

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003628.D
 Acq On : 27 Jun 2018 21:33
 Operator : SY/AP
 Sample : J3709-04
 Misc : 3.47G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:35:22 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	106150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39669	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	57812	50.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.56%	
35) Dibromofluoromethane	7.88	113	50381	46.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.94%	
50) Toluene-d8	10.33	98	135036	31.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.82%	
62) 4-Bromofluorobenzene	12.63	95	35637	23.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.86%	

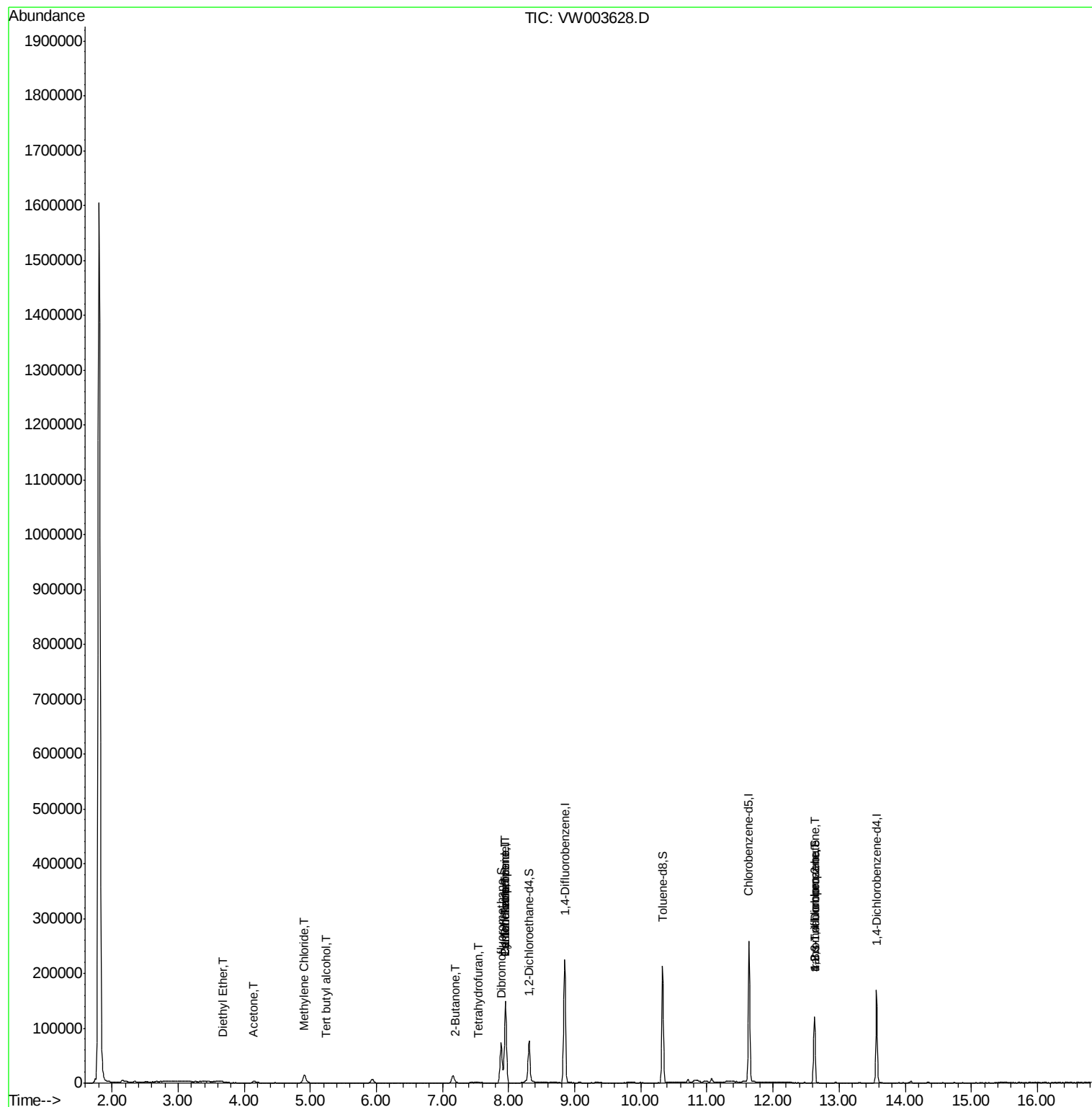
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	639	1.228	ug/l	83
11) Tert butyl alcohol	5.23	59	85	1.378	ug/l #	84
16) Acetone	4.14	43	6649	27.573	ug/l	96
20) Methylene Chloride	4.91	84	10605	7.212	ug/l	90
25) 2-Butanone	7.20	43	628	2.094	ug/l #	50
29) Tetrahydrofuran	7.55	42	380	2.074	ug/l #	40
31) Cyclohexane	7.95	56	2899	1.560	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	9210	5.466	ug/l #	47
38) Carbon Tetrachloride	7.95	117	10670	6.456	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	19393	57.186	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19393	131.587	ug/l #	9

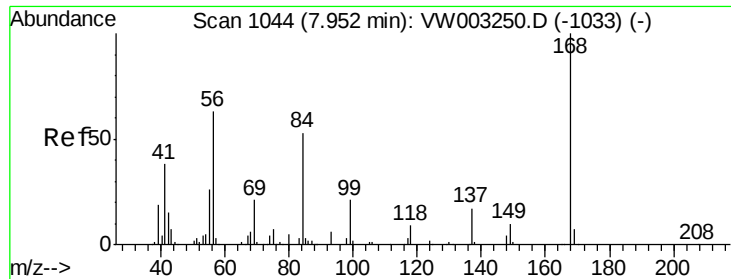
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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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: VW003628.D

