

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003616.D
 Acq On : 27 Jun 2018 16:23
 Operator : SY/AP
 Sample : J3251-05
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:33:21 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	156555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	263331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	240665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109235	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	71563	42.20	ug/l	0.00
Spiked Amount			Recovery	=	84.40%	
35) Dibromofluoromethane	7.88	113	63091	38.56	ug/l	0.00
Spiked Amount			Recovery	=	77.12%	
50) Toluene-d8	10.33	98	198978	30.67	ug/l	0.00
Spiked Amount			Recovery	=	61.34%	
62) 4-Bromofluorobenzene	12.63	95	69302	30.18	ug/l	0.00
Spiked Amount			Recovery	=	60.36%	

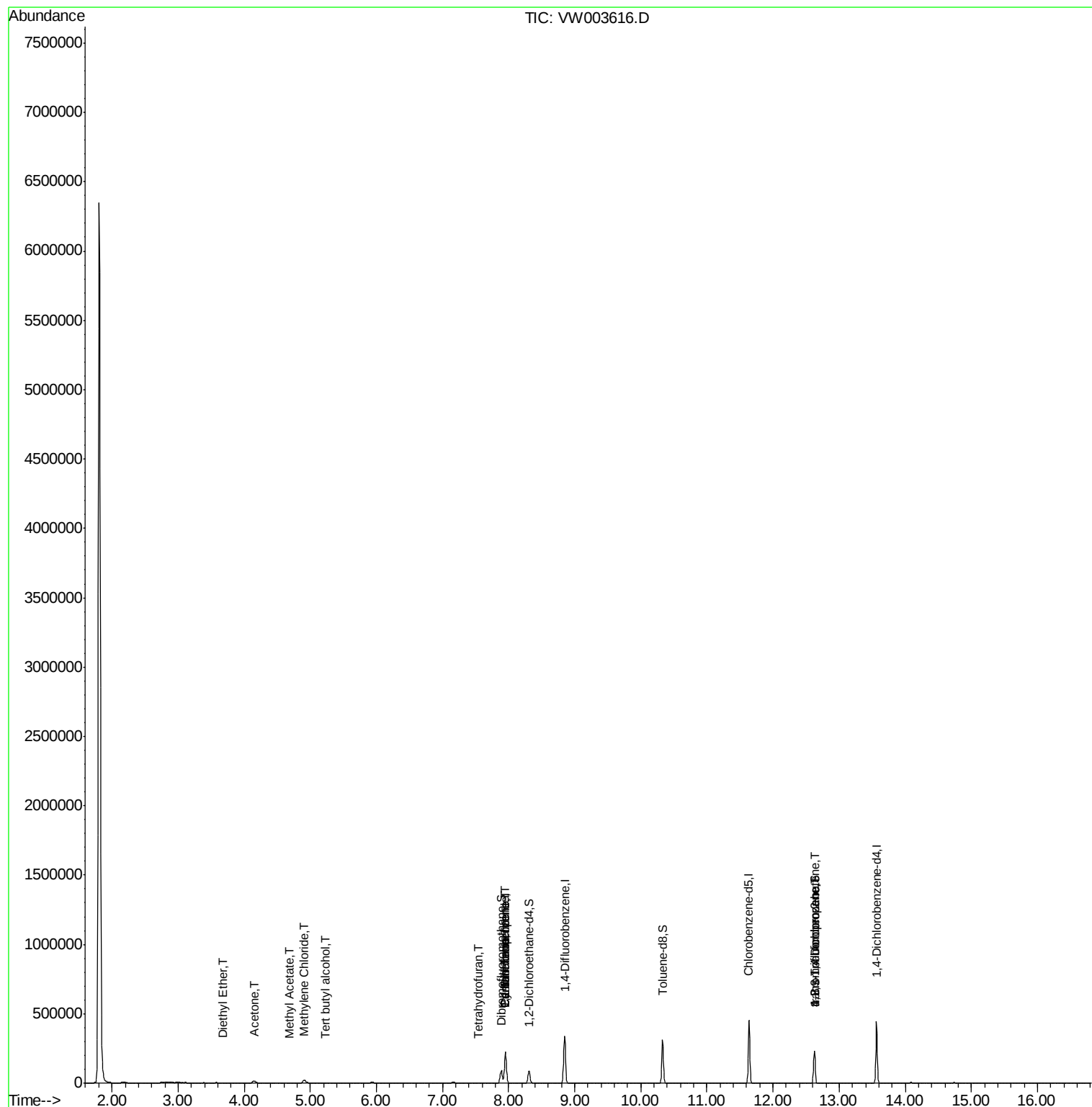
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1147	1.495	ug/l #	47
11) Tert butyl alcohol	5.23	59	180	1.979	ug/l #	84
16) Acetone	4.15	43	33755	94.912	ug/l	98
18) Methyl Acetate	4.67	43	2376	2.816	ug/l #	52
20) Methylene Chloride	4.91	84	16363	7.728	ug/l	94
29) Tetrahydrofuran	7.55	42	543	2.009	ug/l #	67
31) Cyclohexane	7.95	56	3948	1.441	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	13321	5.238	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16092	6.451	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	38118	40.819	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	38118	93.926	ug/l #	8

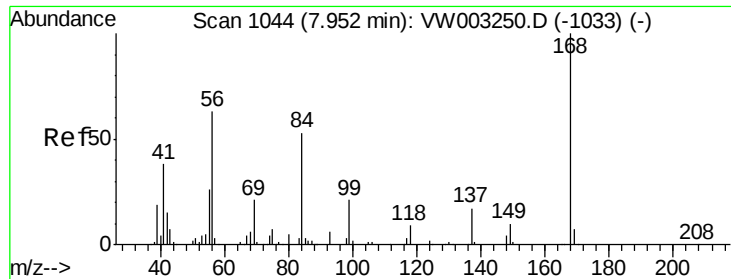
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003616.D
Acq On : 27 Jun 2018 16:23
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Quant Time: Jun 28 05:33:21 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: VW003616.D

Acq: 27 Jun 2018 16:23

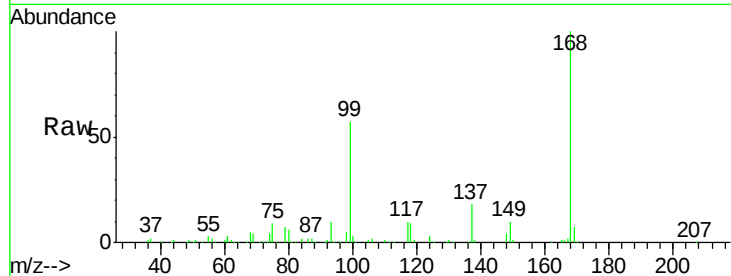
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 156555

