

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003627.D
 Acq On : 27 Jun 2018 21:07
 Operator : SY/AP
 Sample : J3709-03
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:35:14 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	30637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	45171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	35305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	17778	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	15378	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	10.33	98	33832	30.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.80%	
62) 4-Bromofluorobenzene	12.63	95	9015	22.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.78%	

Target Compounds

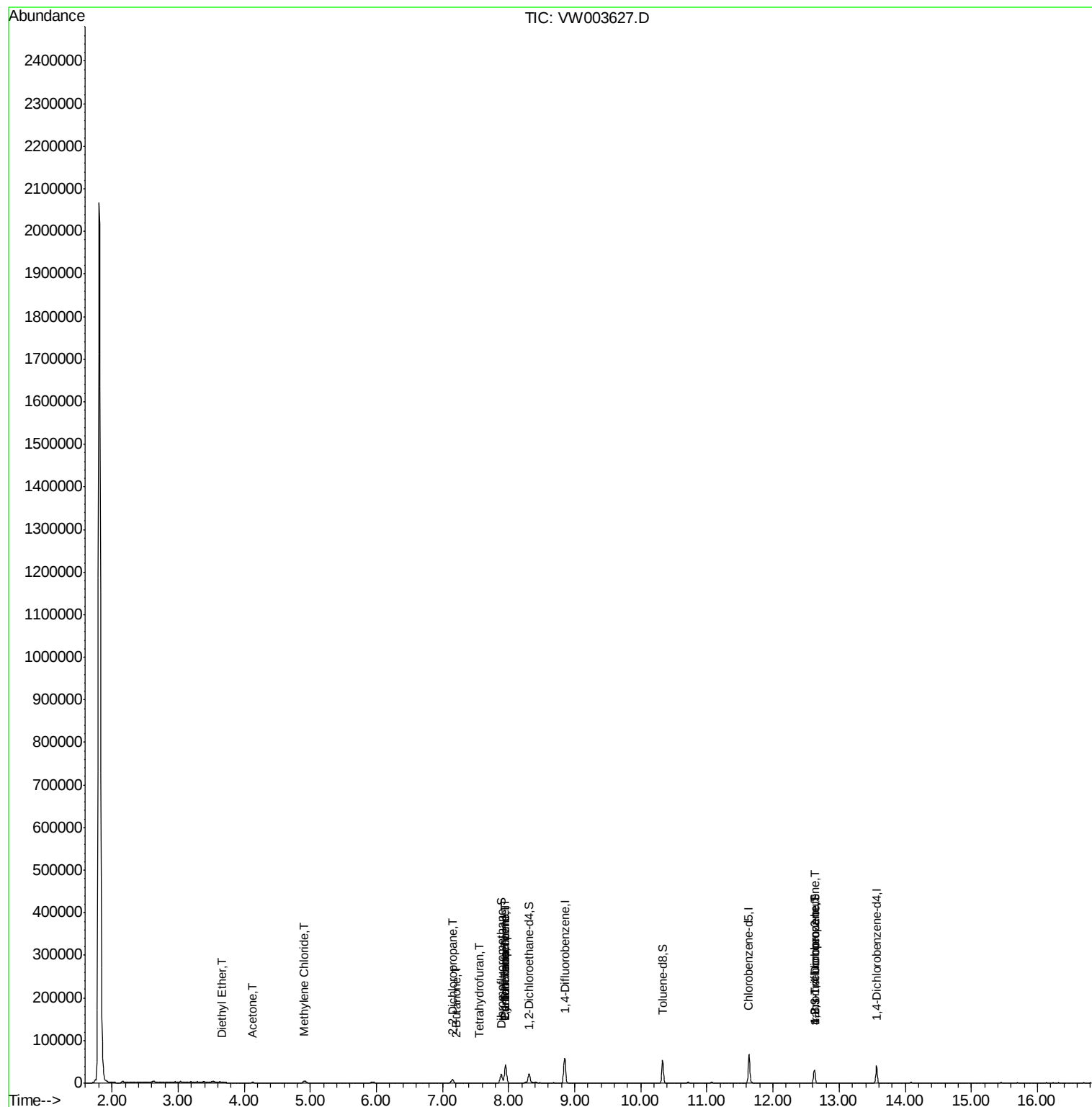
					Qvalue	
8) Diethyl Ether	3.67	74	224	1.492	ug/l	93
16) Acetone	4.12	43	2375	34.125	ug/l #	76
20) Methylene Chloride	4.90	84	3338	8.223	ug/l	93
25) 2-Butanone	7.21	43	140	1.618	ug/l #	50
26) 2,2-Dichloropropane	7.16	77	552	1.441	ug/l #	53
29) Tetrahydrofuran	7.56	42	186	3.517	ug/l #	46
31) Cyclohexane	7.95	56	881	1.643	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	2733	6.265	ug/l #	50
38) Carbon Tetrachloride	7.96	117	3209	7.499	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	4806	53.424	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4806	122.932	ug/l #	8

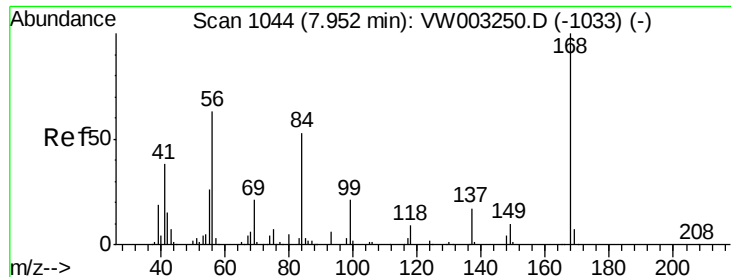
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003627.D
Acq On : 27 Jun 2018 21:07
Operator : SY/AP
Sample : J3709-03
Misc : 4.55G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 28 05:35:14 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: VW003627.D

Acq: 27 Jun 2018 21:07

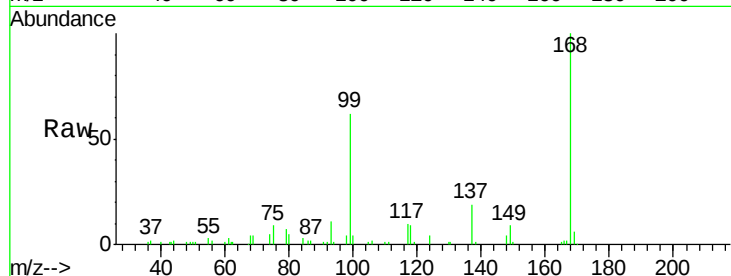
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 30637