Acq: 27 Jun 2018 21:33

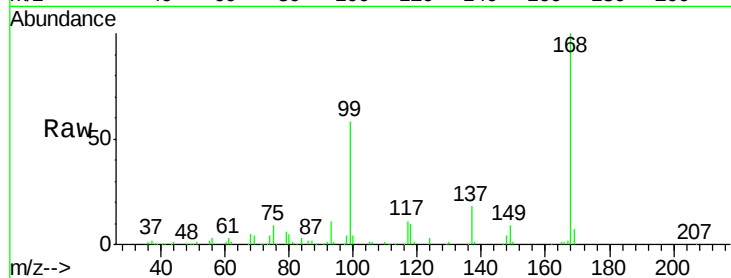
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 106150

Ion Ratio Lower Upper

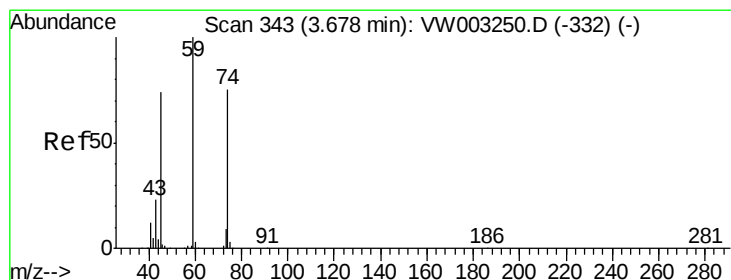
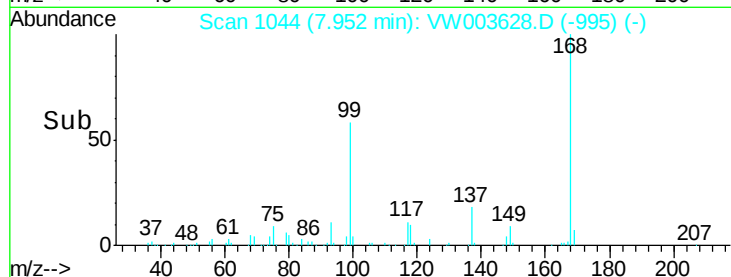
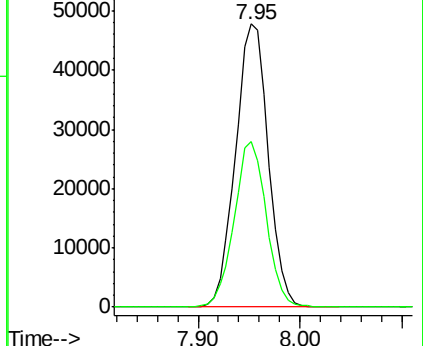
168 100

99 58.3 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: 1.228 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003628.D

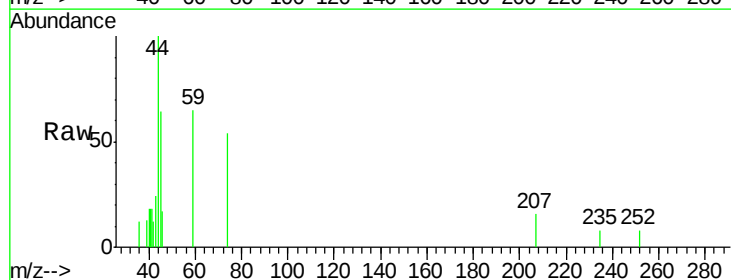
Acq: 27 Jun 2018 21:33

Tgt Ion: 74 Resp: 639

Ion Ratio Lower Upper

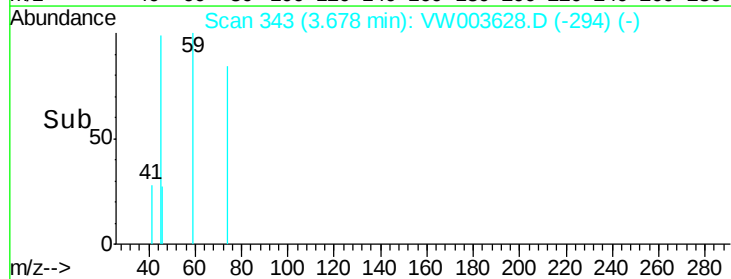
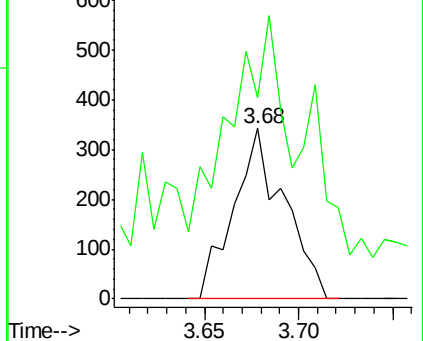
74 100

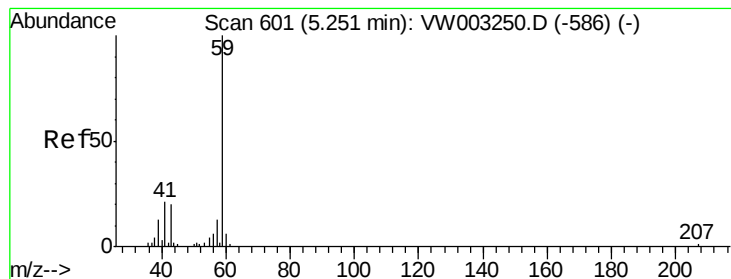
45 120.2 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



