

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003614.D
 Acq On : 27 Jun 2018 15:31
 Operator : SY/AP
 Sample : J3702-01RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:33:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	212149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	167648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57551	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	70121	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
35) Dibromofluoromethane	7.88	113	59757	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
50) Toluene-d8	10.33	98	149762	28.65	ug/l	0.00
Spiked Amount			Recovery	=	57.30%	
62) 4-Bromofluorobenzene	12.63	95	45306	24.49	ug/l	0.00
Spiked Amount			Recovery	=	48.98%	

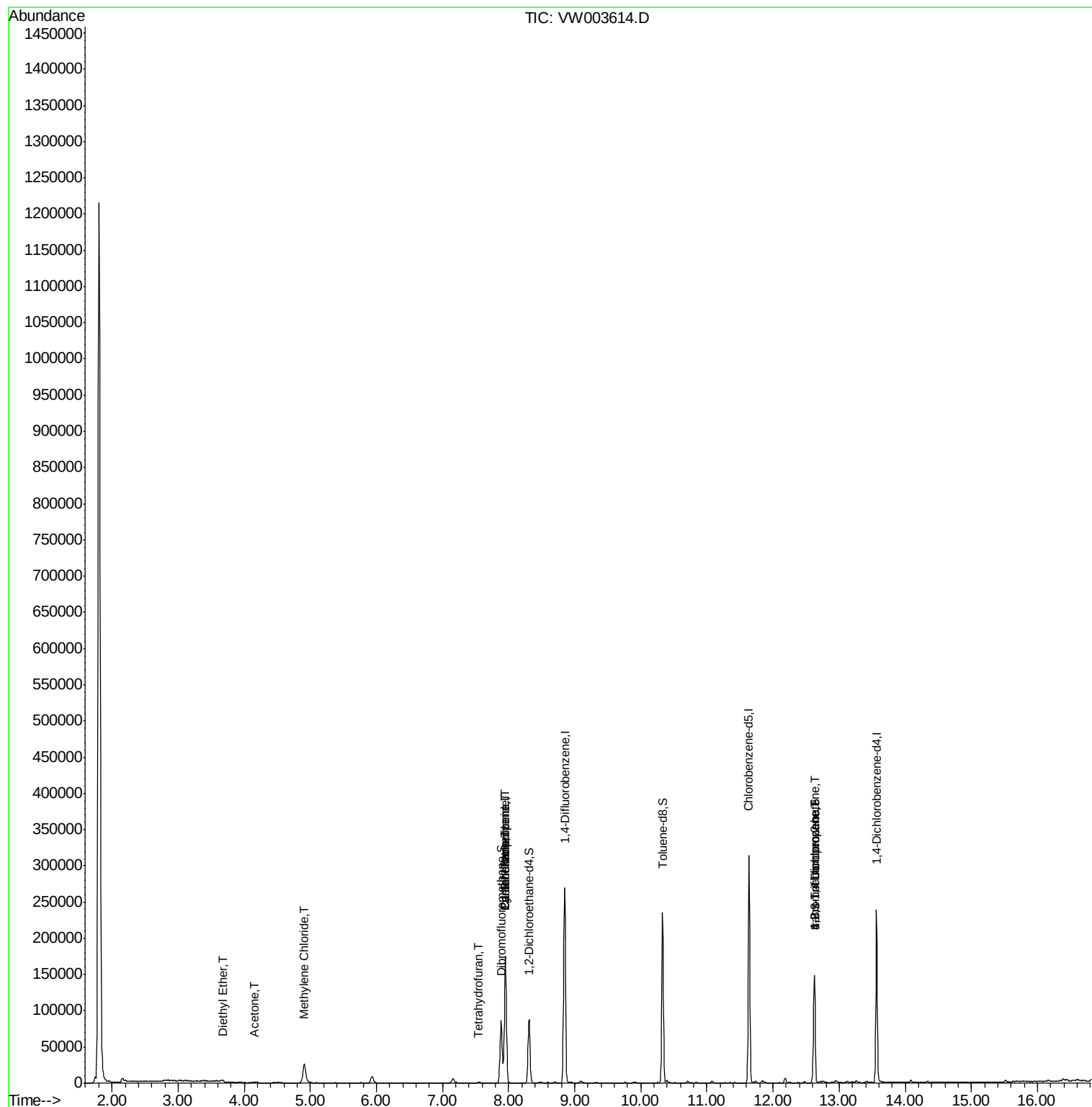
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1383	2.263	ug/l	76
16) Acetone	4.16	43	2500	8.825	ug/l	95
20) Methylene Chloride	4.91	84	18741	12.846	ug/l	92
29) Tetrahydrofuran	7.55	42	261	1.212	ug/l #	35
31) Cyclohexane	7.95	56	3588	1.644	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	10660	5.203	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12785	6.362	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	25420	51.667	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	25420	118.889	ug/l #	9

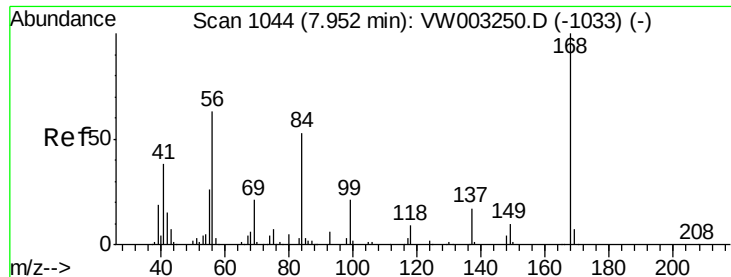
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 28 05:33:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003614.D

Acq: 27 Jun 2018 15:31

Instrument :

MSVOA_W

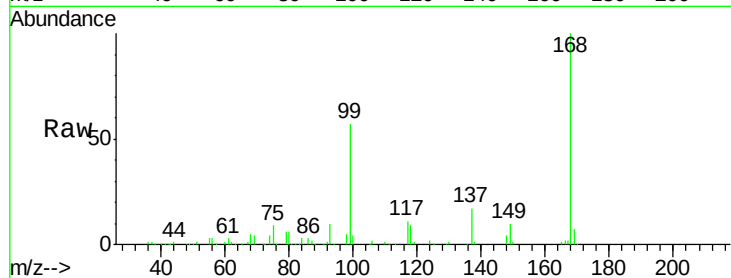
ClientSampled :

