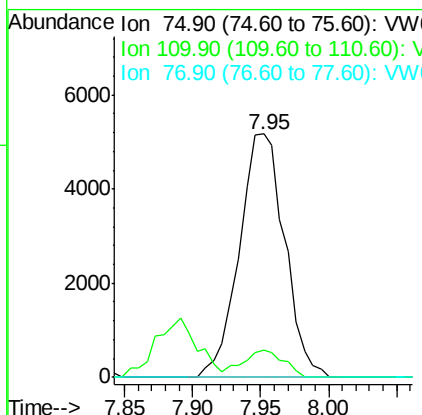
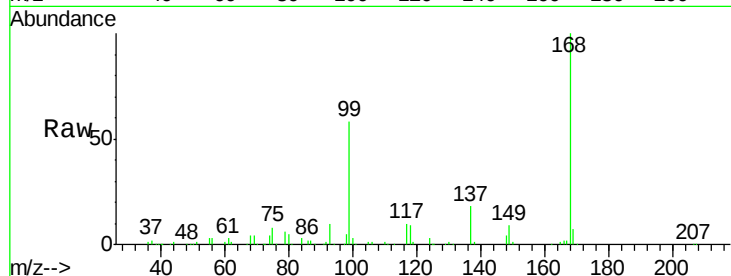




#36
 1,1-Dichloropropene
 Concen: 5.128 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003310.D
 Acq: 15 Jun 2018 23:11

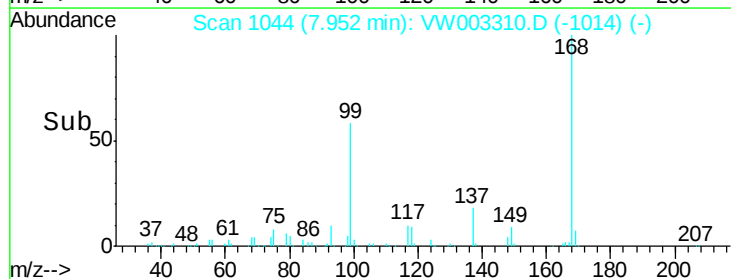
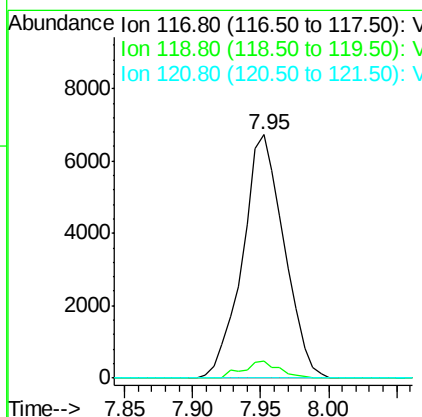
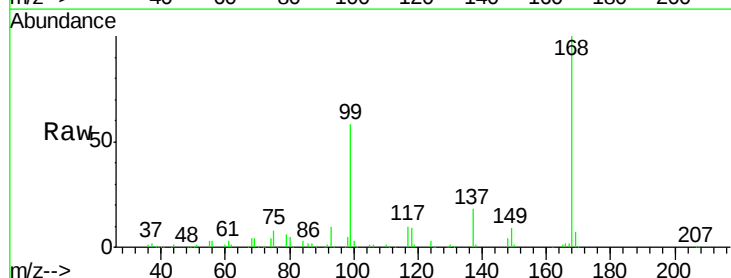
Instrument :
 MSVOA_W
 ClientSampleId :

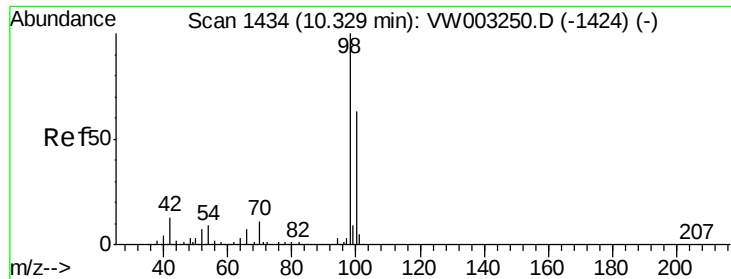
Tot Ion: 75 Resp: 12050
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.239 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003310.D
 Acq: 15 Jun 2018 23:11