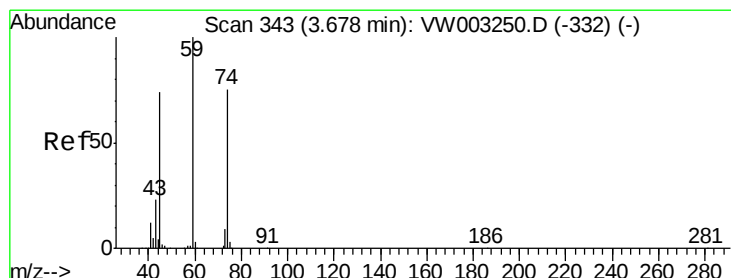
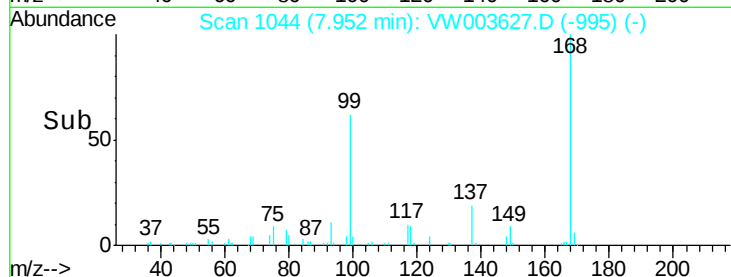
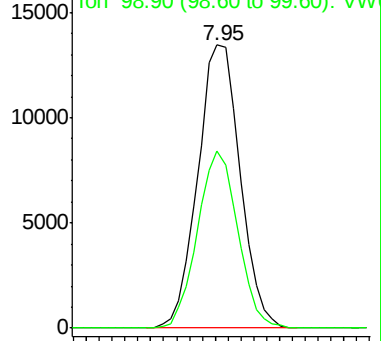
Ion Ratio Lower Upper

168 100

99 62.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V



#8

Diethyl Ether

Concen: 1.492 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.01 min

Lab File: VW003627.D

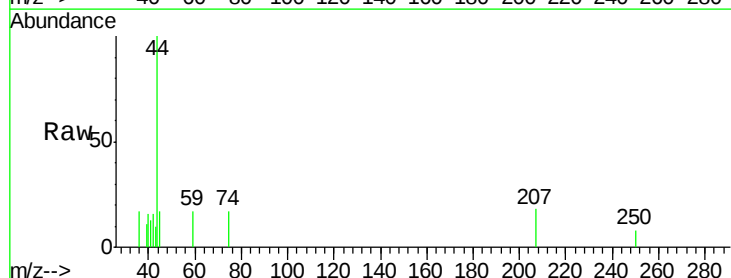
Acq: 27 Jun 2018 21:07

Tgt Ion: 74 Resp: 224

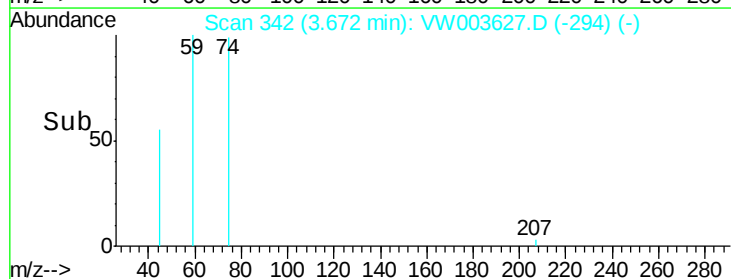
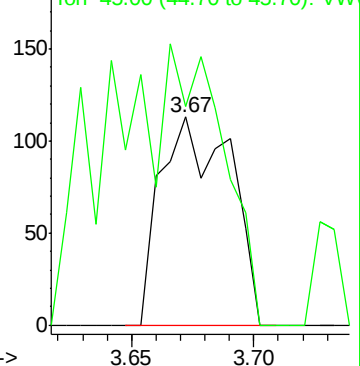
Ion Ratio Lower Upper

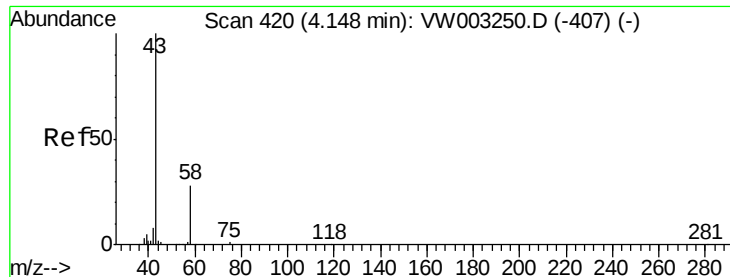
74 100

45 110.3 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW





#16

Acetone

Concen: 34.125 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Instrument :

MSVOA_W

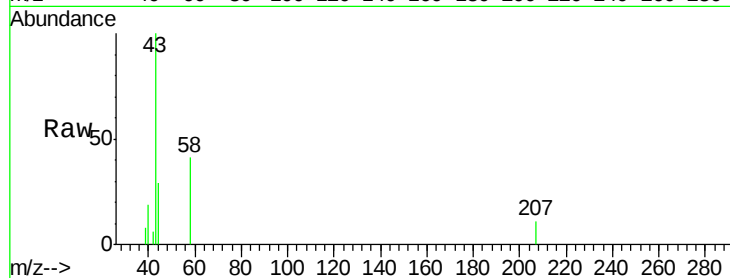
ClientSampled :

Tot Ion: 43 Resp: 2375

Ion Ratio Lower Upper

43 100

58 41.2 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

600

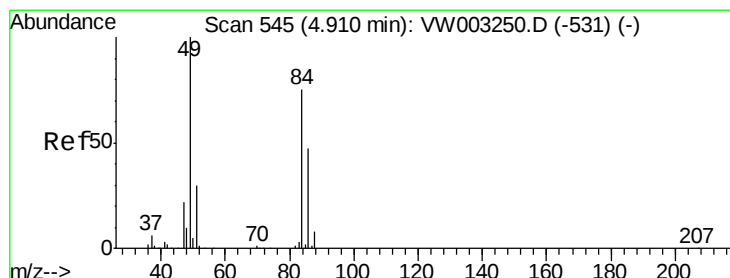
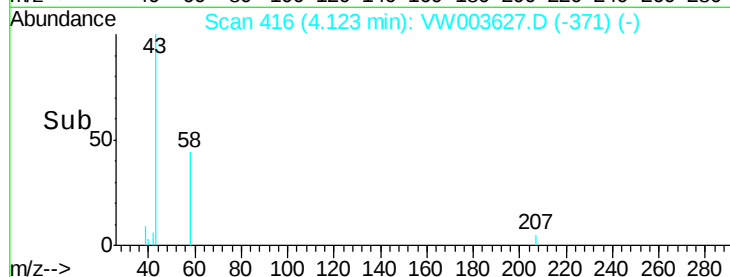
400

200

0

4.05 4.10 4.15 4.20 4.25

Time-->



#20

Methylene Chloride

Concen: 8.223 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Tgt Ion: 84 Resp: 3338