Tot Ion:168 Resp: 124701

Ion Ratio Lower Upper

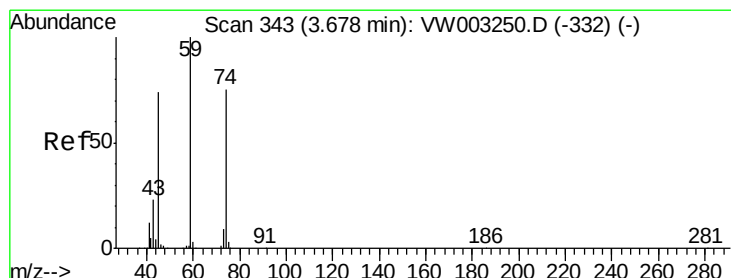
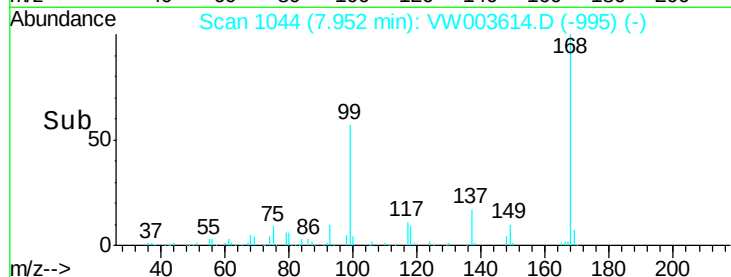
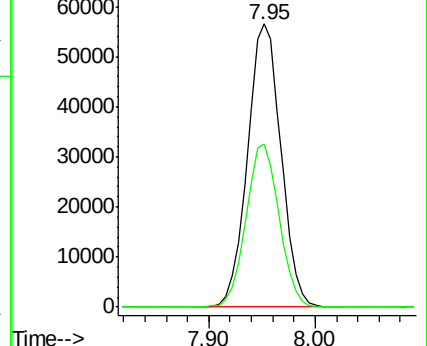
168 100

99 57.5 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: 2.263 ug/l

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW003614.D

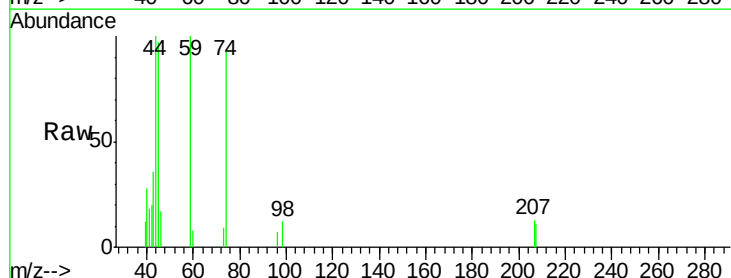
Acq: 27 Jun 2018 15:31

Tgt Ion: 74 Resp: 1383

Ion Ratio Lower Upper

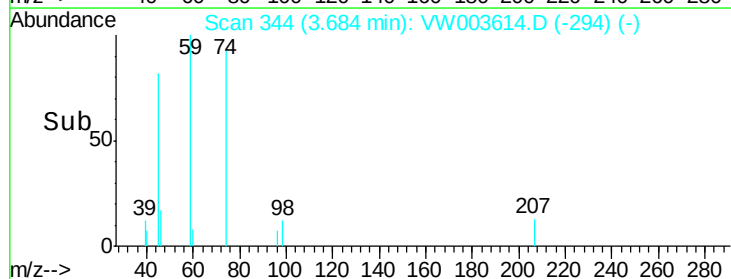
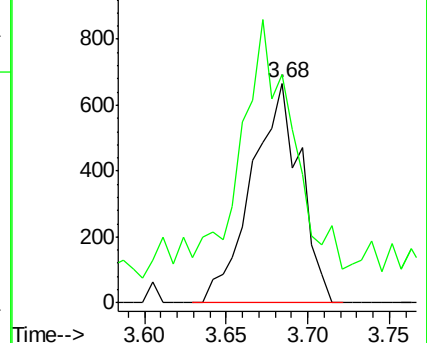
74 100

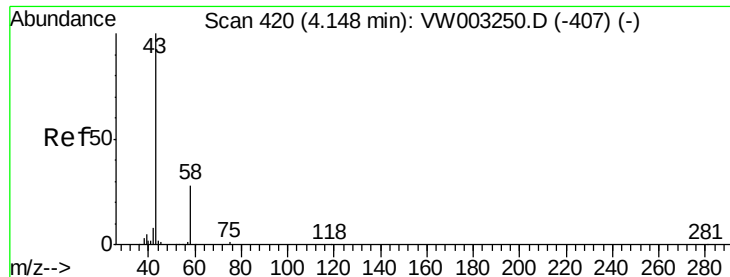
45 126.7 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

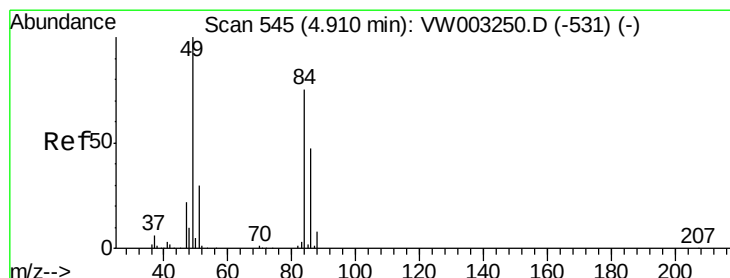
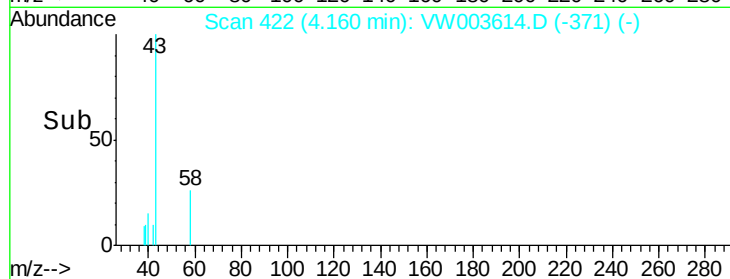
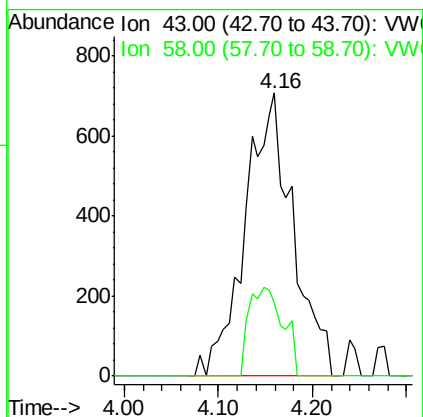
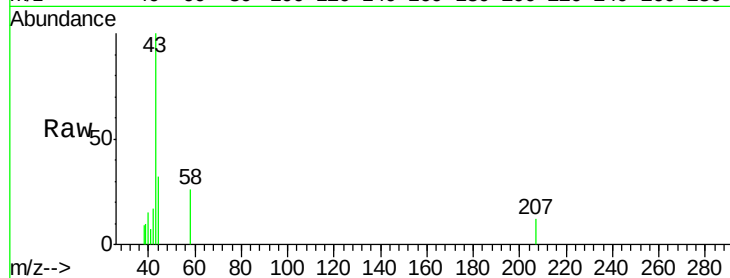