Ion Ratio Lower Upper

168 100

99 56.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

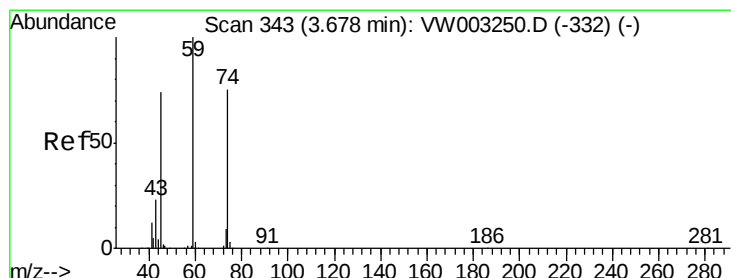
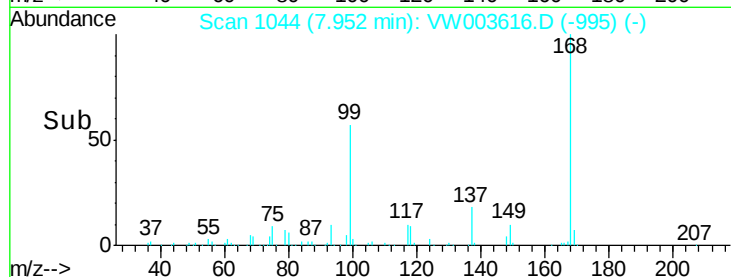
40000

20000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.495 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.01 min

Lab File: VW003616.D

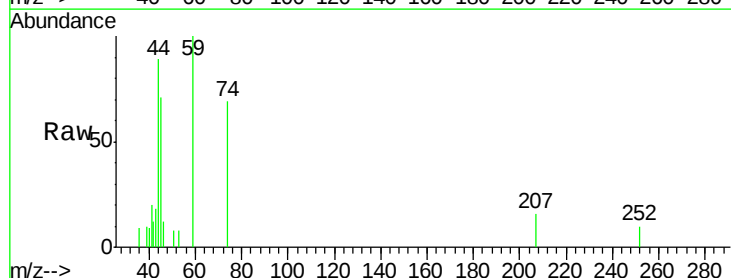
Acq: 27 Jun 2018 16:23

Tgt Ion: 74 Resp: 1147

Ion Ratio Lower Upper

74 100

45 156.9 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

800

600

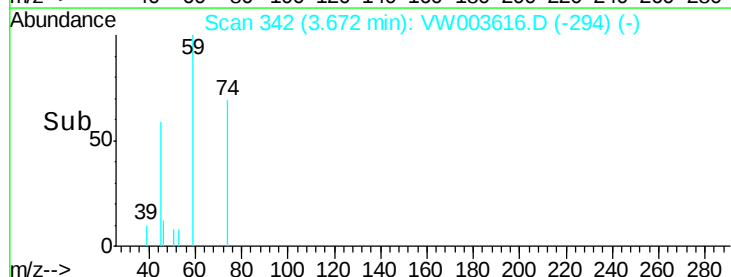
400

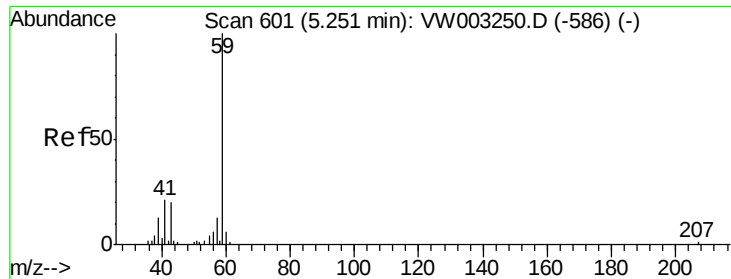
200

0

3.60 3.65 3.70 3.75

Time-->



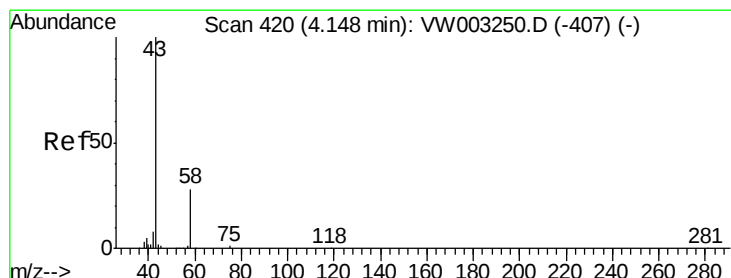
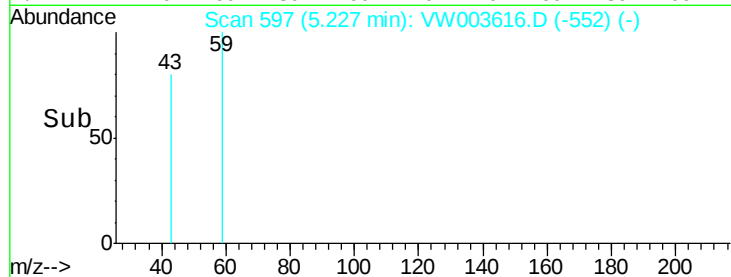
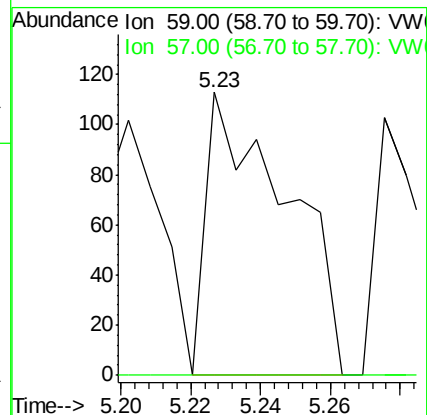
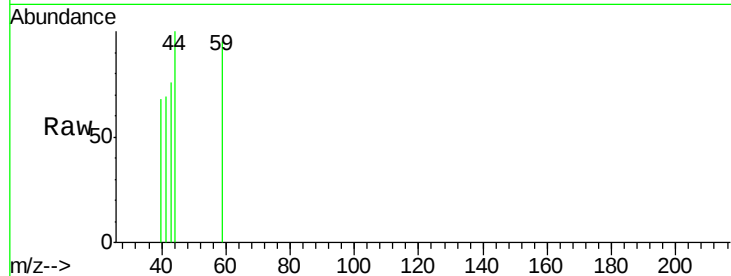


#11

Tert butyl alcohol
Concen: 1.979 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

Instrument :
MSVOA_W
ClientSampled :