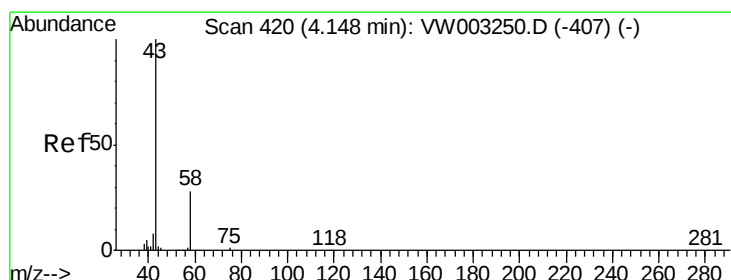
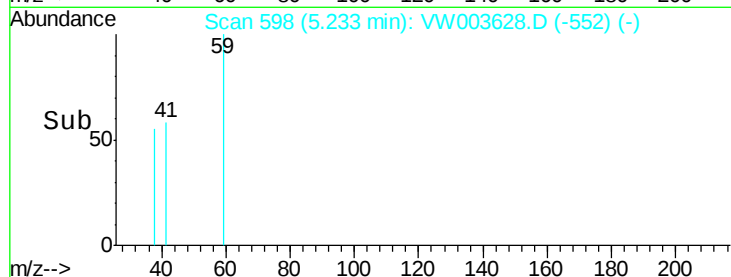
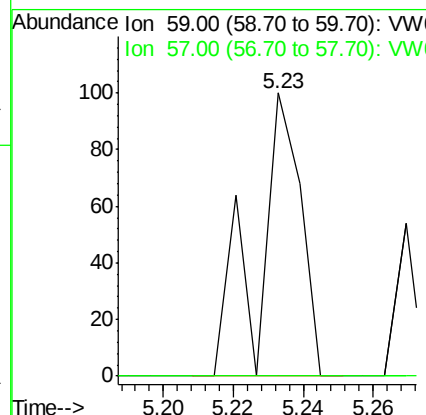
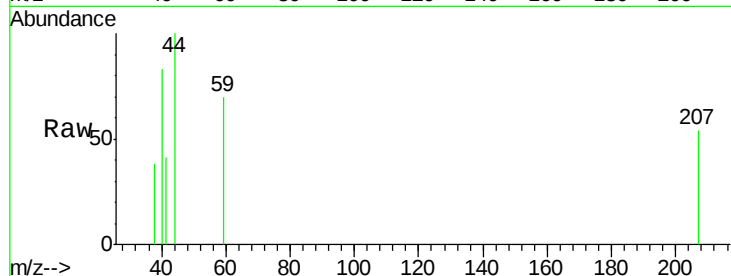


#11

Tert butyl alcohol
 Concen: 1.378 ug/l
 RT: 5.23 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VW003628.D
 Acq: 27 Jun 2018 21:33

Instrument :
 MSVOA_W
 ClientSampled :

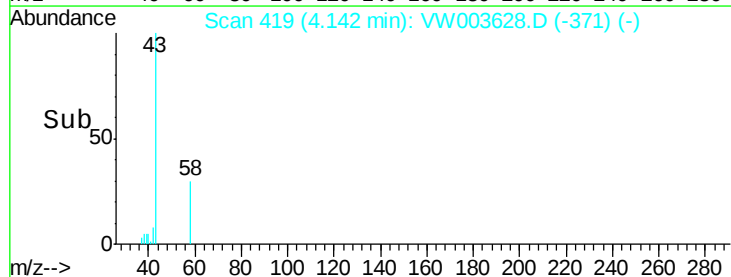
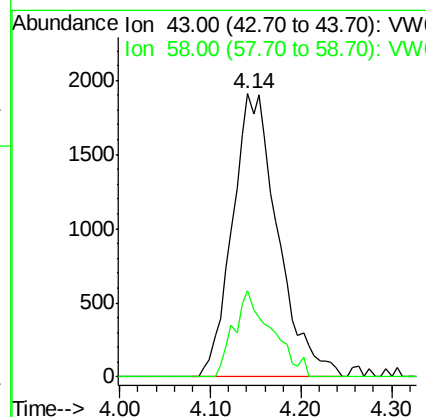
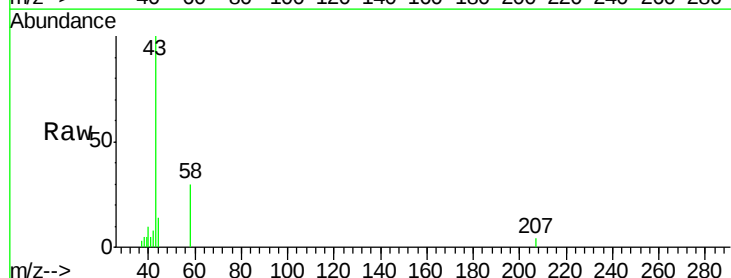
Tot Ion: 59 Resp: 85
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

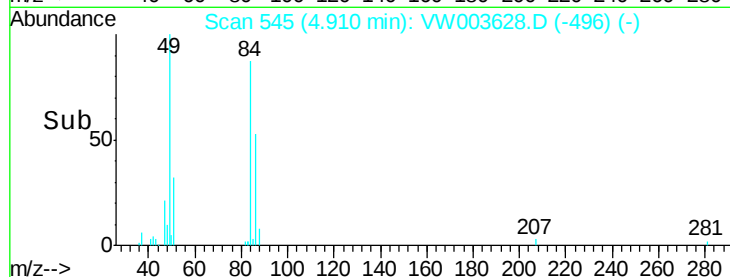
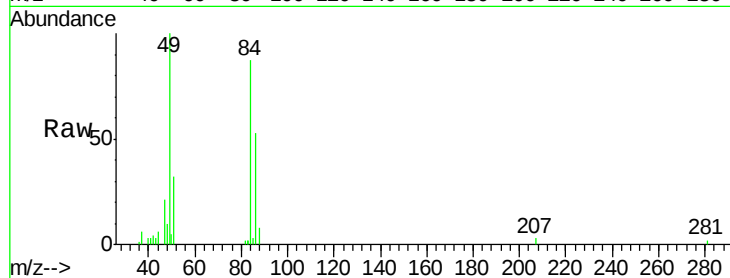
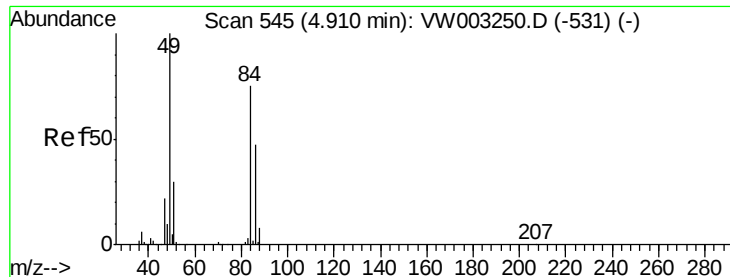