#16
Acetone
Concen: 8.825 ug/l
RT: 4.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VW003614.D
Acq: 27 Jun 2018 15:31

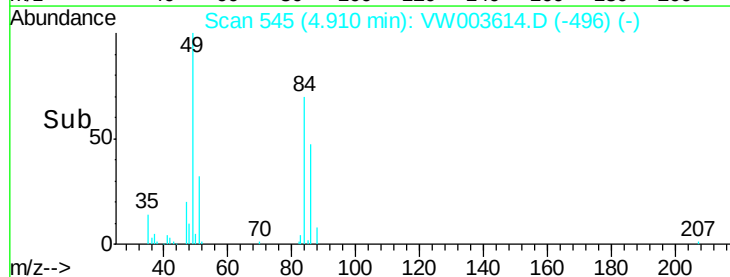
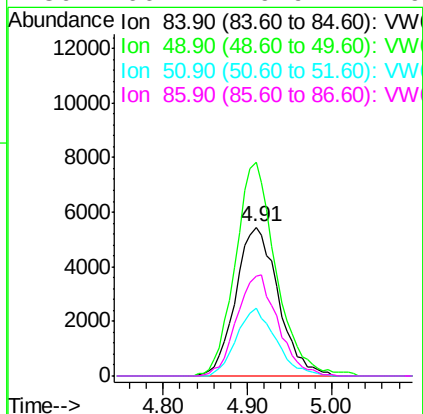
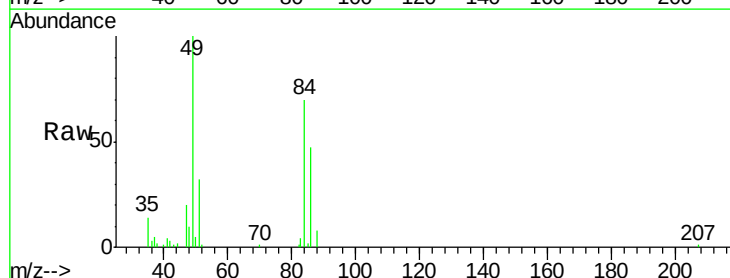
Instrument :
MSVOA_W
ClientSampleId :

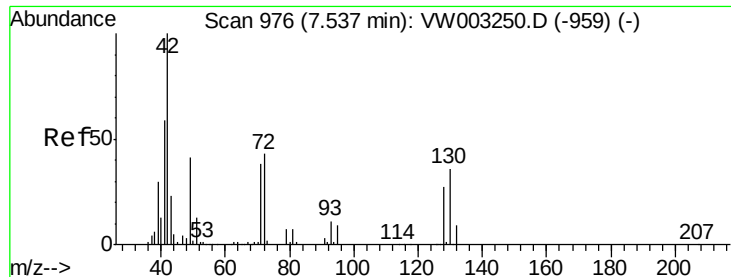
Tot Ion: 43 Resp: 2500
Ion Ratio Lower Upper
43 100
58 25.9 22.6 34.0



#20
Methylene Chloride
Concen: 12.846 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003614.D
Acq: 27 Jun 2018 15:31

Tgt Ion: 84 Resp: 18741
Ion Ratio Lower Upper
84 100
49 143.3 106.3 159.5
51 45.2 32.0 48.0
86 66.7 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.212 ug/l

RT: 7.55 min Scan# 978

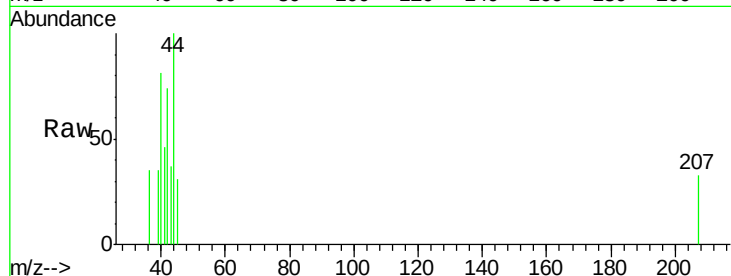
Delta R.T. 0.01 min

Lab File: VW003614.D

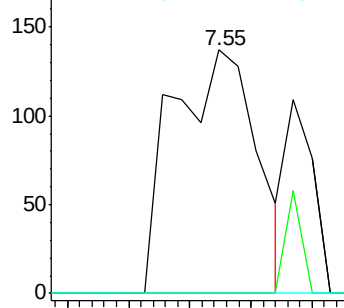
Acq: 27 Jun 2018 15:31

Instrument :
MSVOA_W
ClientSampleId :

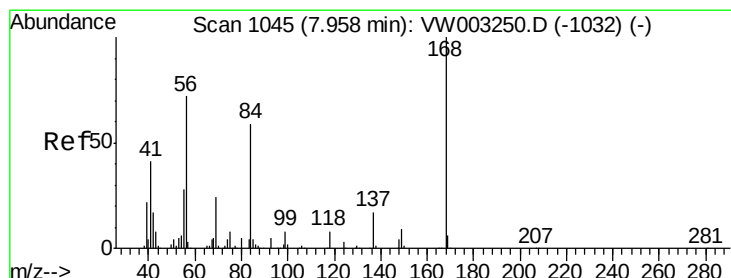
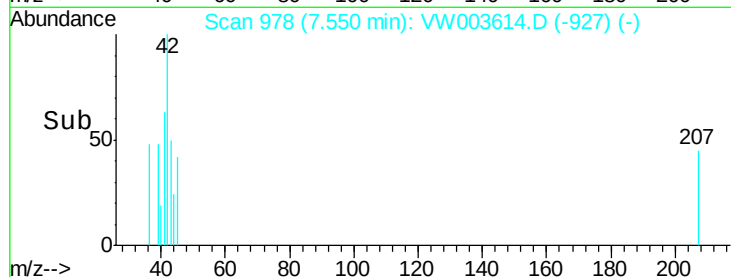
Tot Ion:	42	Resp:	261
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.4	48.6#
71	0.0	31.2	46.8#