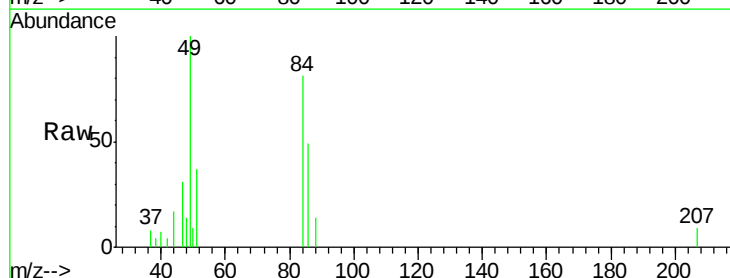
Ion Ratio Lower Upper

84 100

49 123.6 106.3 159.5

51 45.9 32.0 48.0

86 60.2 49.9 74.9



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

2000

1500

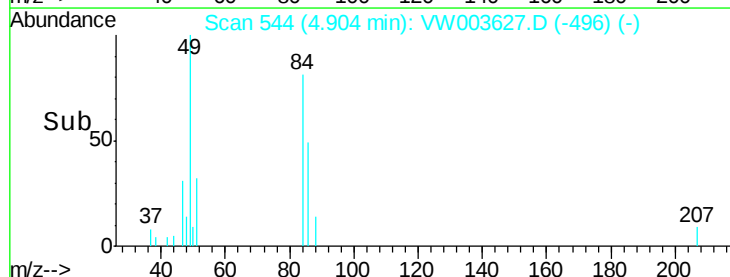
1000

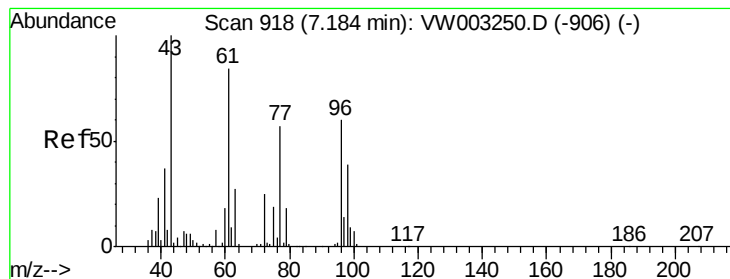
500

0

4.80 4.85 4.90 4.95 5.00

Time-->





#25

2-Butanone

Concen: 1.618 ug/l

RT: 7.21 min Scan# 922

Delta R.T. 0.02 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

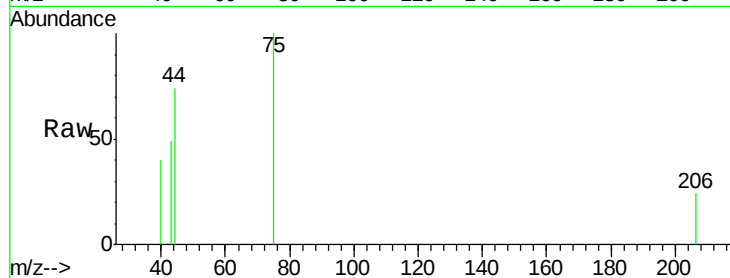
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 140

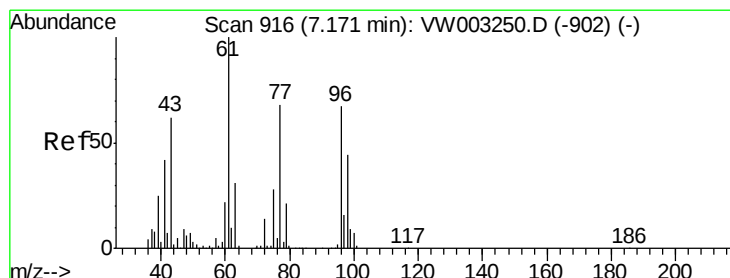
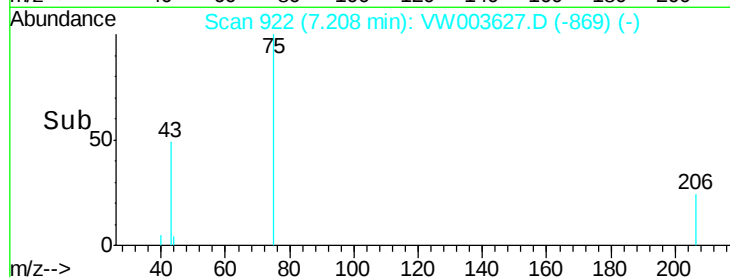
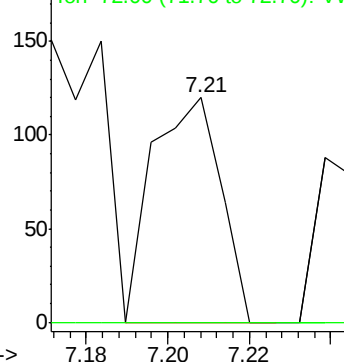
Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.441 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003627.D

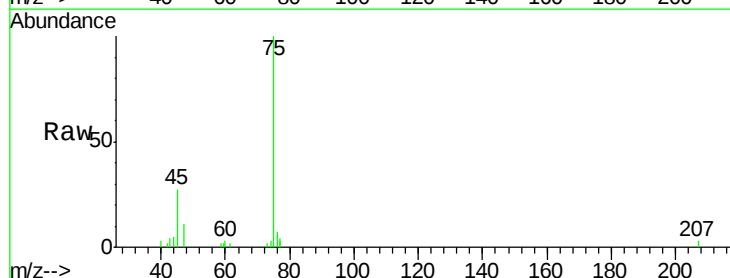
Acq: 27 Jun 2018 21:07

Tgt Ion: 77 Resp: 552

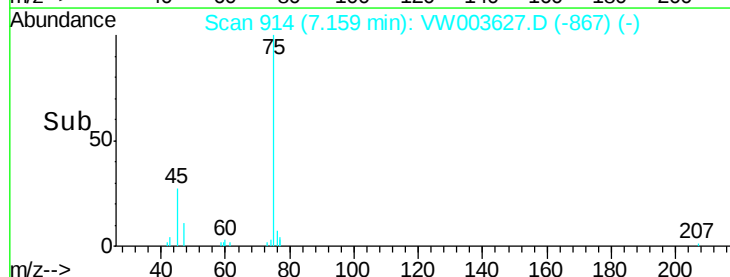
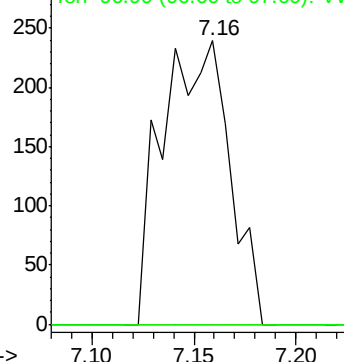
Ion Ratio Lower Upper