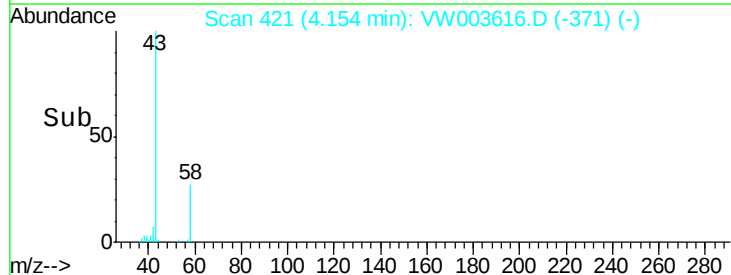
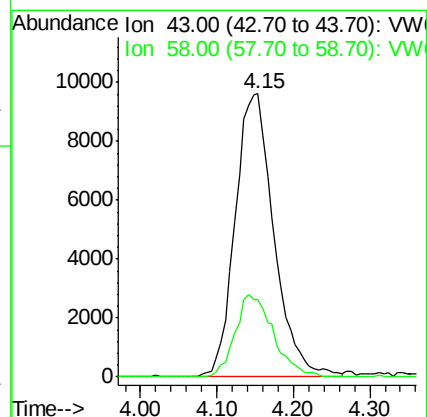
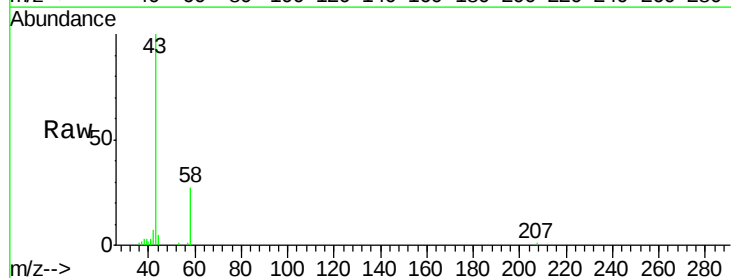
Tot Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

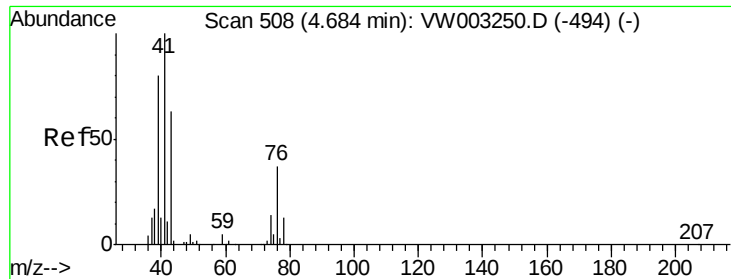


#16

Acetone
Concen: 94.912 ug/l
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

Tgt Ion: 43 Resp: 33755
Ion Ratio Lower Upper
43 100
58 27.2 22.6 34.0

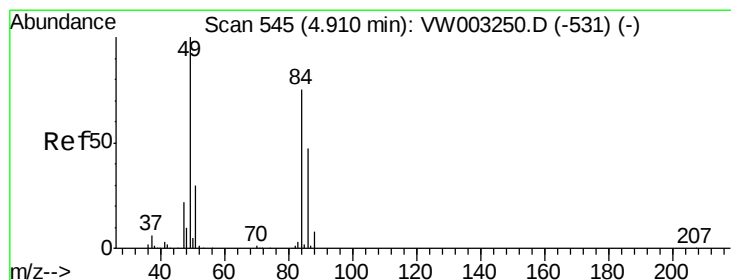
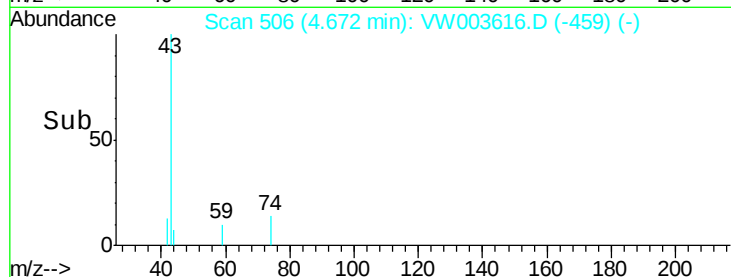
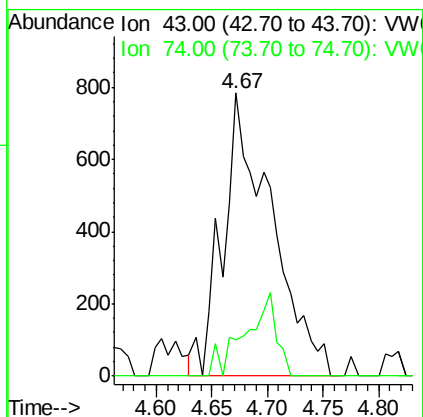
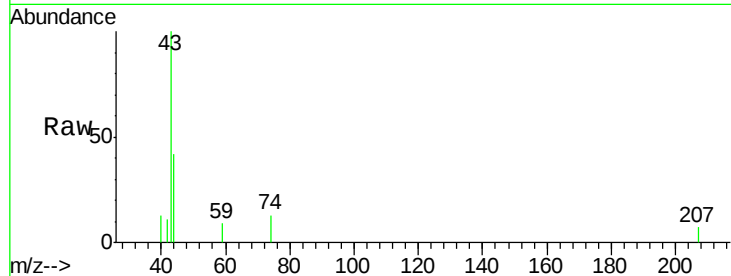




#18
Methvl Acetate
Concen: 2.816 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

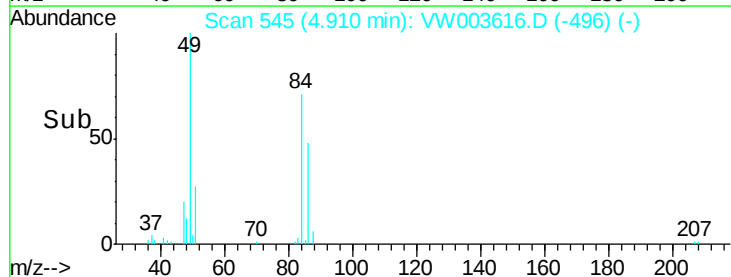
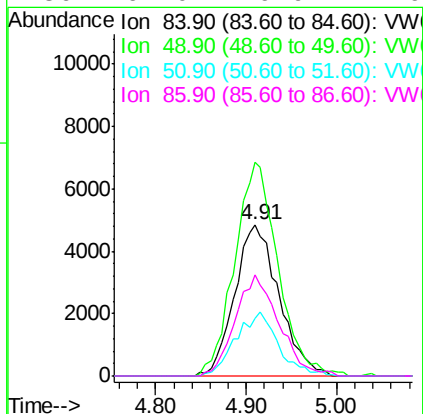
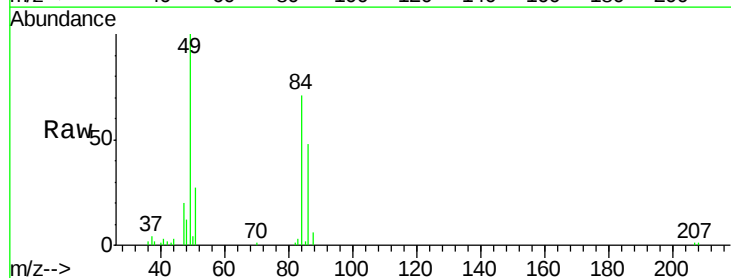
Instrument :
MSVOA_W
ClientSampleId :