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



Time--> 7.50 7.52 7.54 7.56 7.58



#31

Cyclohexane

Concen: 1.644 ug/l

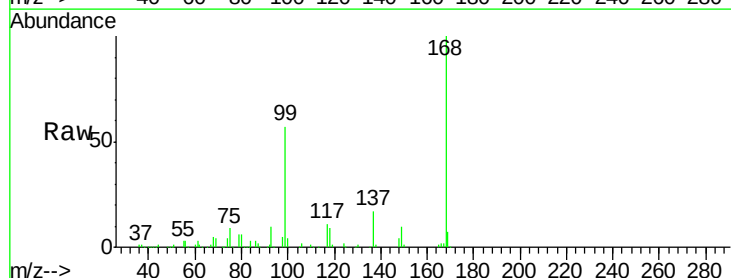
RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

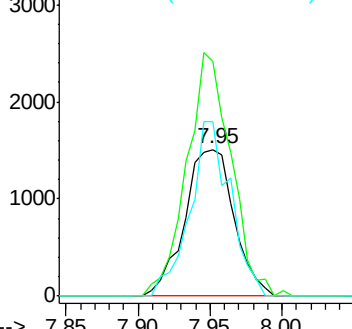
Lab File: VW003614.D

Acq: 27 Jun 2018 15:31

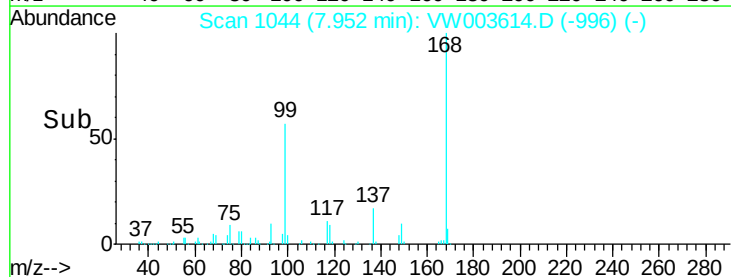
Tgt Ion:	56	Resp:	3588
Ion	Ratio	Lower	Upper
56	100		
69	159.6	26.3	39.5#
84	119.3	65.7	98.5#

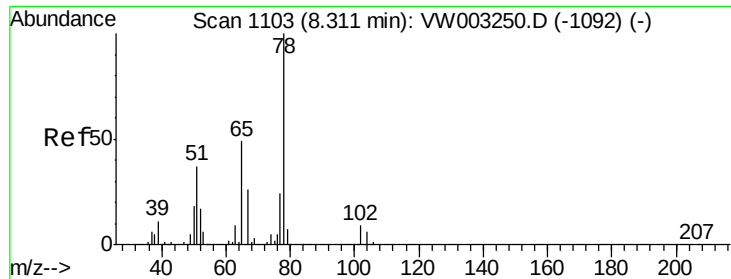


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time--> 7.85 7.90 7.95 8.00

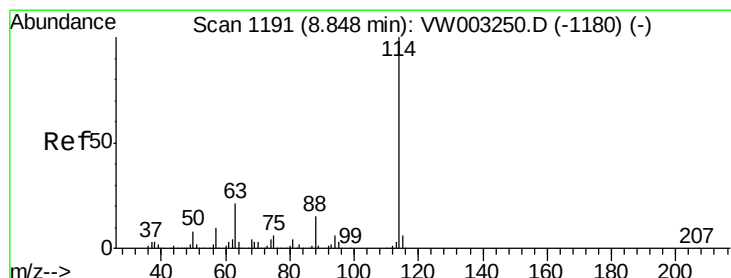
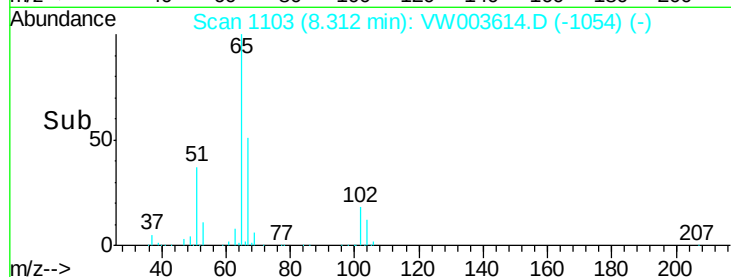
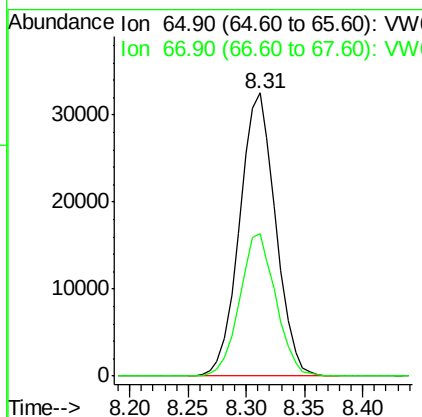
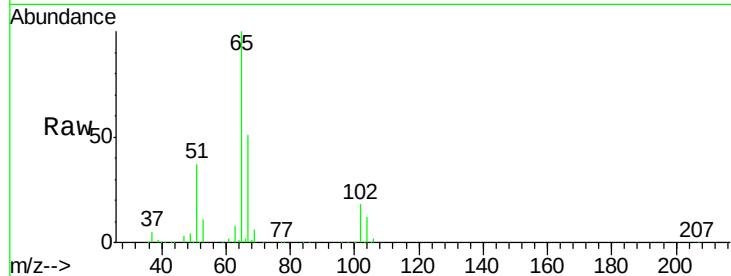




#33
 1,2-Dichloroethane-d4
 Concen: 51.914 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