Tgt Ion: 117 Resp: 14382
 Ion Ratio Lower Upper
 117 100
 119 7.2 76.6 115.0#
 121 0.0 23.9 35.9#

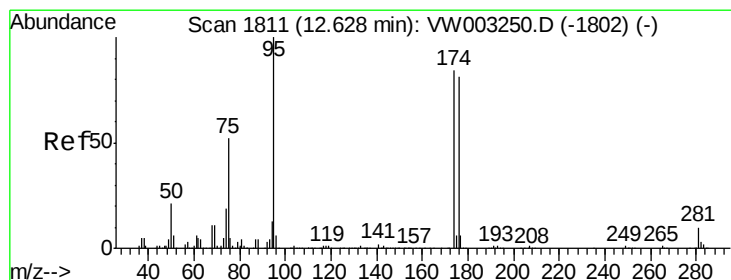
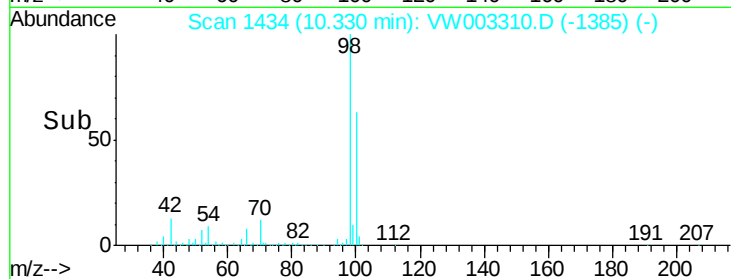
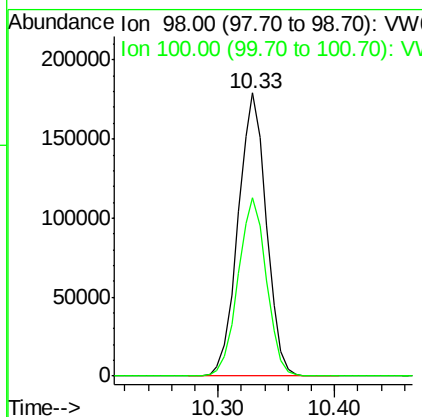
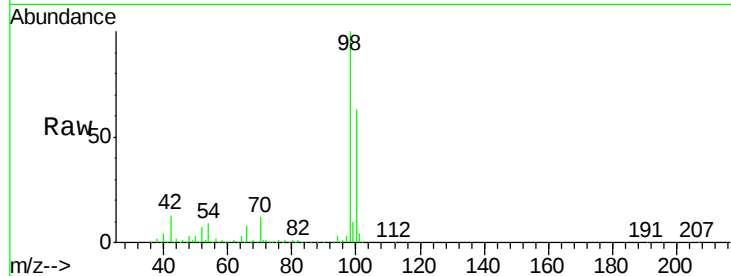




#50
Toluene-d8
Concen: 50.522 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