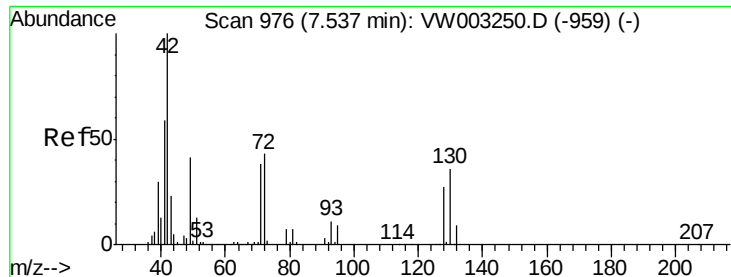
77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

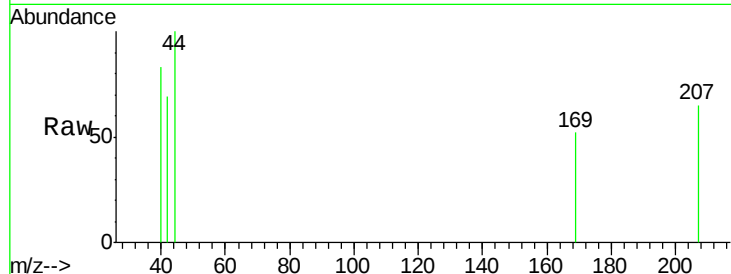




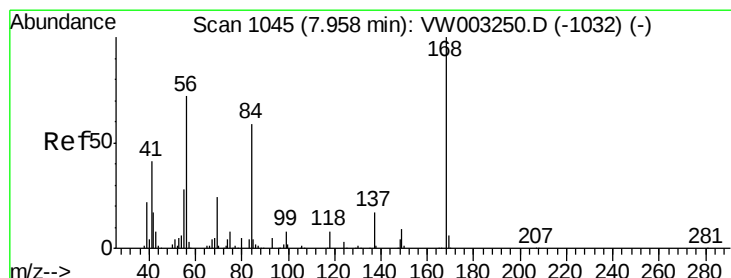
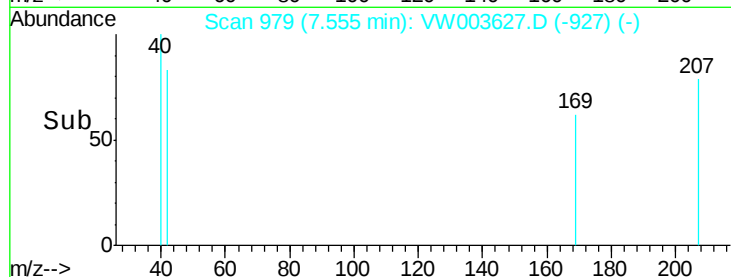
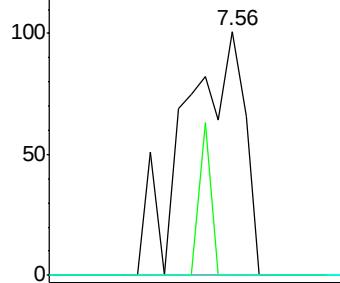
#29
Tetrahydrofuran
Concen: 3.517 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 186
Ion Ratio Lower Upper
42 100
72 12.4 32.4 48.6#
71 0.0 31.2 46.8#

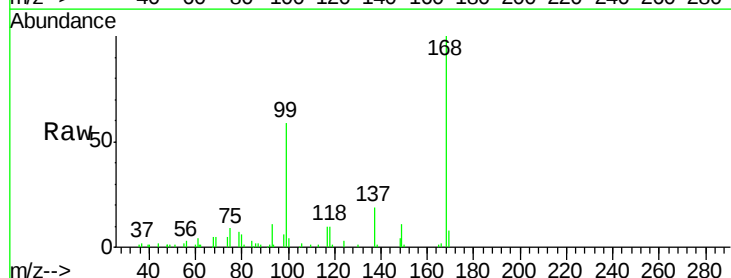


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

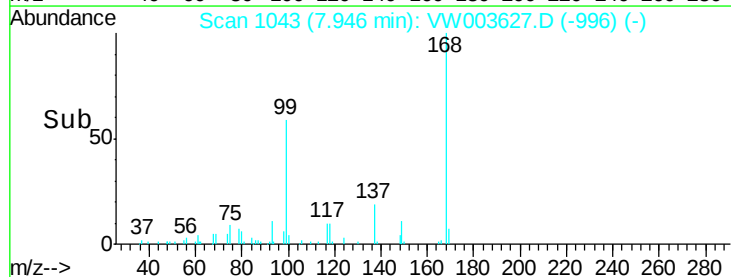
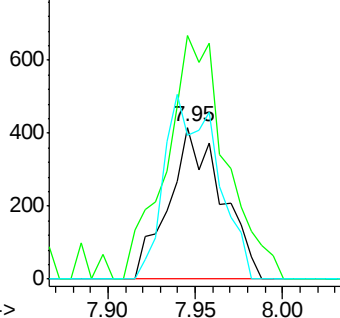


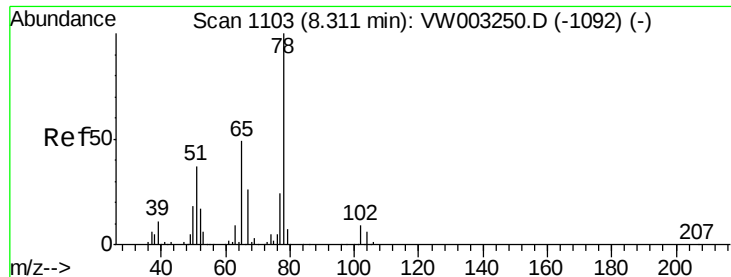
#31
Cyclohexane
Concen: 1.643 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Tgt Ion: 56 Resp: 881
Ion Ratio Lower Upper
56 100
69 160.2 26.3 39.5#
84 94.2 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





#33

1,2-Dichloroethane-d4

Concen: 53.573 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

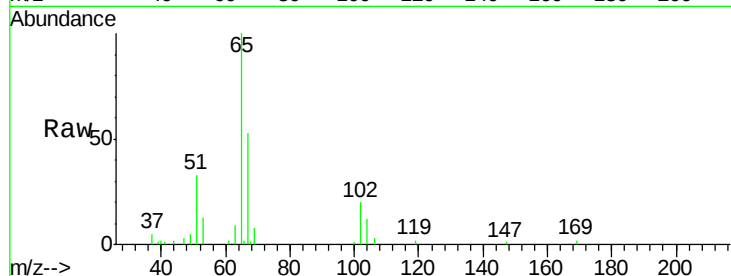
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 17778