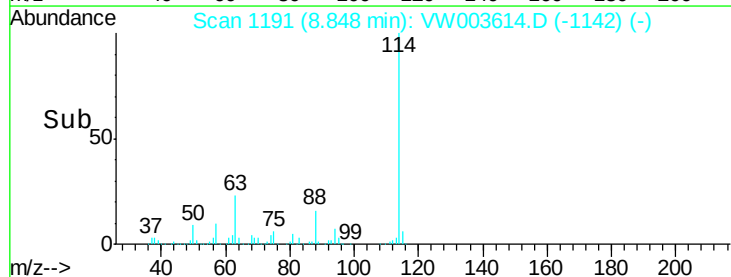
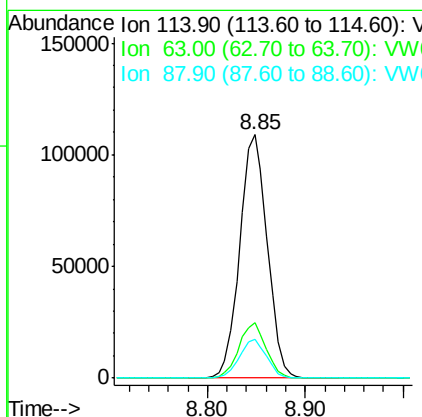
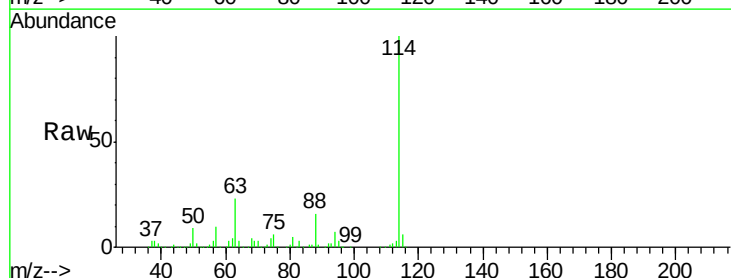
Instrument :
 MSVOA_W
 ClientSampleId :

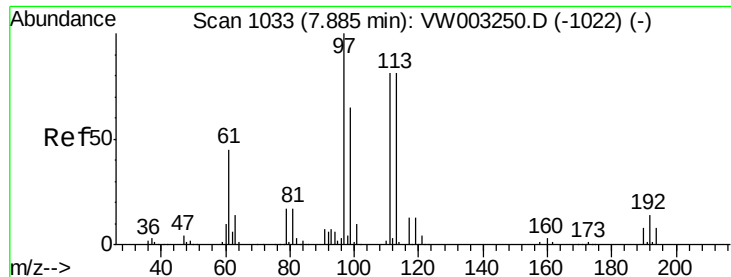
Tot Ion: 65 Resp: 70121
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

Tgt Ion: 114 Resp: 212149
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.0
 88 15.9 0.0 29.6

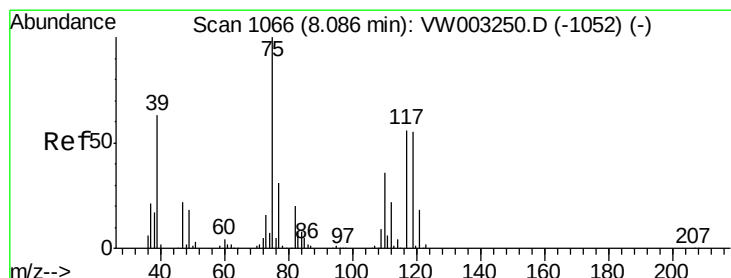
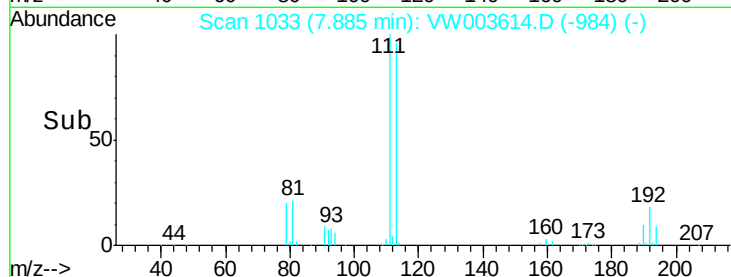
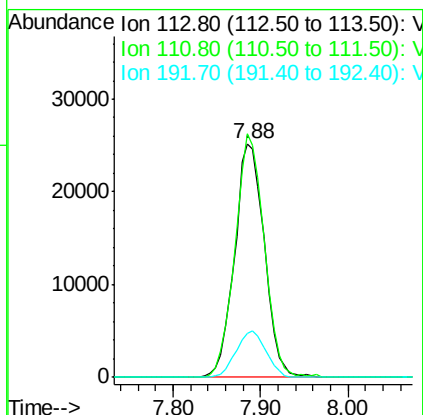
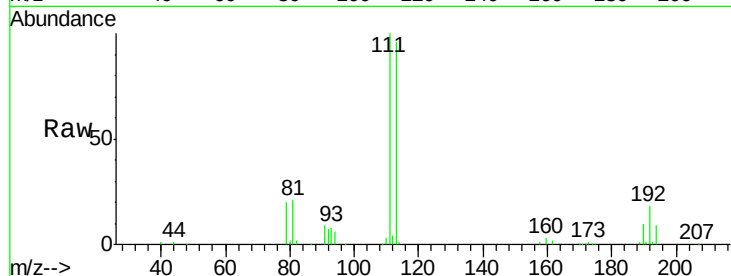




#35
 Dibromofluoromethane
 Concen: 45.331 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