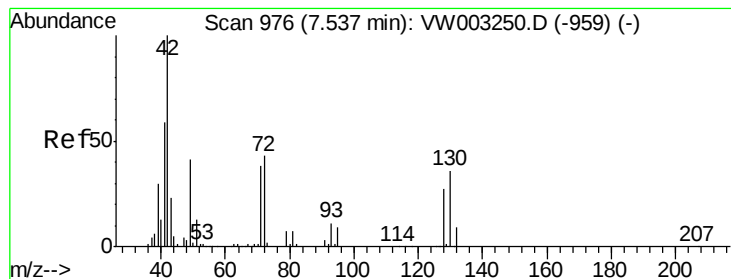
Tot Ion: 43 Resp: 2376
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 7.728 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

Tgt Ion: 84 Resp: 16363
Ion Ratio Lower Upper
84 100
49 140.9 106.3 159.5
51 38.3 32.0 48.0
86 67.0 49.9 74.9





#29

Tetrahydrofuran

Concen: 2.009 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003616.D

Acq: 27 Jun 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

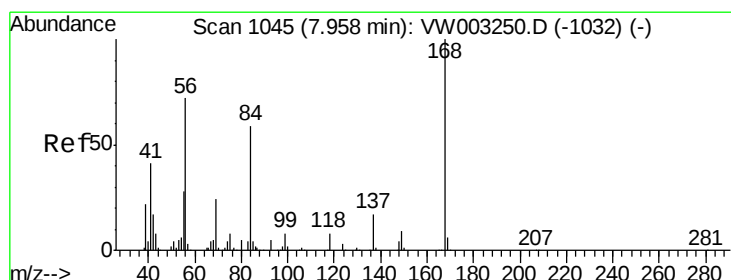
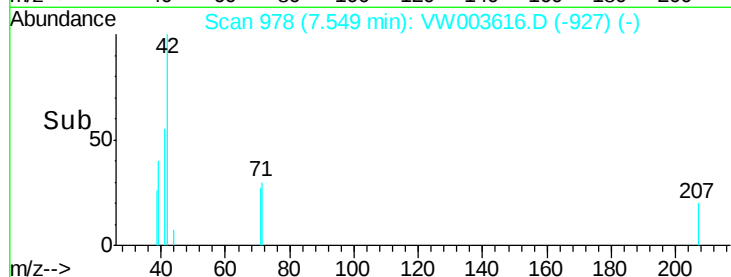
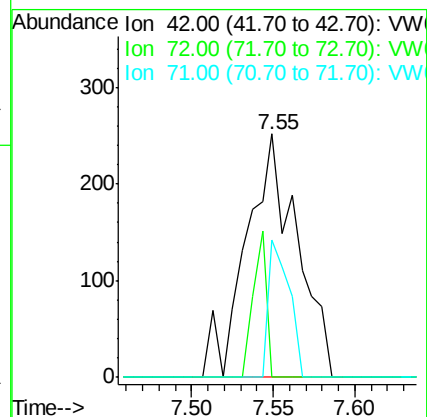
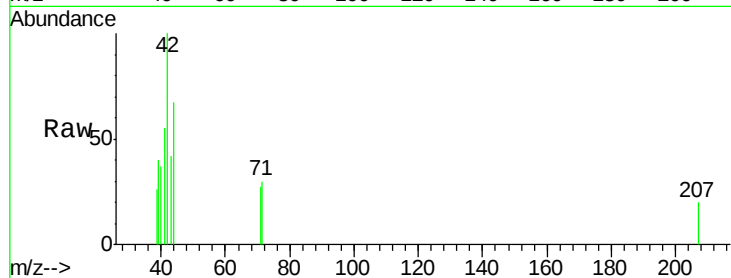
Tot Ion: 42 Resp: 543

Ion Ratio Lower Upper

42 100

72 15.8 32.4 48.6#

71 22.8 31.2 46.8#



#31

Cyclohexane

Concen: 1.441 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003616.D

Acq: 27 Jun 2018 16:23

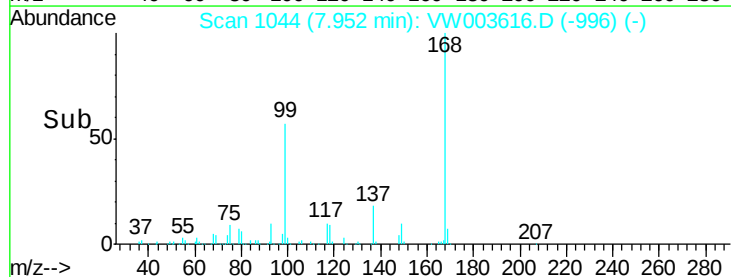
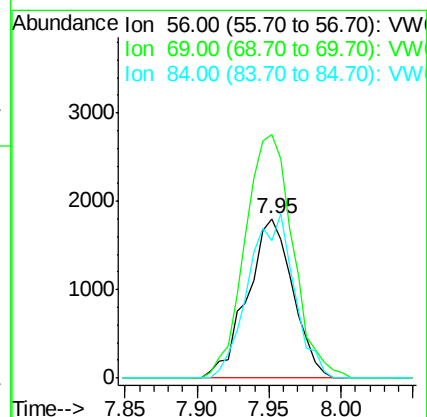
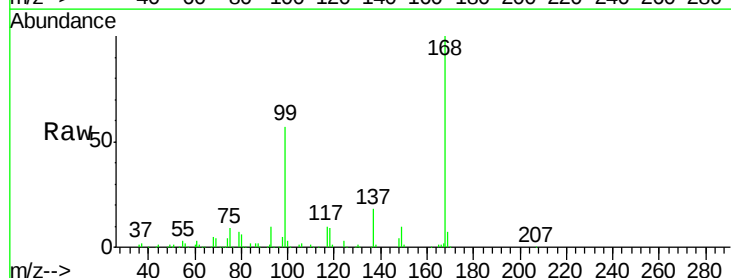
Tgt Ion: 56 Resp: 3948

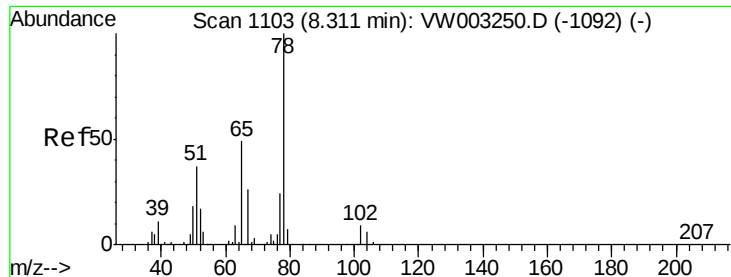
Ion Ratio Lower Upper

56 100

69 152.9 26.3 39.5#

84 86.3 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 42.202 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003616.D