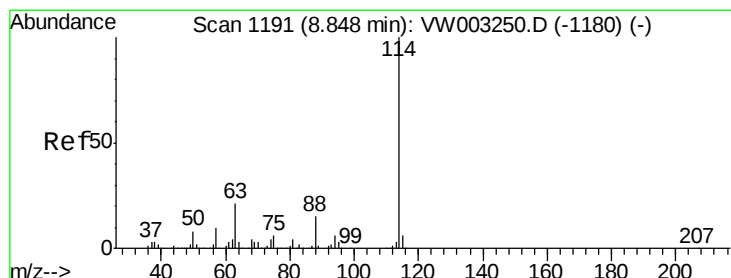
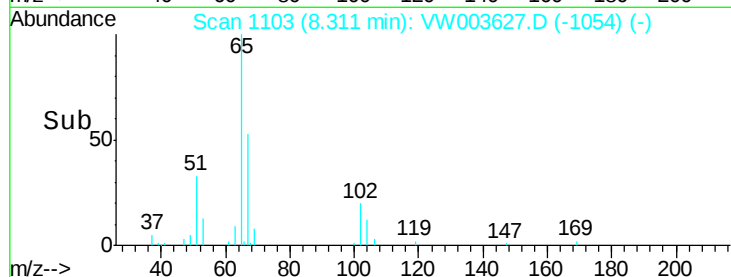
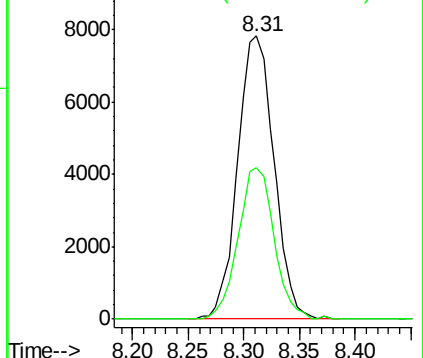
Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.2



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: VW003627.D

Acq: 27 Jun 2018 21:07

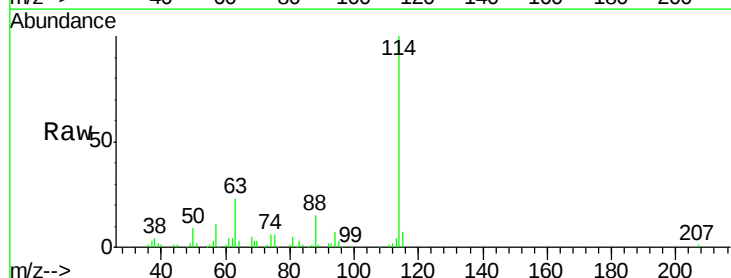
Tgt Ion: 114 Resp: 45171

Ion Ratio Lower Upper

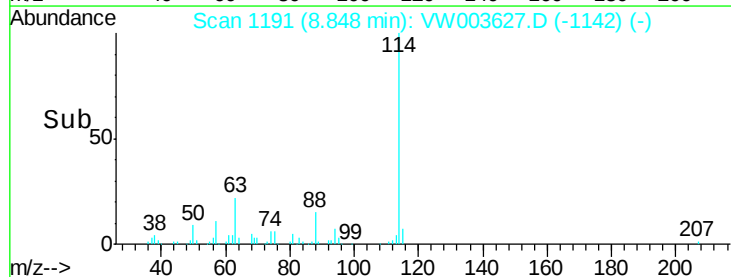
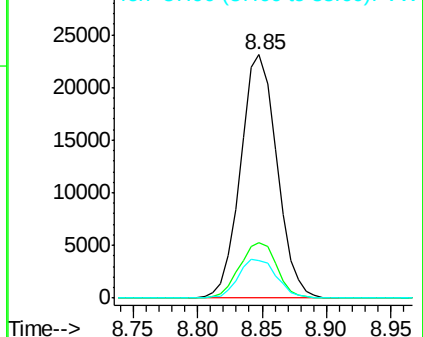
114 100

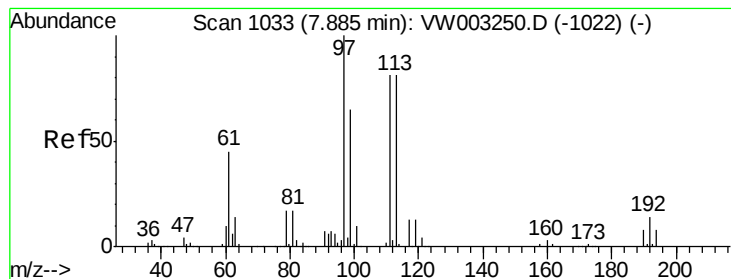
63 22.6 0.0 43.0

88 15.3 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: 54.788 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Instrument :
MSVOA_W
ClientSampleId :

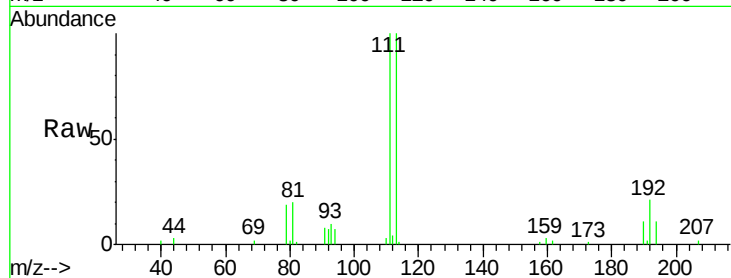
Tot Ion:113 Resp: 15378

Ion Ratio Lower Upper

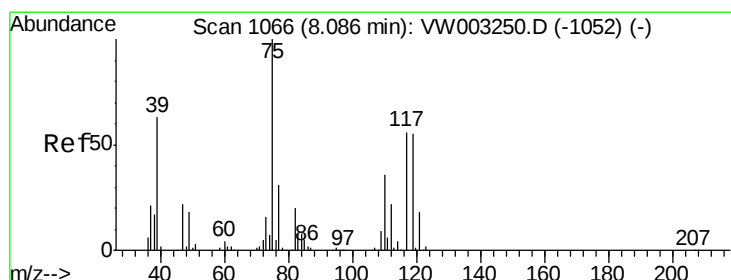
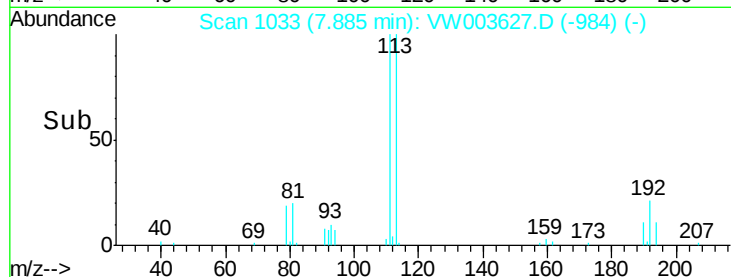
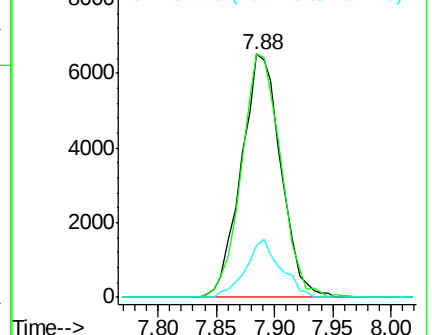
113 100