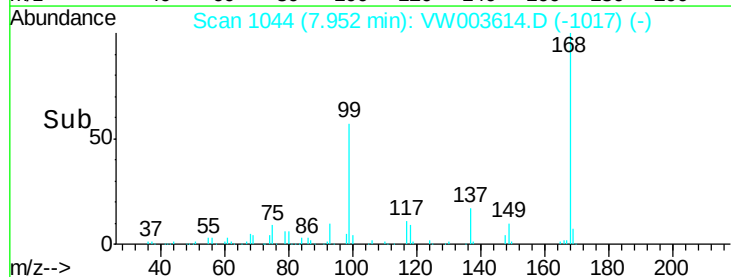
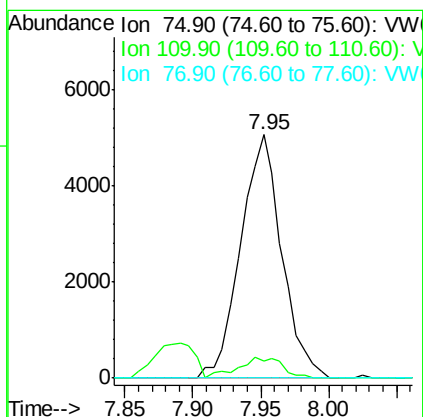
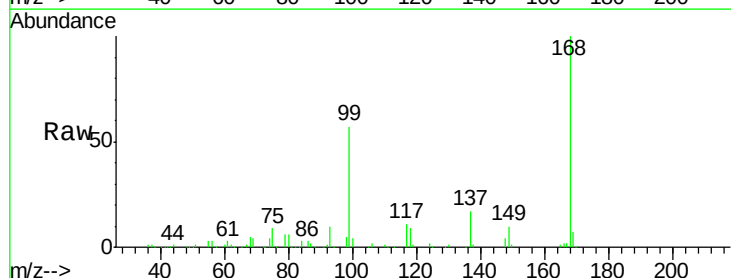
Instrument :
 MSVOA_W
 ClientSampleId :

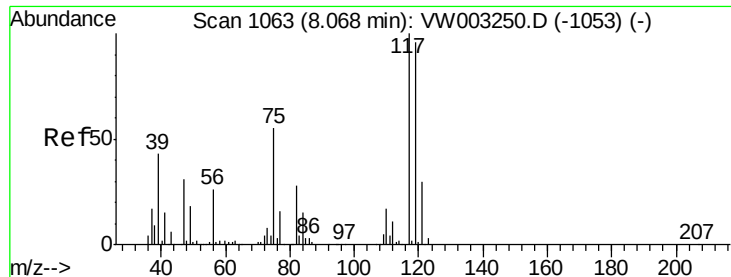
Tot Ion:113 Resp: 59757
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.203 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

Tgt Ion: 75 Resp: 10660
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003614.D

Acq: 27 Jun 2018 15:31

Instrument :
MSVOA_W
ClientSampled :

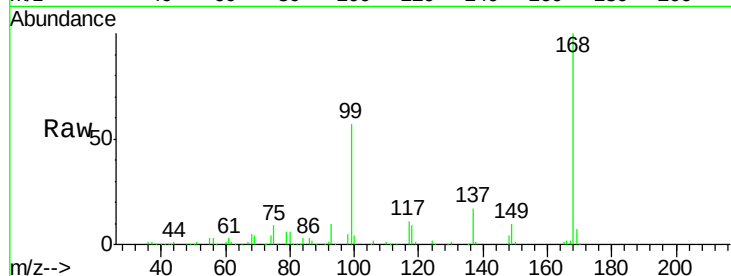
Tot Ion:117 Resp: 12785

Ion Ratio Lower Upper

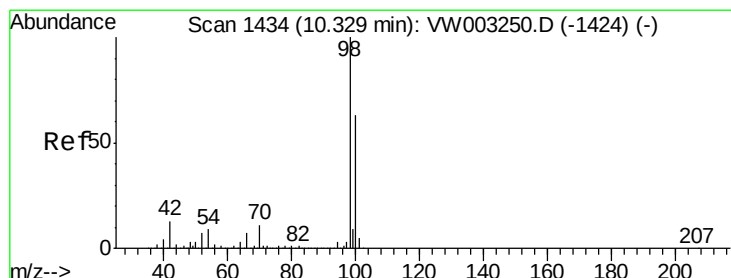
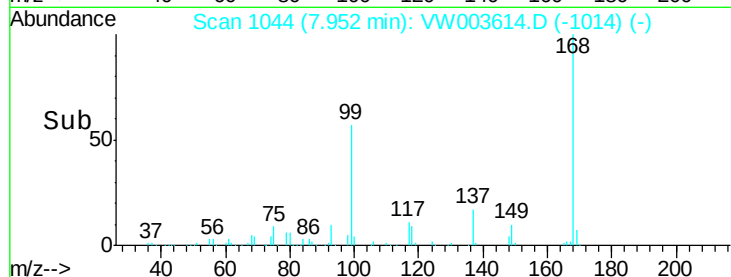
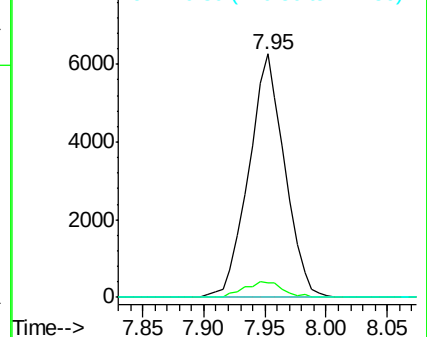
117 100

119 5.7 76.6 115.0#

121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 28.651 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003614.D

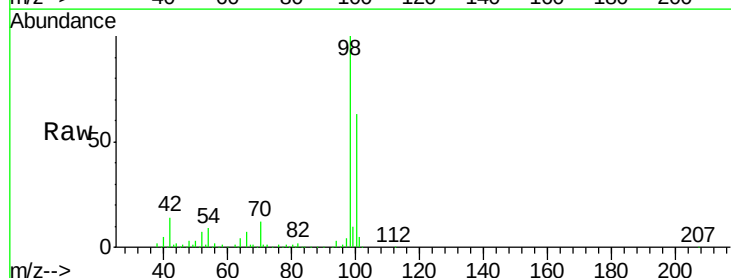
Acq: 27 Jun 2018 15:31

Tgt Ion: 98 Resp: 149762

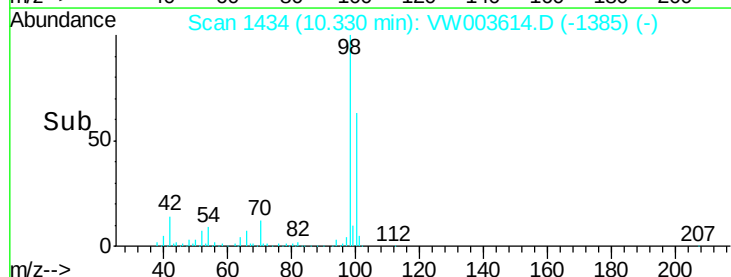
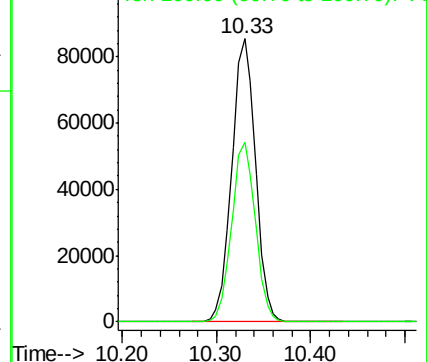
Ion Ratio Lower Upper