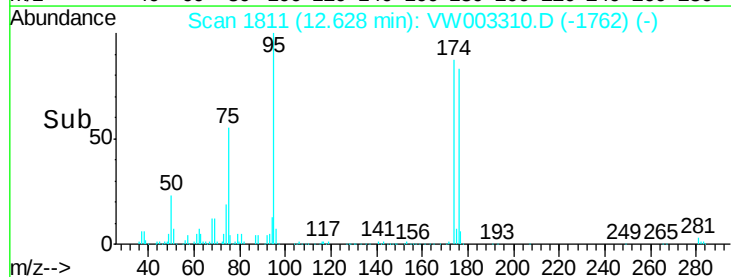
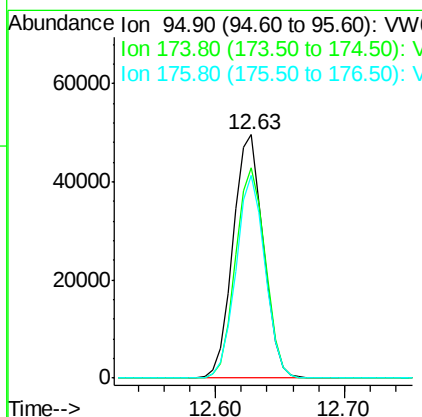
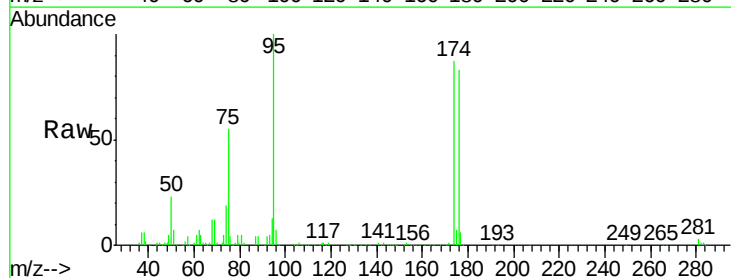
Instrument :
MSVOA_W
ClientSampleId :

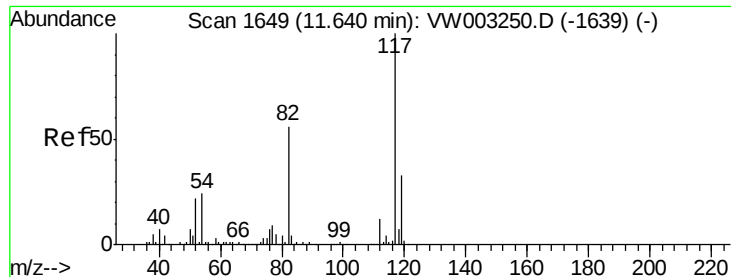
Tot Ion: 98 Resp: 302887
Ion Ratio Lower Upper
98 100
100 62.9 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.240 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

Tgt Ion: 95 Resp: 81132
Ion Ratio Lower Upper
95 100
174 84.7 0.0 166.4
176 79.5 0.0 162.0

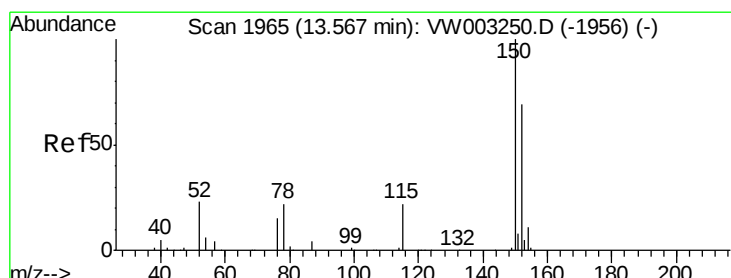
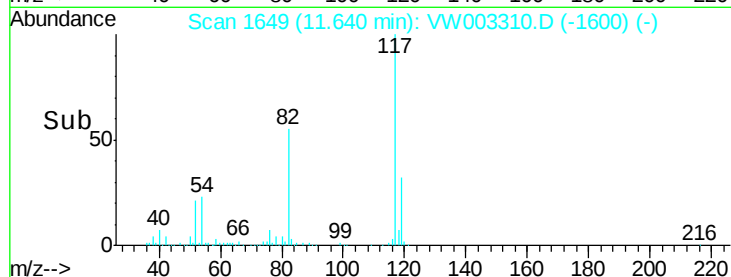
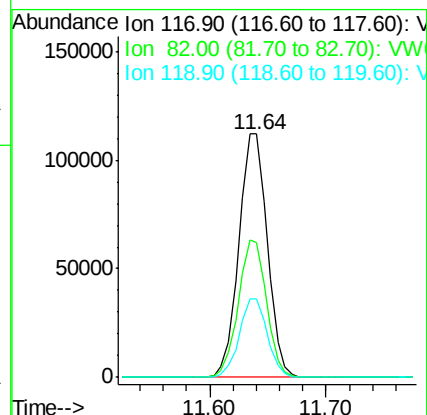
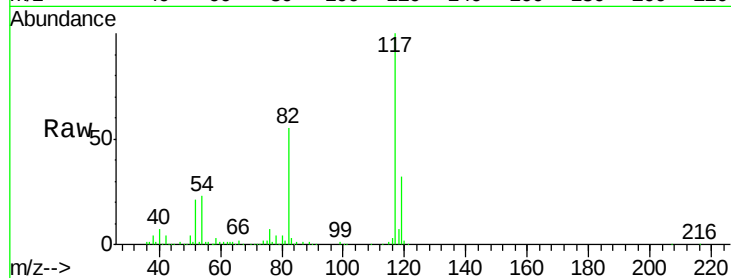