#16

Acetone
 Concen: 27.573 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VW003628.D
 Acq: 27 Jun 2018 21:33

Tgt Ion: 43 Resp: 6649
 Ion Ratio Lower Upper
 43 100
 58 30.3 22.6 34.0

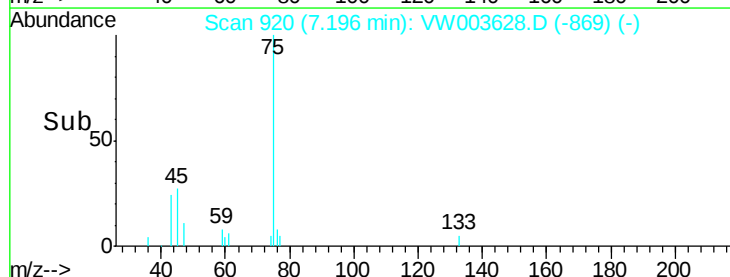
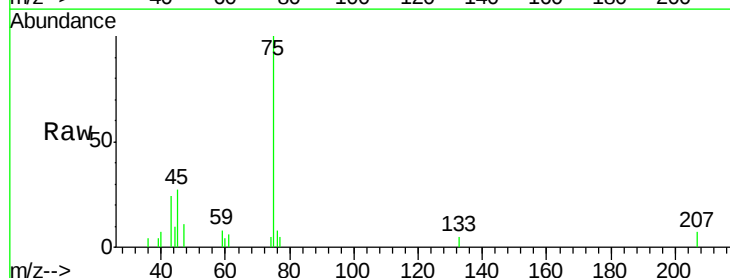
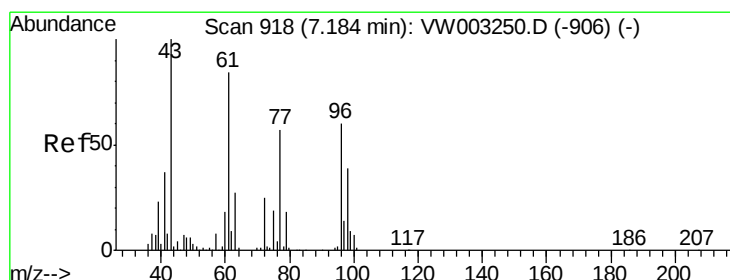
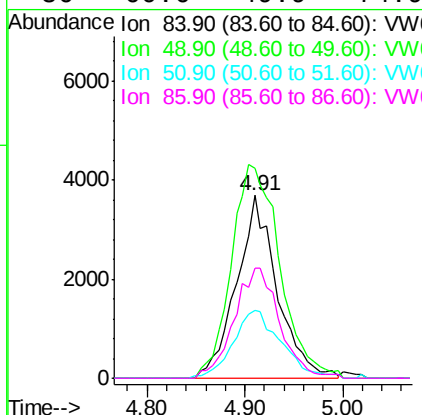




#20
Methvlene Chloride
Concen: 7.212 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

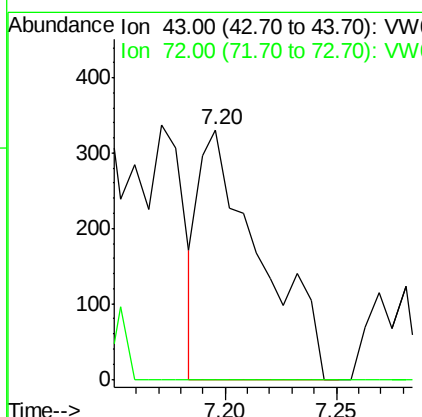
Instrument :
MSVOA_W
ClientSampled :

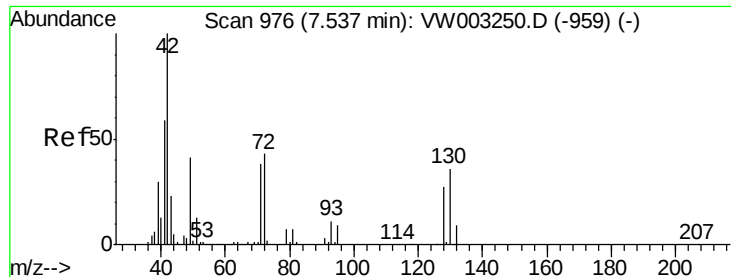
Tot Ion: 84 Resp: 10605
Ion Ratio Lower Upper
84 100
49 115.0 106.3 159.5
51 36.9 32.0 48.0
86 60.6 49.9 74.9



#25
2-Butanone
Concen: 2.094 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