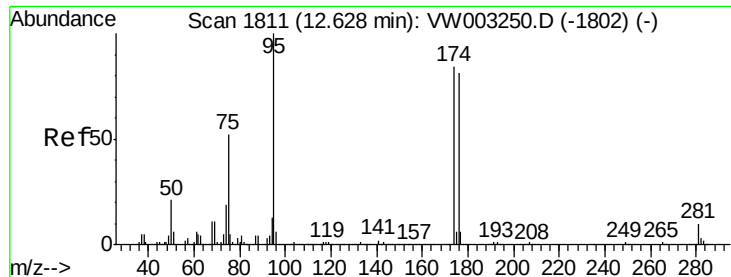
98 100

100 63.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 24.492 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003614.D

Acq: 27 Jun 2018 15:31

Instrument :

MSVOA_W

ClientSampleId :

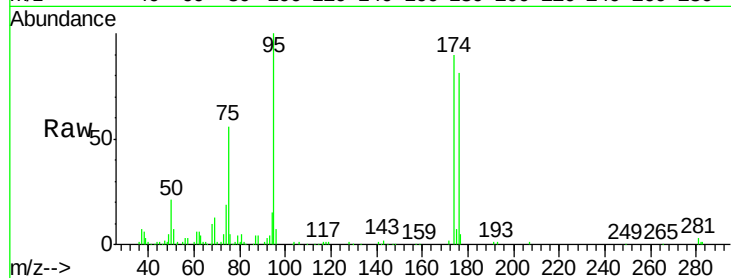
Tot Ion: 95 Resp: 45306

Ion Ratio Lower Upper

95 100

174 84.6 0.0 166.4

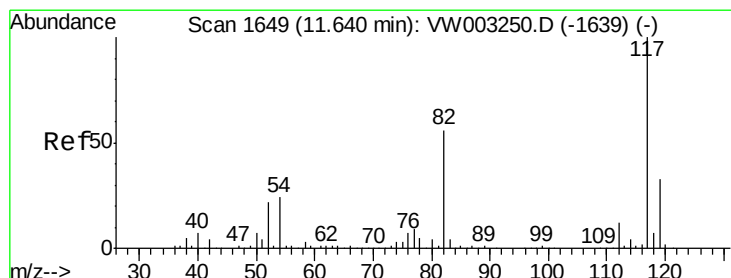
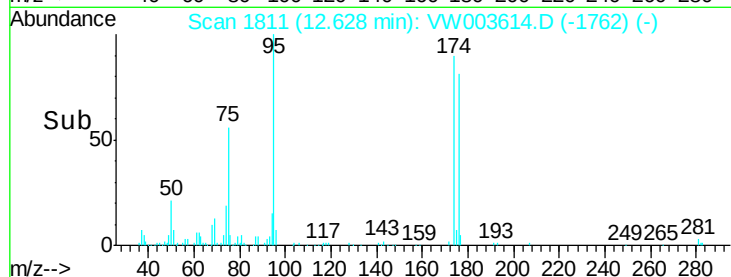
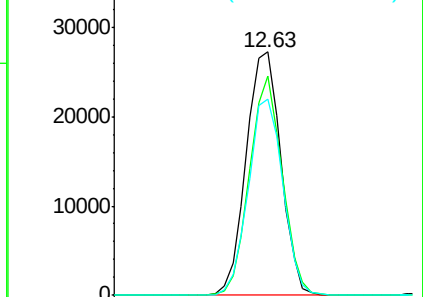
176 80.3 0.0 162.0



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: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003614.D

Acq: 27 Jun 2018 15:31

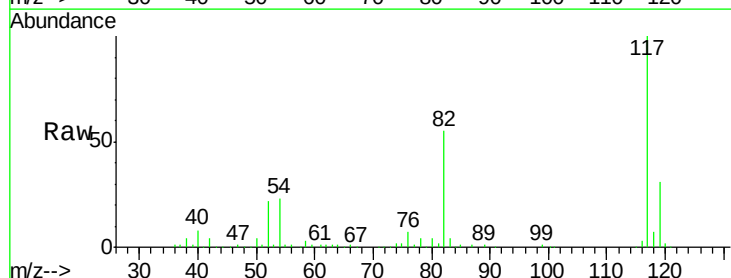
Tgt Ion: 117 Resp: 167648

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

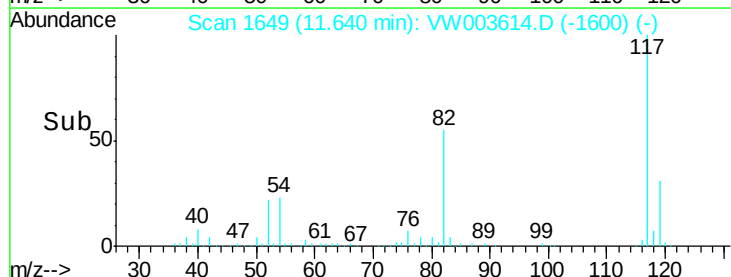
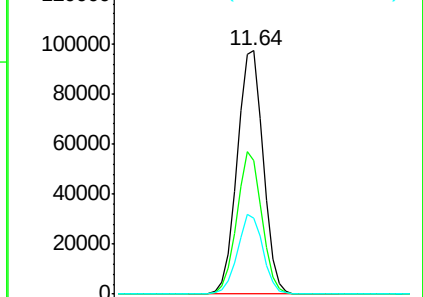
119 31.2 26.7 40.1