111 98.8 82.2 123.2

192 21.0 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: 6.265 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

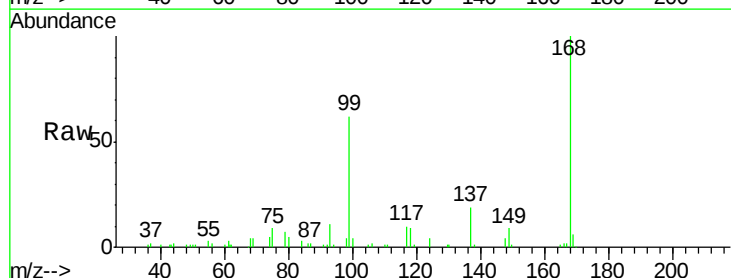
Tgt Ion: 75 Resp: 2733

Ion Ratio Lower Upper

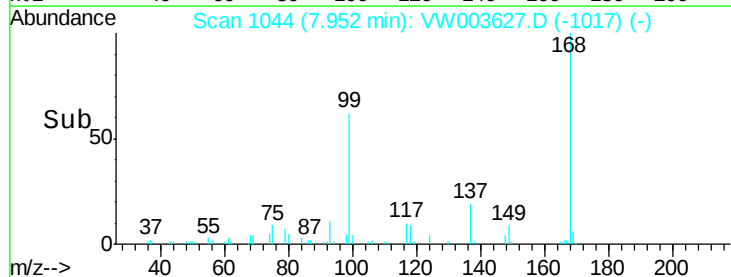
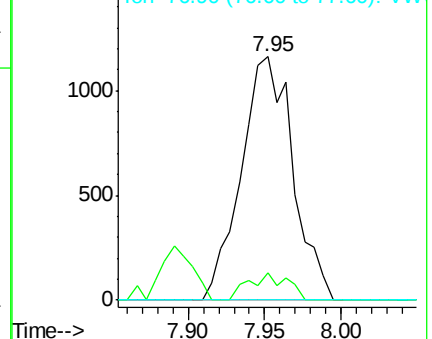
75 100

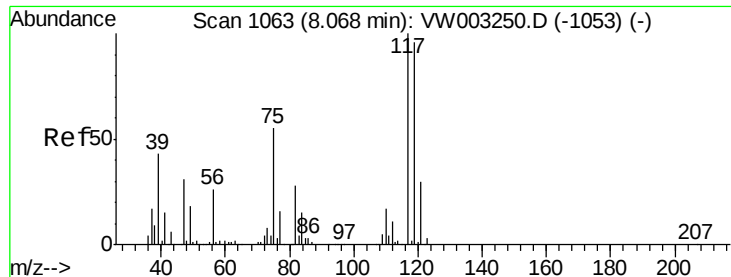
110 8.3 17.1 51.3#

77 0.0 24.9 37.3#



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

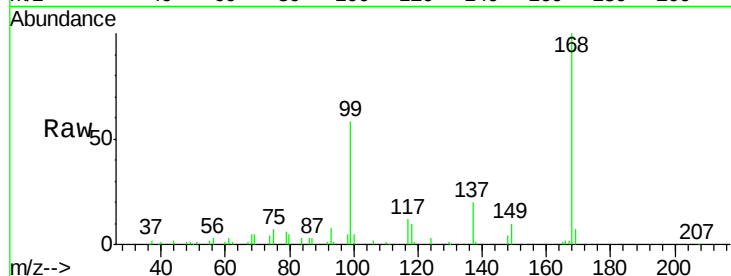




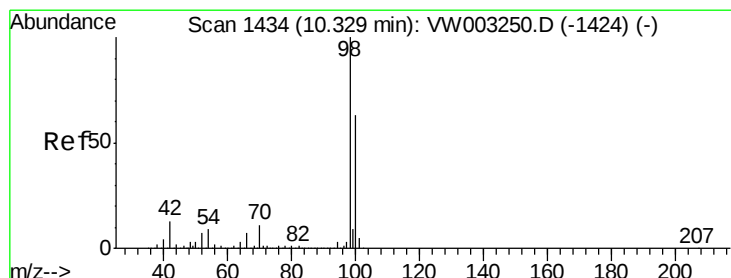
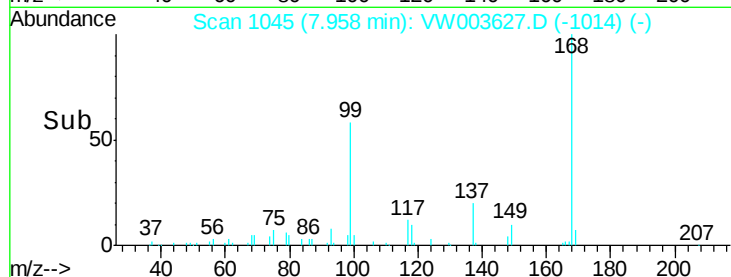
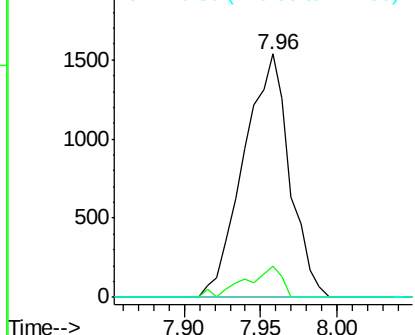
#38
Carbon Tetrachloride
Concen: 7.499 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.11 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 3209
Ion Ratio Lower Upper
117 100
119 12.7 76.6 115.0#
121 0.0 23.9 35.9#

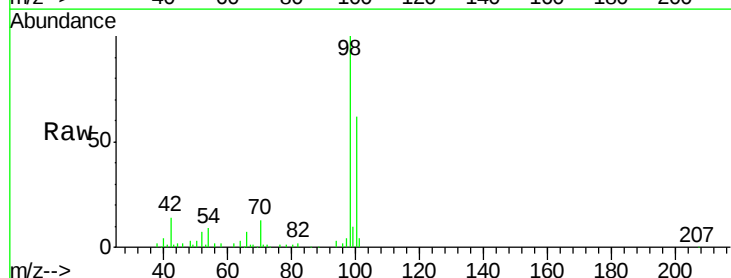


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

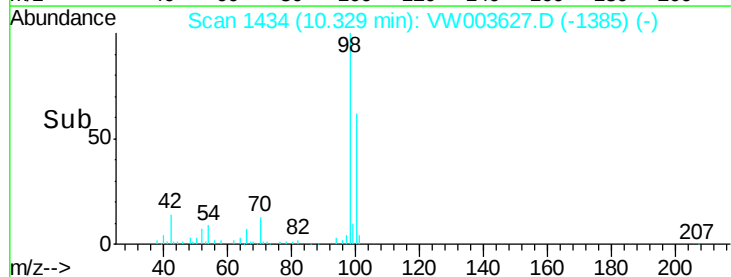
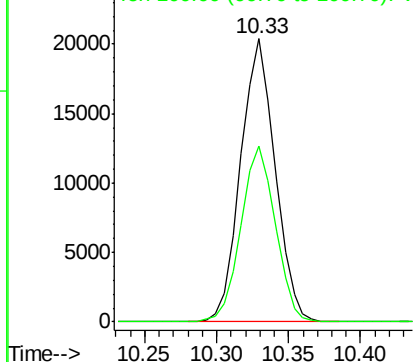