Acq: 27 Jun 2018 16:23

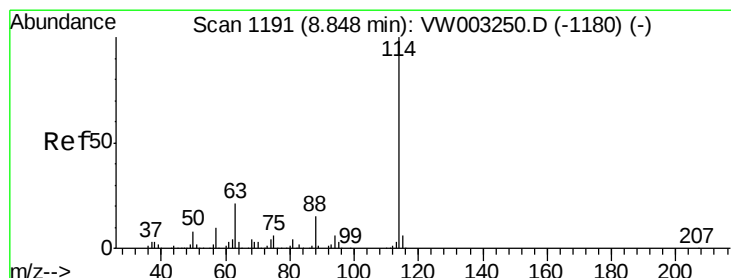
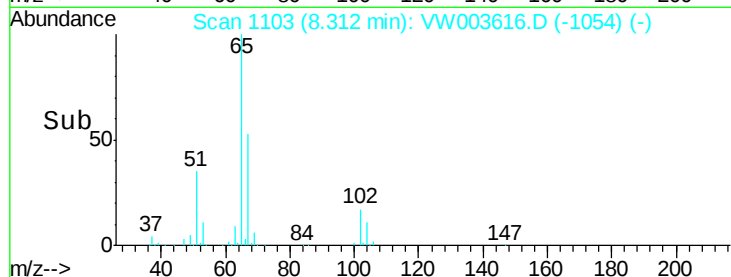
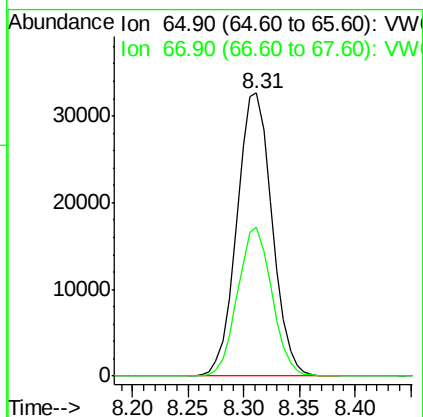
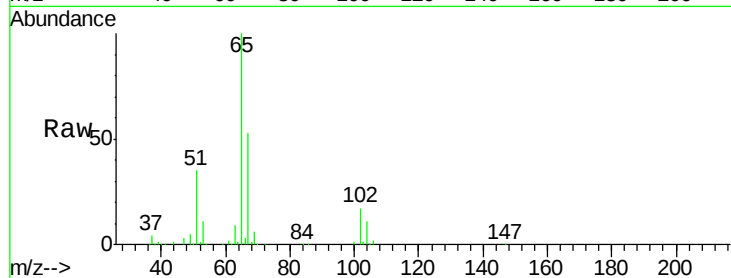
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 71563

Ion Ratio Lower Upper

65 100

67 51.6 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: VW003616.D

Acq: 27 Jun 2018 16:23

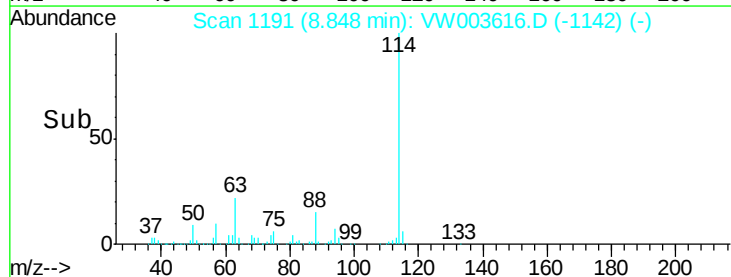
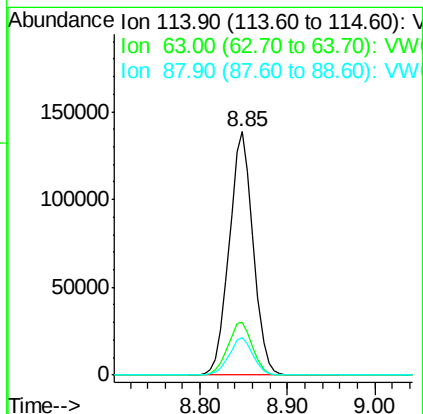
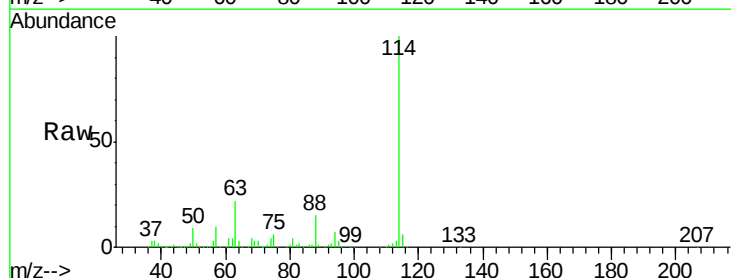
Tgt Ion: 114 Resp: 263331

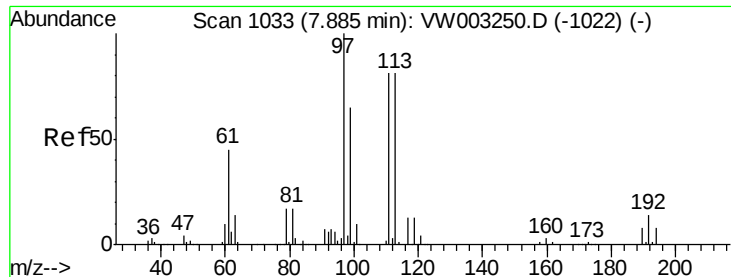
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 15.4 0.0 29.6

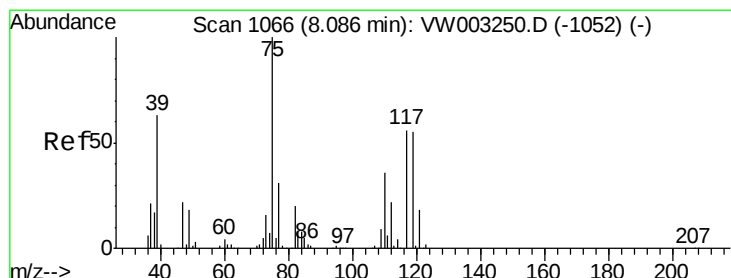
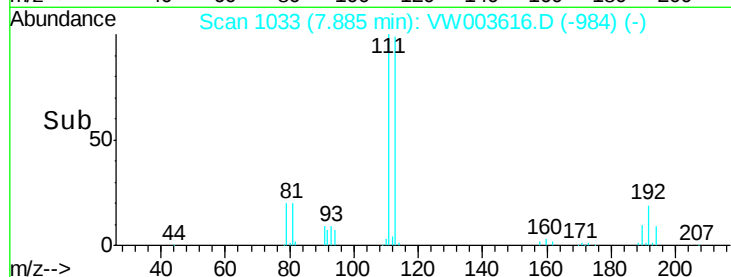
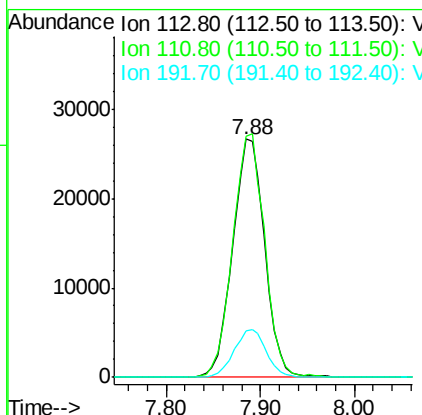
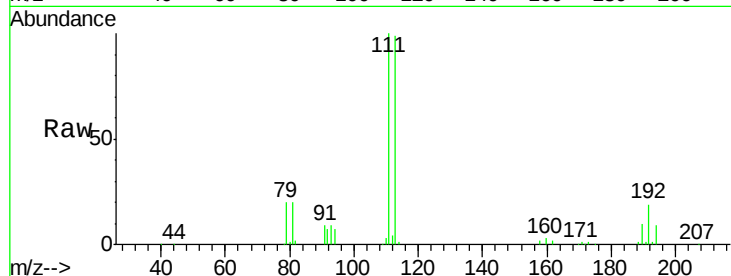