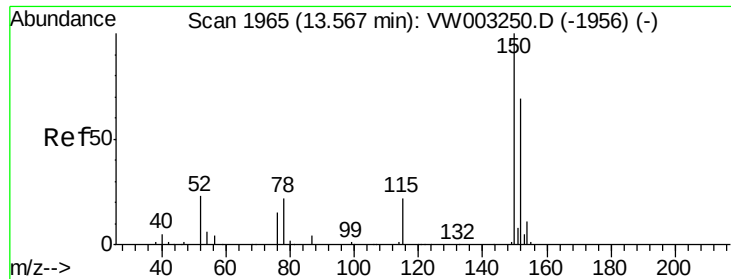


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

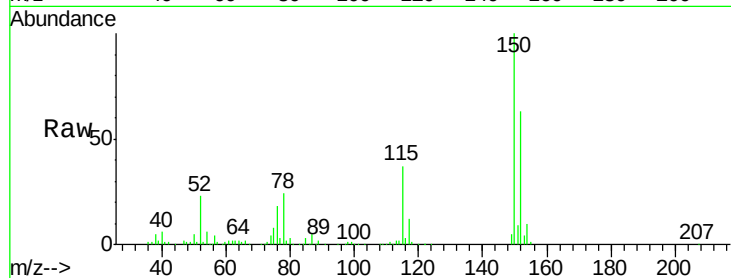




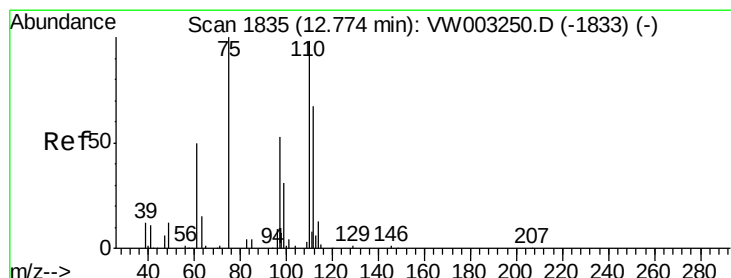
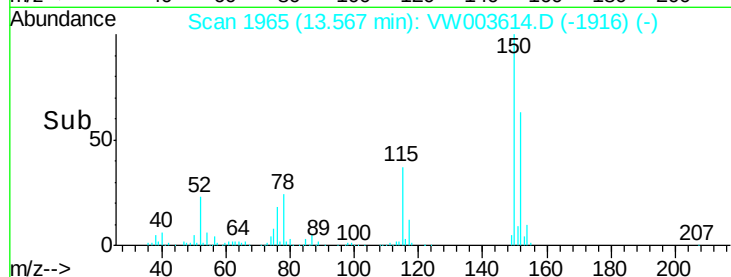
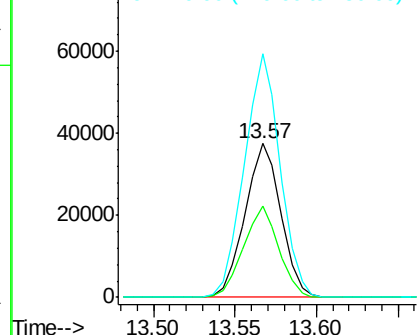
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:152 Resp: 57551
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.3 88.0
 150 157.3 0.0 349.6

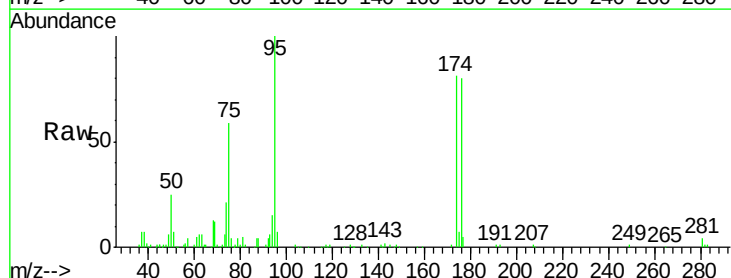


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

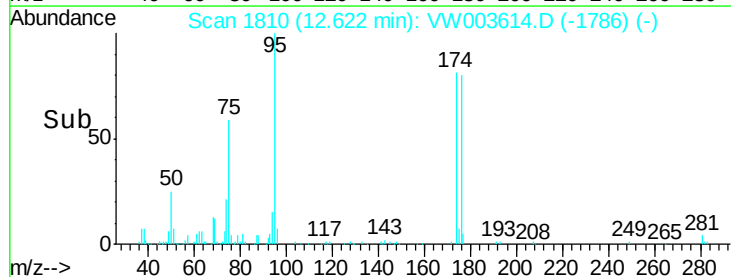
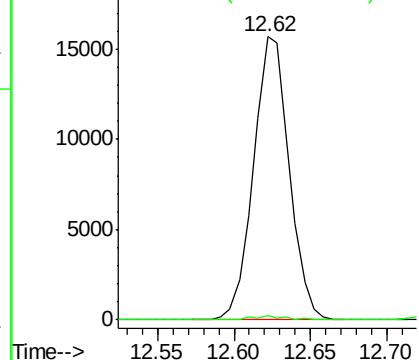


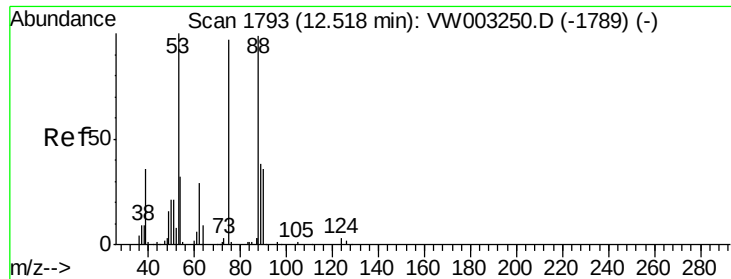
#76
 1,2,3-Trichloropropane
 Concen: 51.667 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003614.D
 Acq: 27 Jun 2018 15:31

Tgt Ion: 75 Resp: 25420
 Ion Ratio Lower Upper
 75 100
 77 1.3 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: 118.889 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003614.D

Acq: 27 Jun 2018 15:31

Instrument :

MSVOA_W

ClientSampleId :

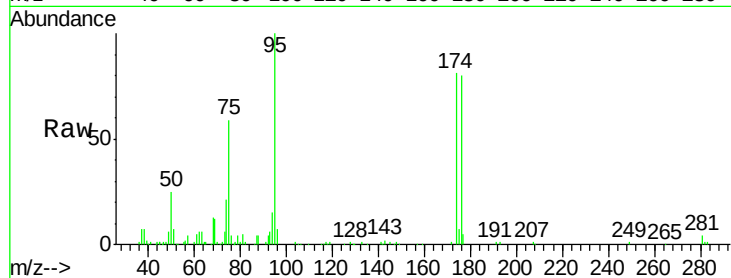
Tot Ion: 75 Resp: 25420

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.0 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