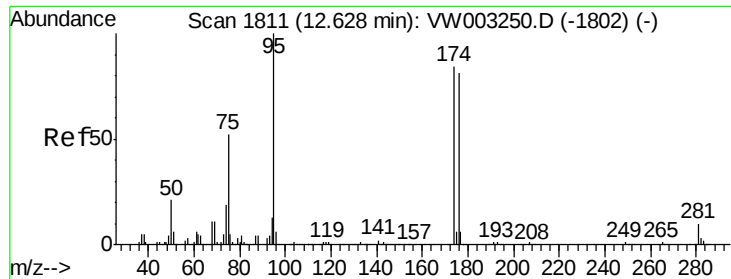
#50
Toluene-d8
Concen: 30.398 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Tgt Ion: 98 Resp: 33832
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2



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

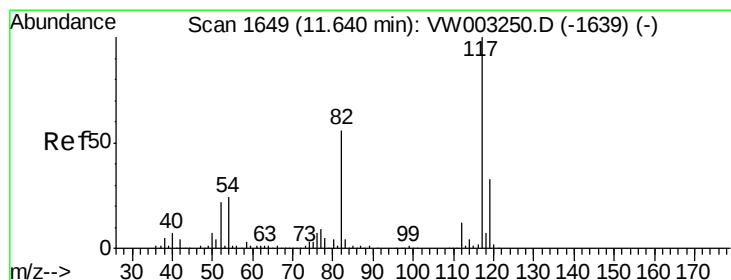
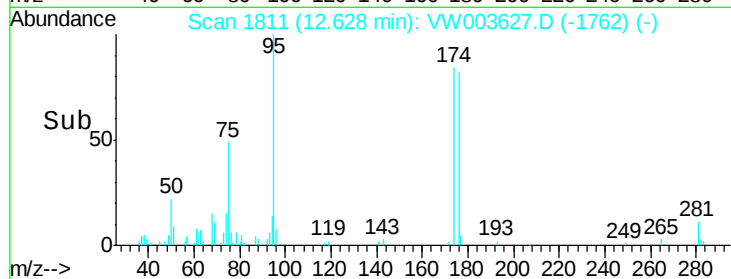
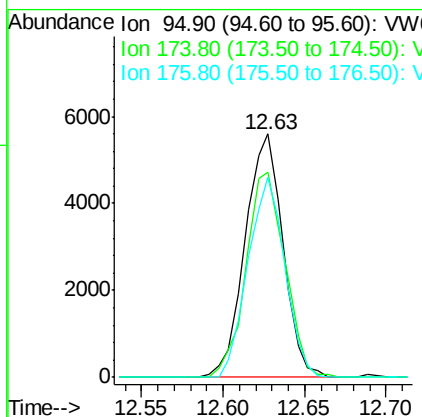
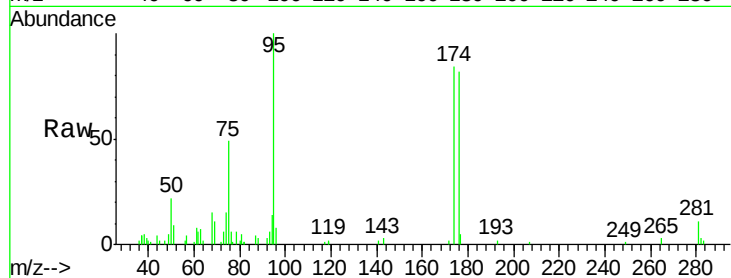




#62
4-Bromofluorobenzene
Concen: 22.889 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

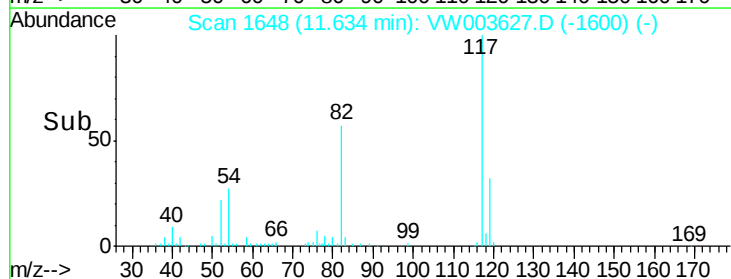
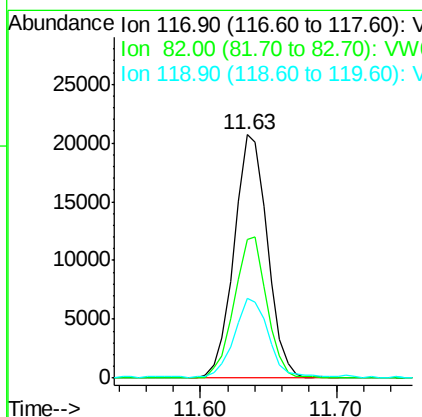
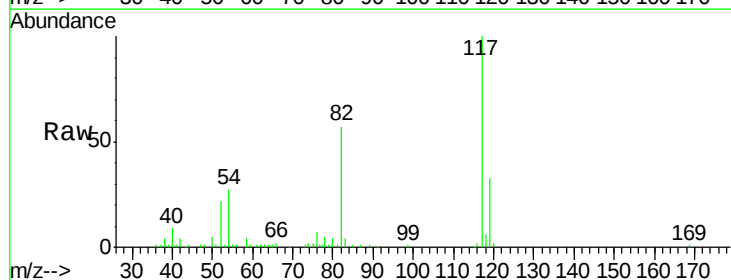
Instrument :
MSVOA_W
ClientSampleId :

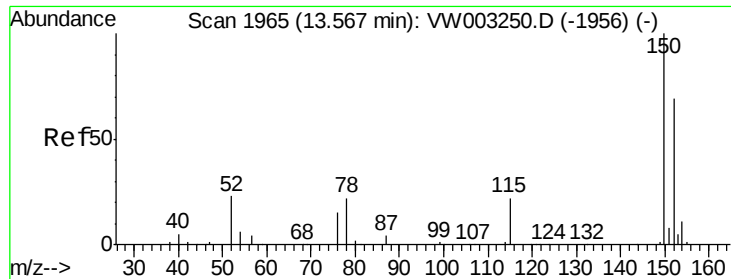
Tot Ion: 95 Resp: 9015
Ion Ratio Lower Upper
95 100
174 86.9 0.0 166.4
176 80.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Tgt Ion: 117 Resp: 35305
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.7 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: VW003627.D