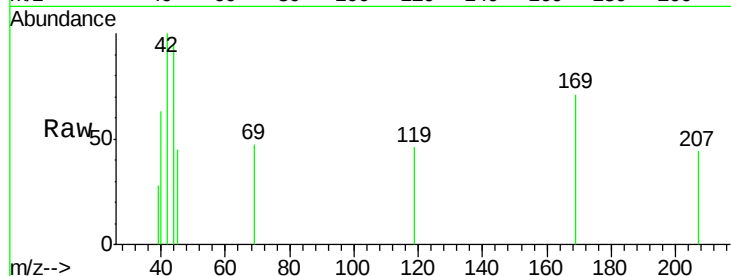




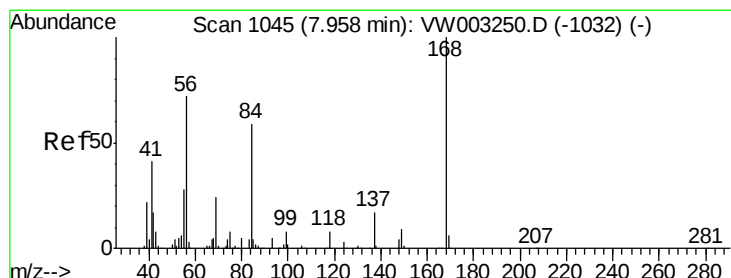
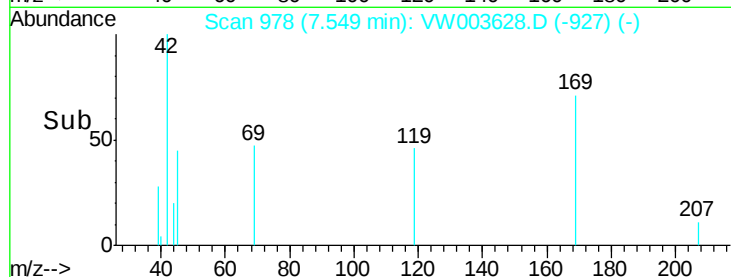
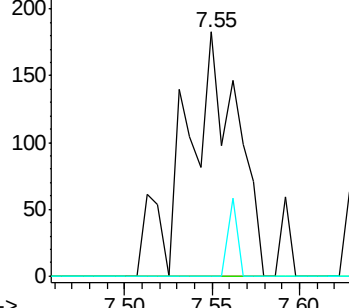
#29
Tetrahydrofuran
Concen: 2.074 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 380
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 5.5 31.2 46.8#

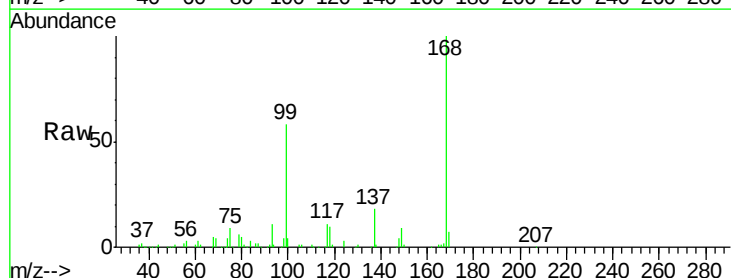


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

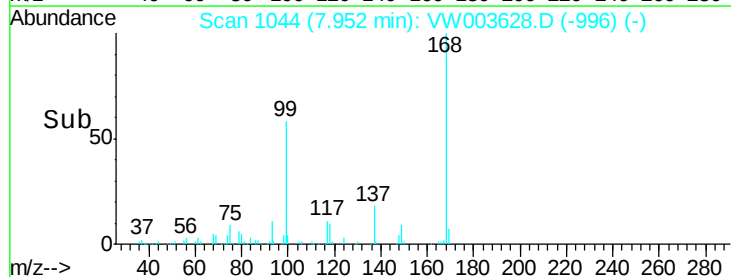
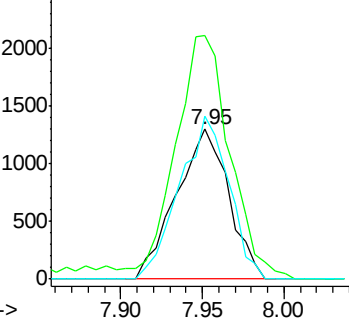


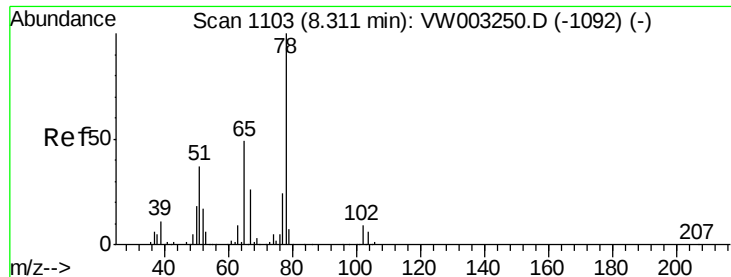
#31
Cyclohexane
Concen: 1.560 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

Tgt Ion: 56 Resp: 2899
Ion Ratio Lower Upper
56 100
69 157.4 26.3 39.5#
84 108.6 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: 50.281 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003628.D

Acq: 27 Jun 2018 21:33

Instrument :

MSVOA_W

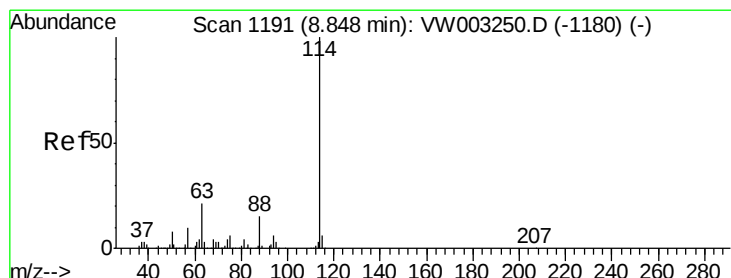
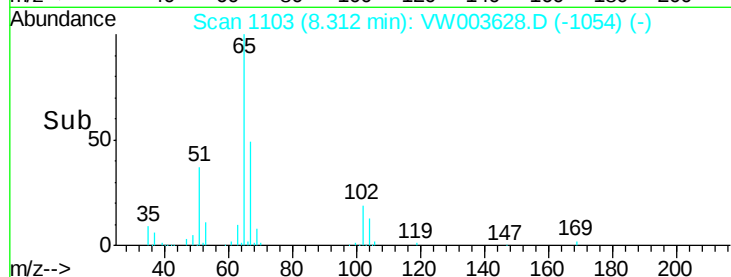
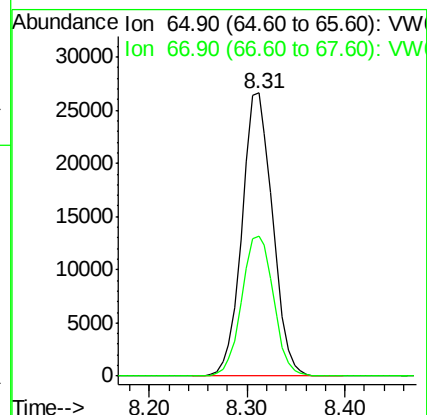
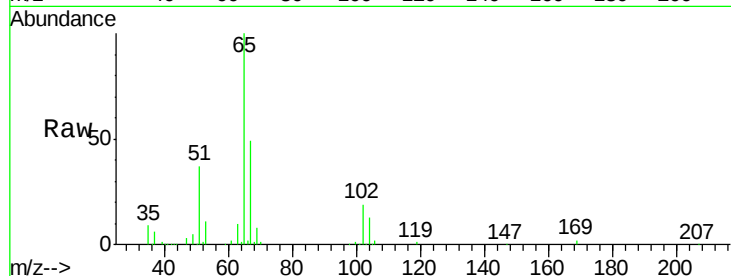
ClientSampled :