#35
 Dibromofluoromethane
 Concen: 38.558 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003616.D
 Acq: 27 Jun 2018 16:23

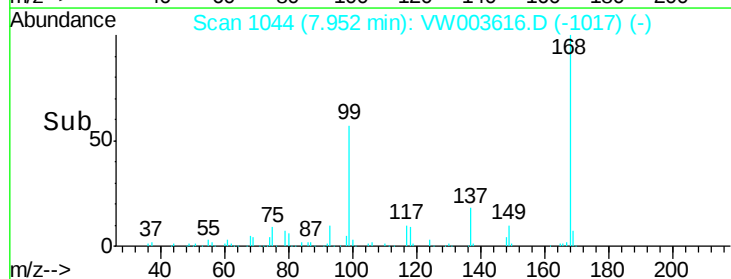
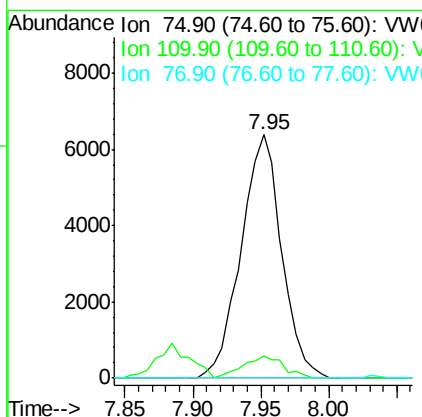
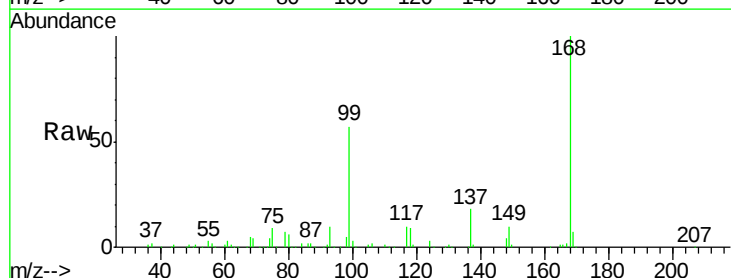
Instrument :
 MSVOA_W
 ClientSampleId :

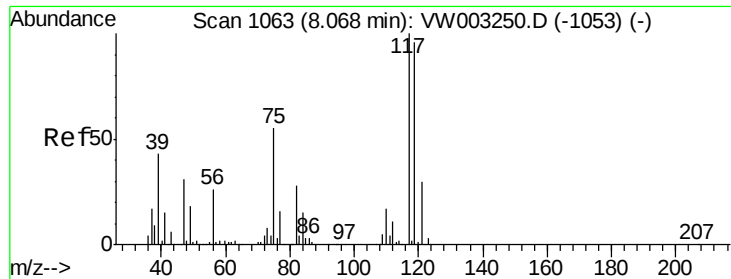
Tot Ion:113 Resp: 63091
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.238 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003616.D
 Acq: 27 Jun 2018 16:23

Tgt Ion: 75 Resp: 13321
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.451 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003616.D

Acq: 27 Jun 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

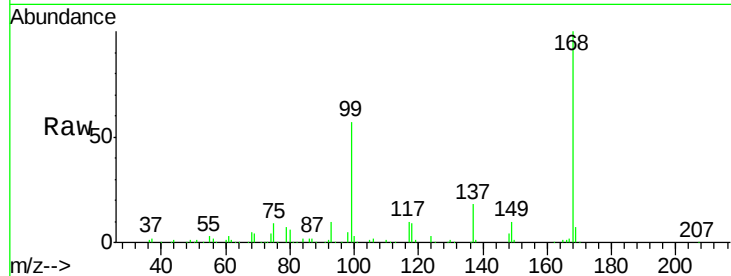
Tot Ion:117 Resp: 16092

Ion Ratio Lower Upper

117 100

119 6.4 76.6 115.0#

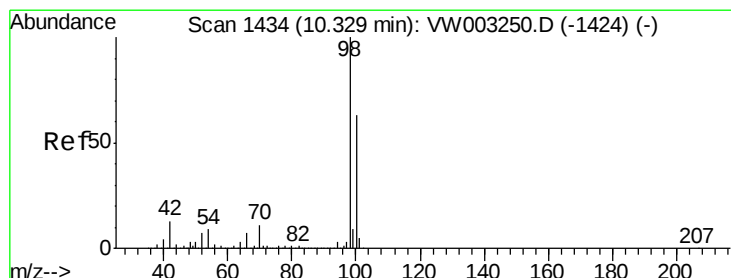
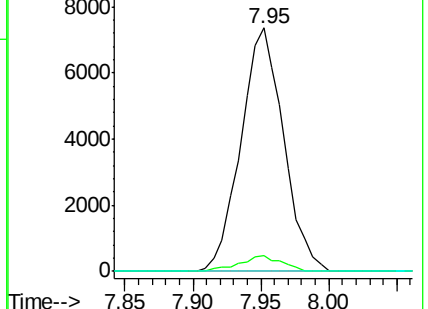
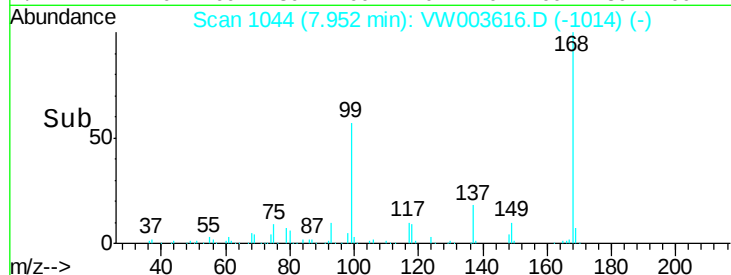
121 0.0 23.9 35.9#



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: 30.668 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003616.D