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

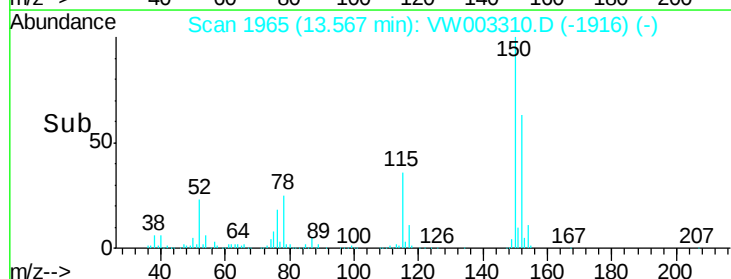
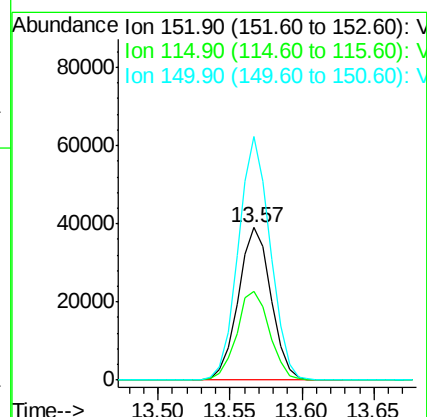
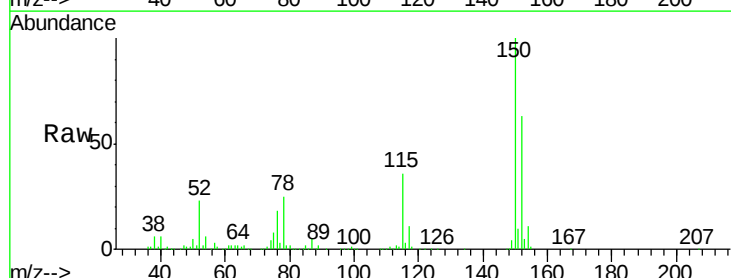
Instrument :
MSVOA_W
ClientSampled :

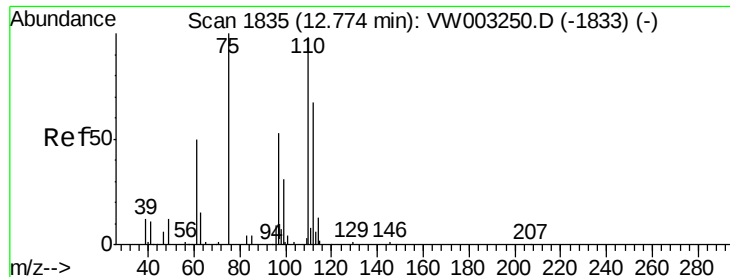
Tot Ion:117 Resp: 191113
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003310.D
Acq: 15 Jun 2018 23:11