Tot Ion: 65 Resp: 57812

Ion Ratio Lower Upper

65 100

67 51.4 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: VW003628.D

Acq: 27 Jun 2018 21:33

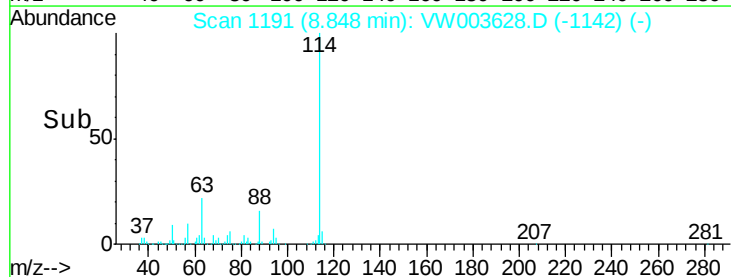
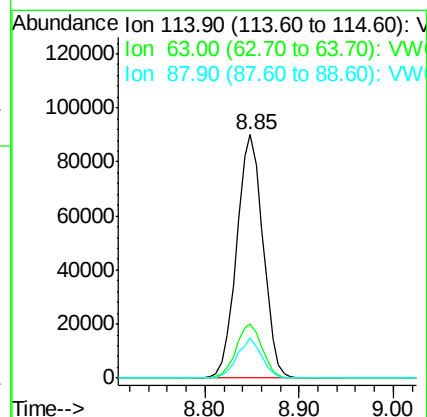
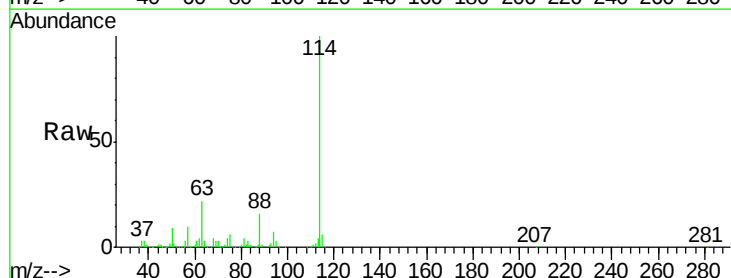
Tgt Ion: 114 Resp: 174471

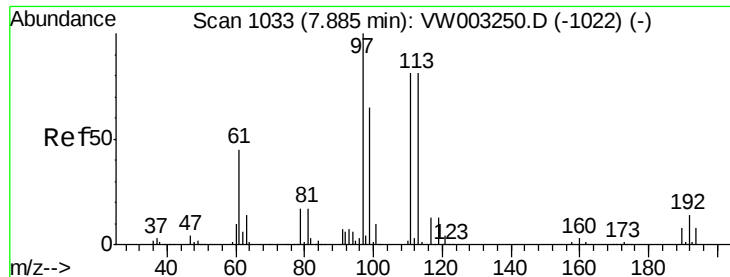
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

88 16.5 0.0 29.6

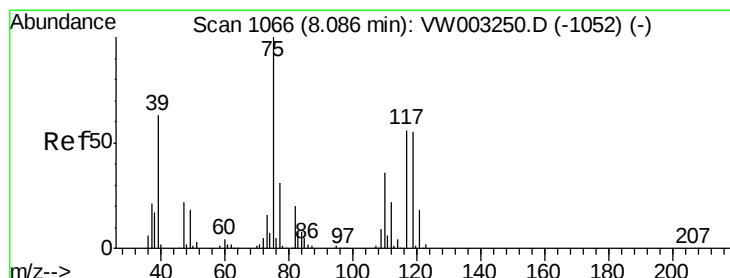
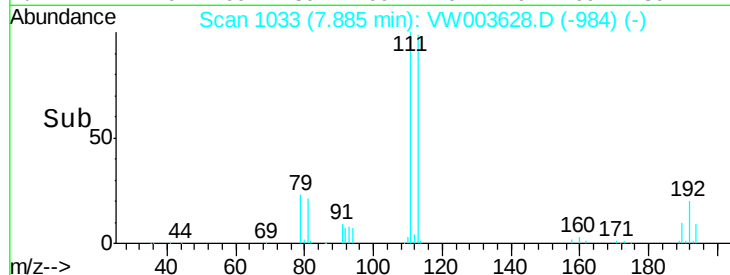
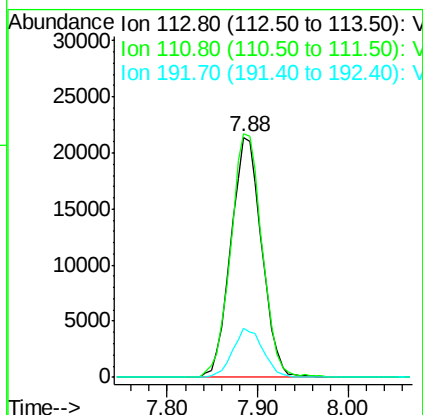
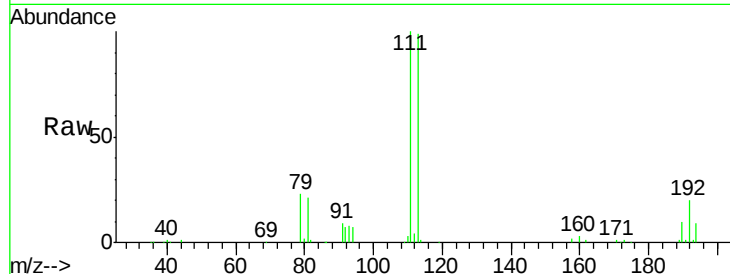