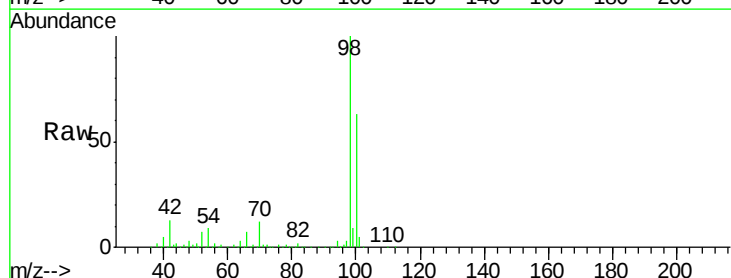
Acq: 27 Jun 2018 16:23

Tgt Ion: 98 Resp: 198978

Ion Ratio Lower Upper

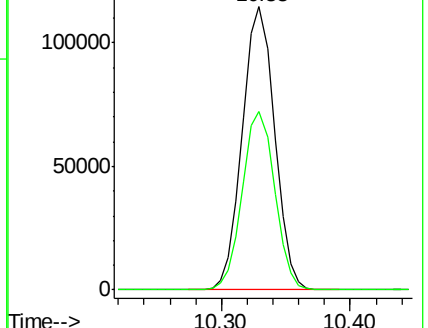
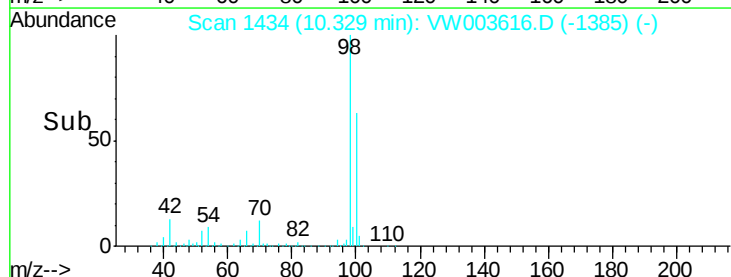
98 100

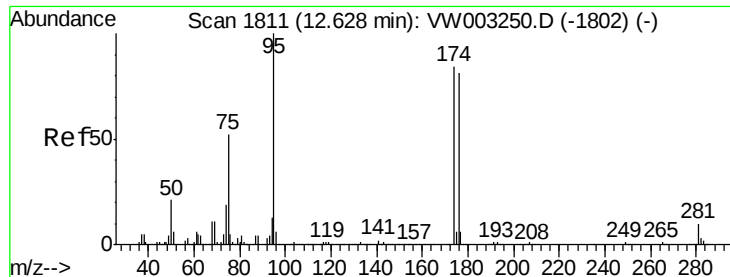
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

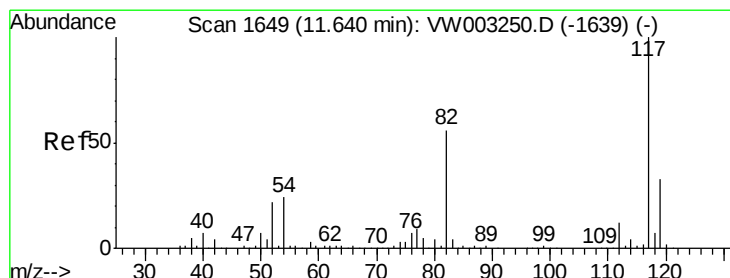
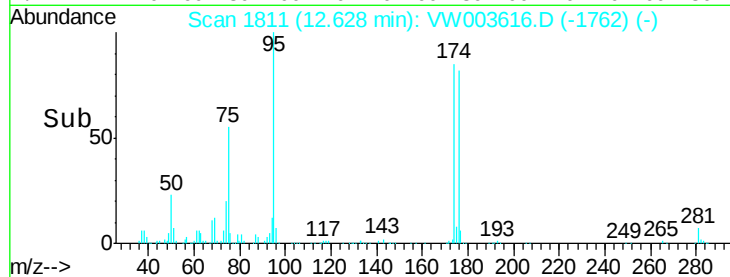
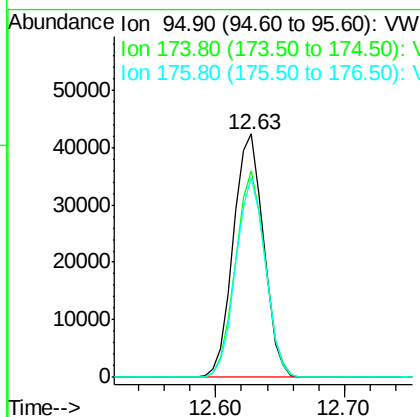
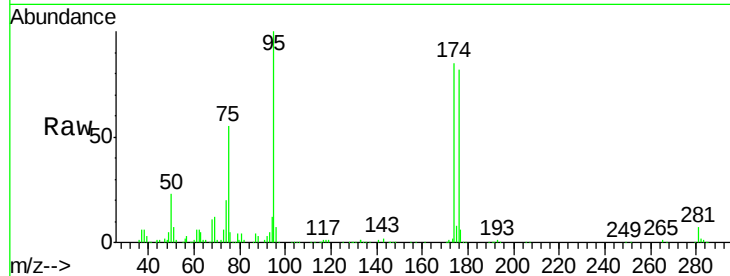




#62
4-Bromofluorobenzene
Concen: 30.183 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

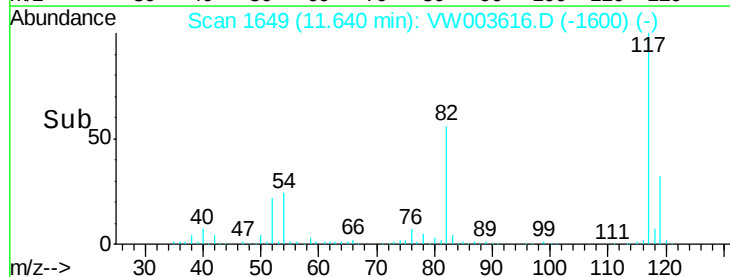
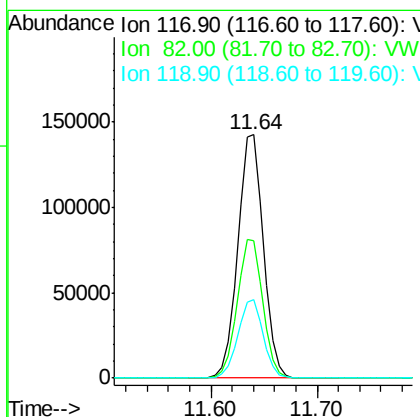
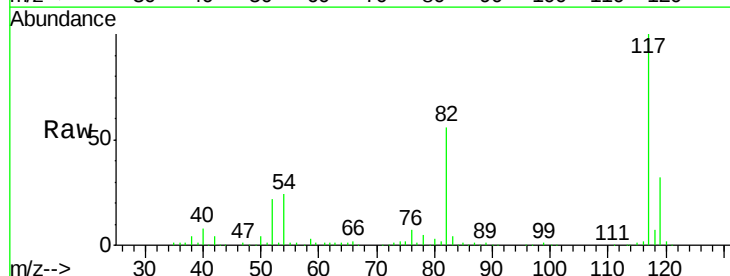
Instrument :
MSVOA_W
ClientSampled :