Acq: 27 Jun 2018 21:07

Instrument :

MSVOA_W

ClientSampleId :

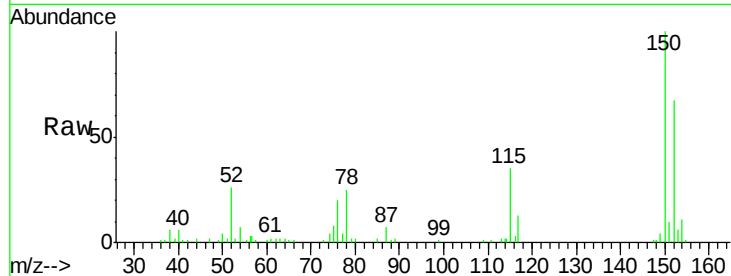
Tot Ion:152 Resp: 10523

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

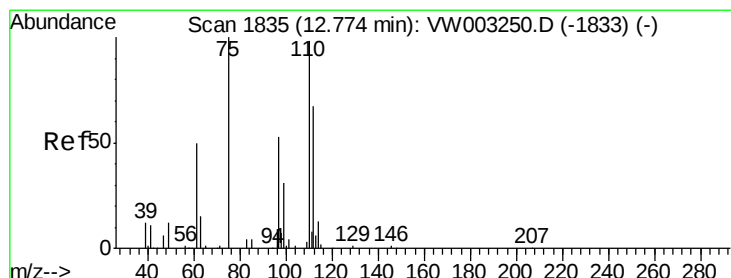
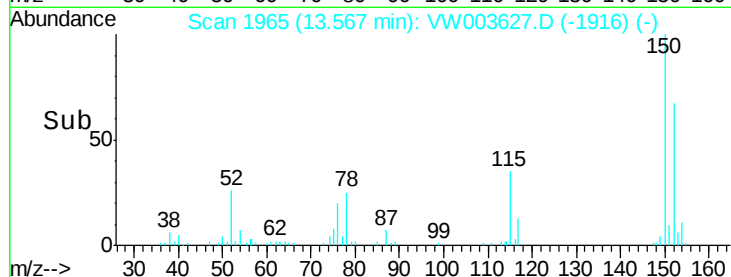
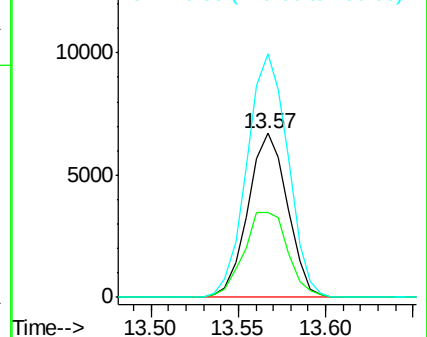
150 153.9 0.0 349.6



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: 53.424 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003627.D

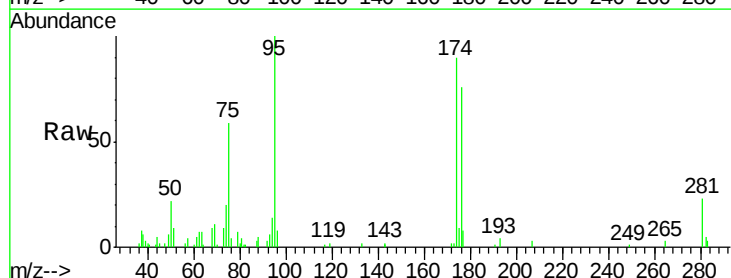
Acq: 27 Jun 2018 21:07

Tgt Ion: 75 Resp: 4806

Ion Ratio Lower Upper

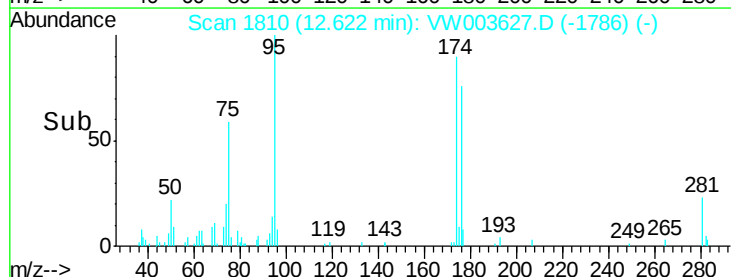
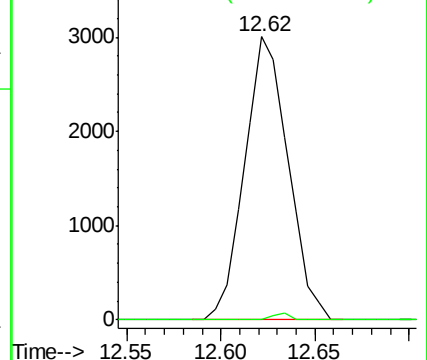
75 100

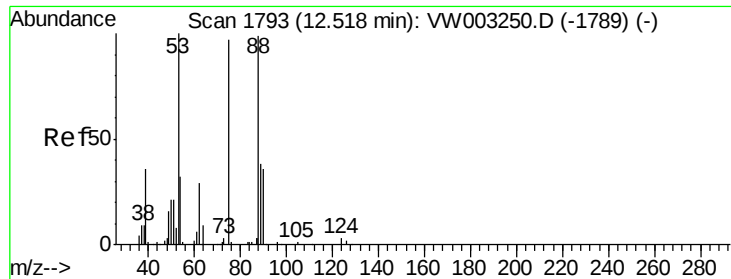
77 1.0 0.0 0.0#



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: 122.932 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Instrument :

MSVOA_W

ClientSampleId :

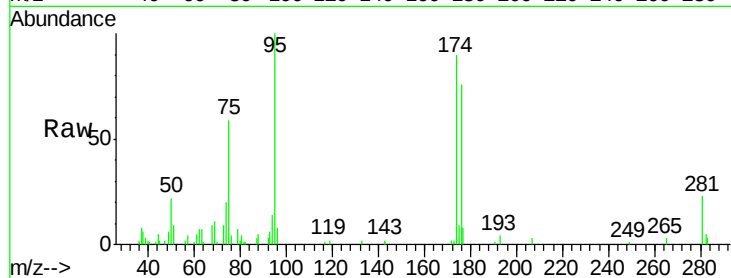
Tot Ion: 75 Resp: 4806

Ion Ratio Lower Upper

75 100

53 0.0 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