#35
 Dibromofluoromethane
 Concen: 46.472 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003628.D
 Acq: 27 Jun 2018 21:33

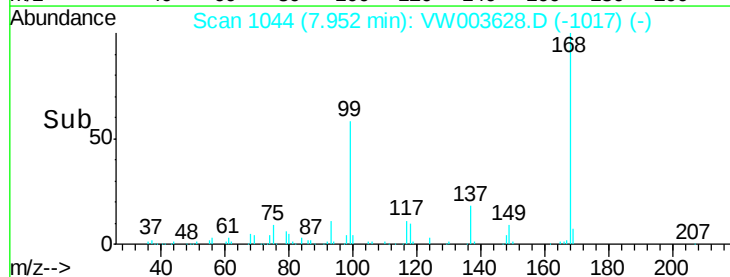
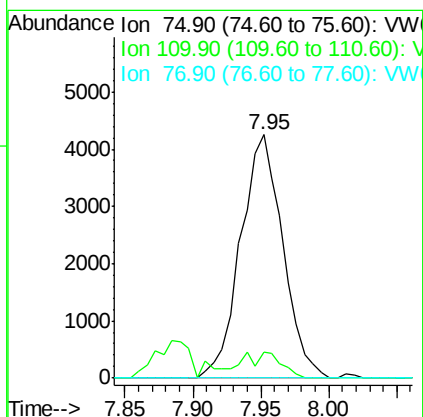
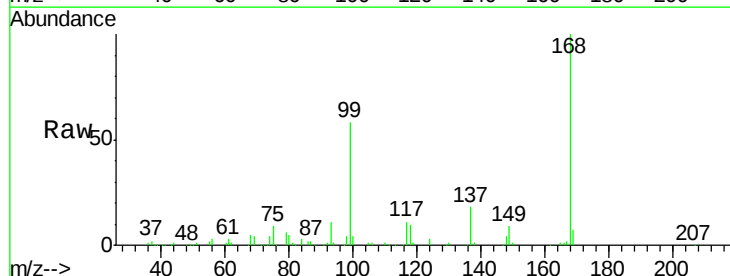
Instrument :
 MSVOA_W
 ClientSampled :

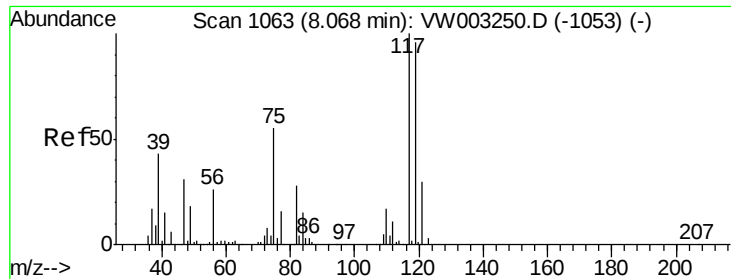
Tot Ion:113 Resp: 50381
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.466 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003628.D
 Acq: 27 Jun 2018 21:33

Tgt Ion: 75 Resp: 9210
 Ion Ratio Lower Upper
 75 100
 110 5.6 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.456 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003628.D

Acq: 27 Jun 2018 21:33

Instrument :

MSVOA_W

ClientSampled :

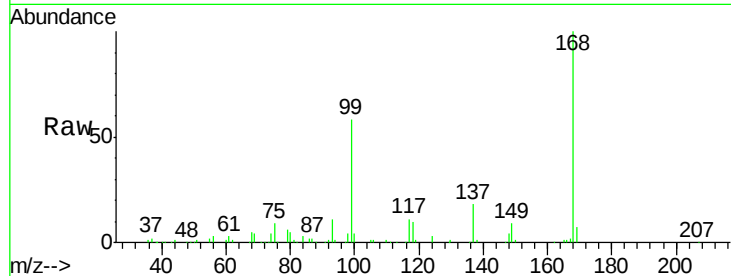
Tot Ion:117 Resp: 10670

Ion Ratio Lower Upper

117 100

119 7.3 76.6 115.0#

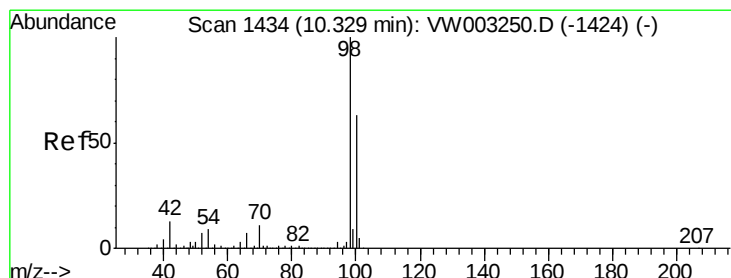
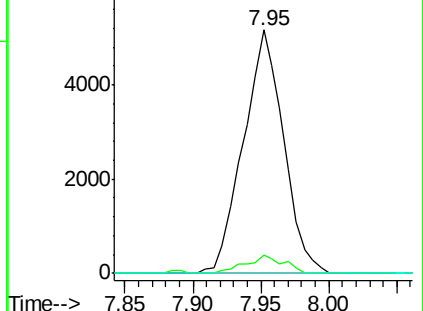
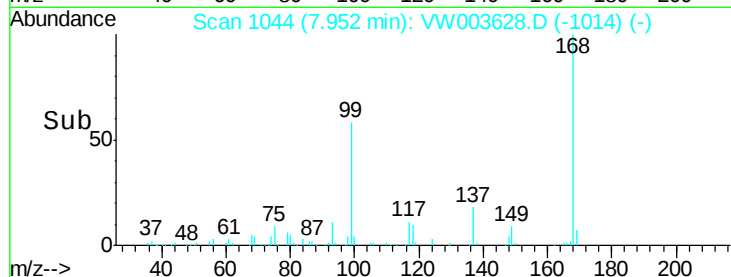
121 0.0 23.9 35.9#