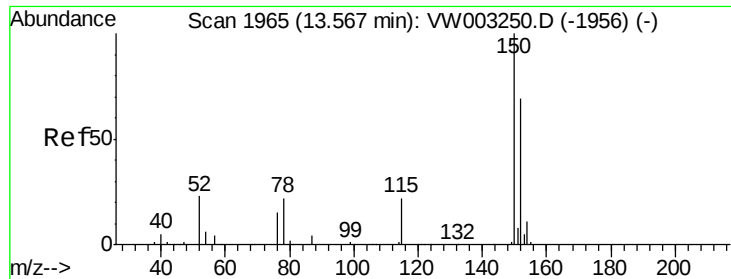
Tot Ion: 95 Resp: 69302
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.4
176 80.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003616.D
Acq: 27 Jun 2018 16:23

Tgt Ion: 117 Resp: 240665
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.0 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: VW003616.D

Acq: 27 Jun 2018 16:23

Instrument :

MSVOA_W

ClientSampled :

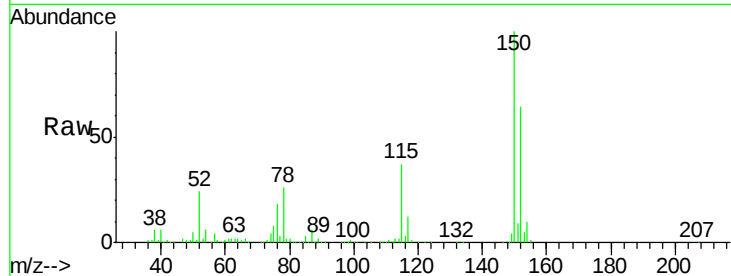
Tot Ion:152 Resp: 109235

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

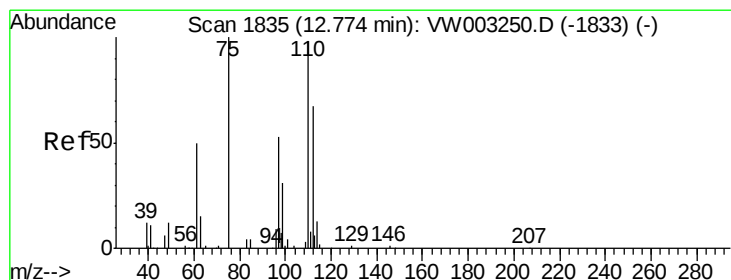
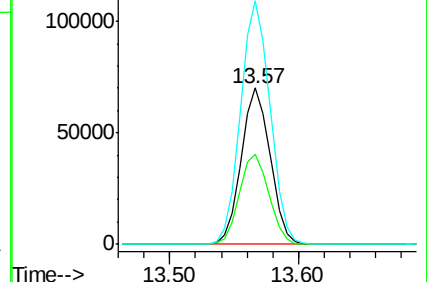
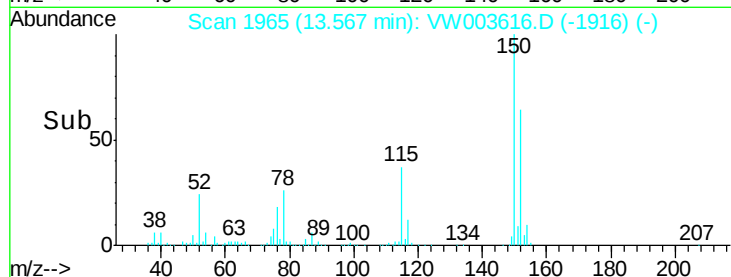
150 158.0 0.0 349.6



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: 40.819 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003616.D

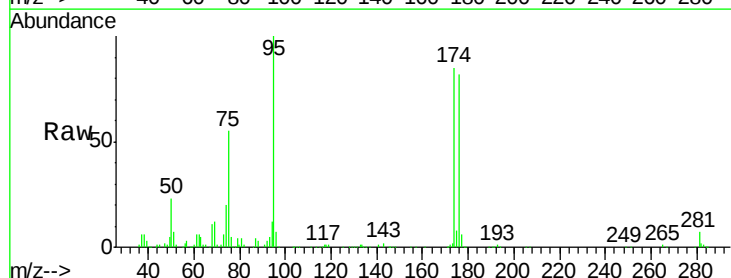
Acq: 27 Jun 2018 16:23

Tgt Ion: 75 Resp: 38118

Ion Ratio Lower Upper

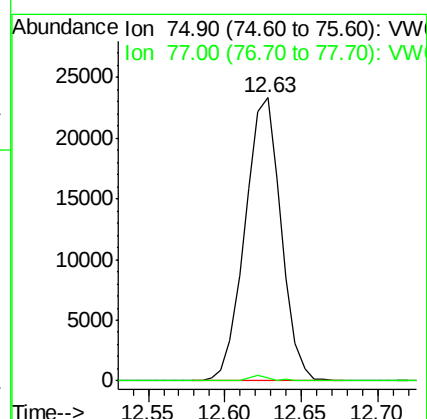
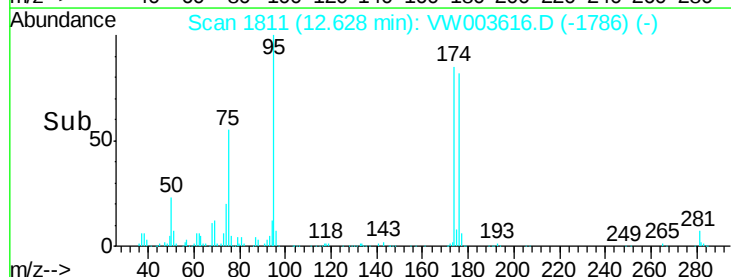
75 100

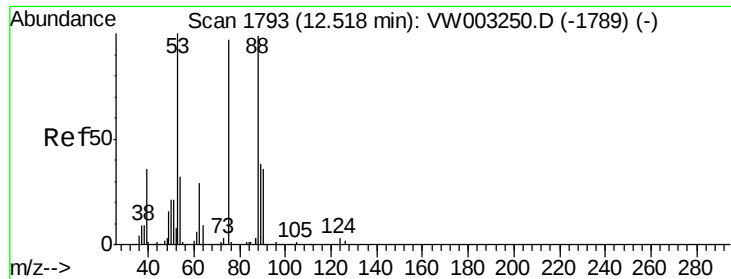
77 1.2 0.0 0.0#



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: 93.926 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003616.D

Acq: 27 Jun 2018 16:23

Instrument :

MSVOA_W

ClientSampleId :

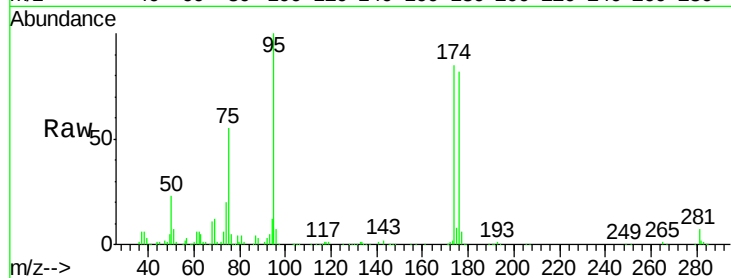
Tot Ion: 75 Resp: 38118

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