Tgt Ion:152 Resp: 61852
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 155.4 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 83.497 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003310.D

Acq: 15 Jun 2018 23:11

Instrument :

MSVOA_W

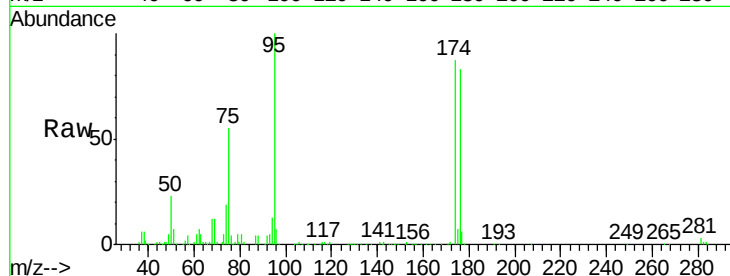
ClientSampleId :

Tot Ion: 75 Resp: 44150

Ion Ratio Lower Upper

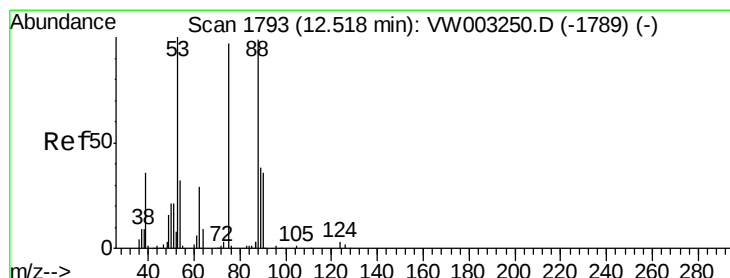
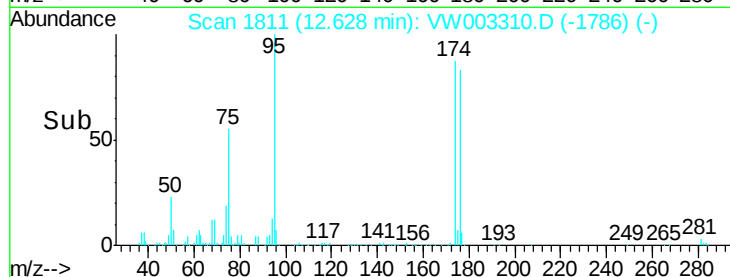
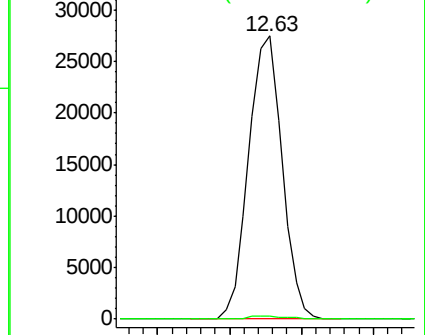
75 100

77 1.2 0.0 0.0#



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: 192.131 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003310.D

Acq: 15 Jun 2018 23:11

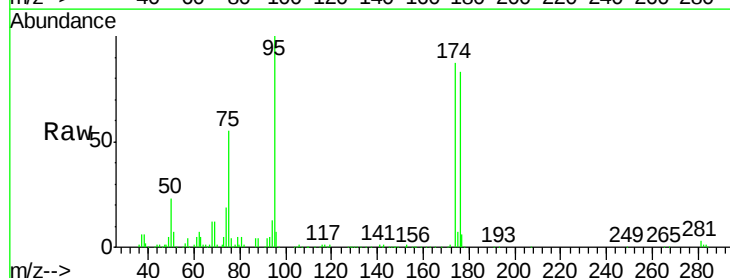
Tgt Ion: 75 Resp: 44150

Ion Ratio Lower Upper

75 100

53 0.0 82.9 124.3#

89 0.1 36.7 55.1#



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