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: 31.413 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003628.D

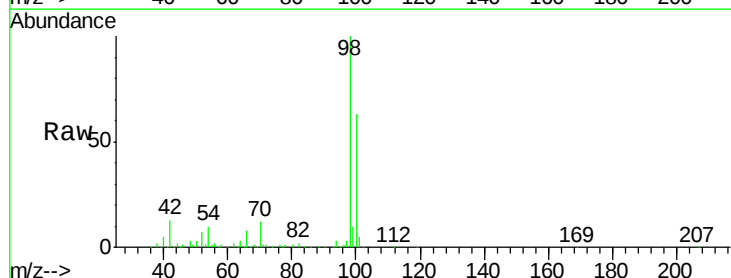
Acq: 27 Jun 2018 21:33

Tgt Ion: 98 Resp: 135036

Ion Ratio Lower Upper

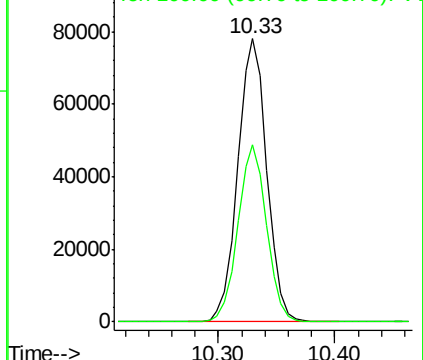
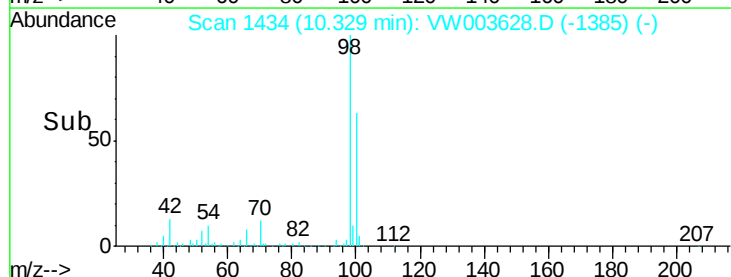
98 100

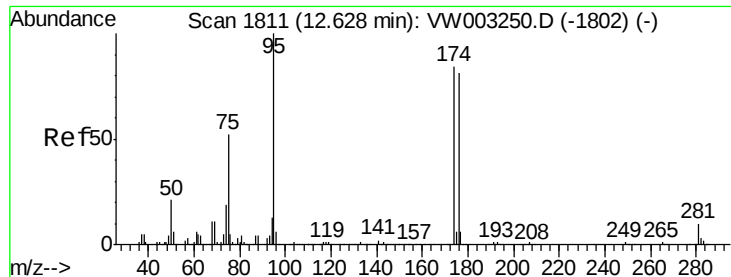
100 61.9 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

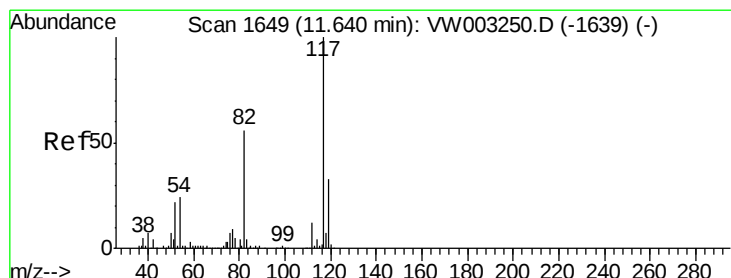
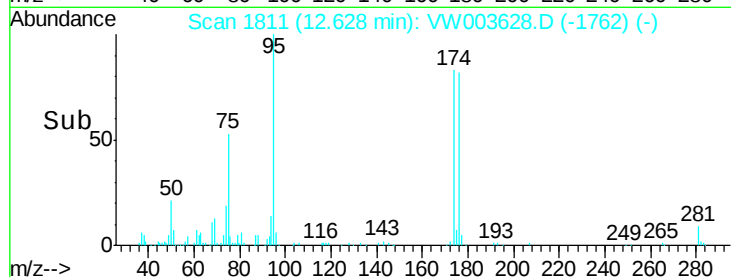
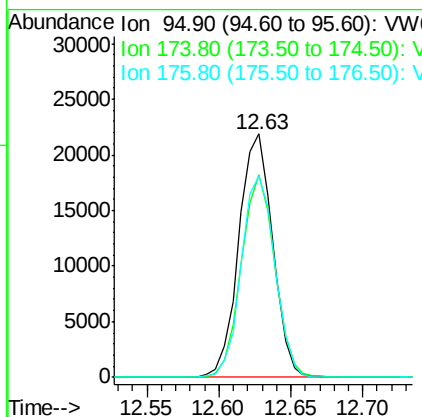
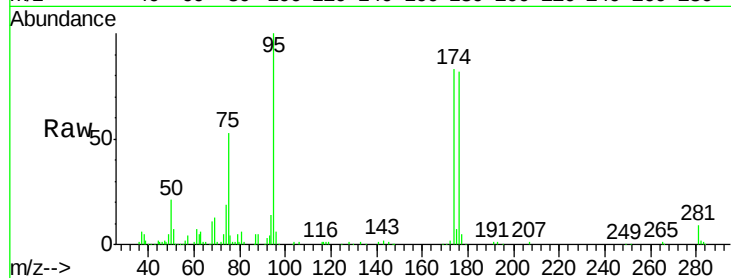




#62
4-Bromofluorobenzene
Concen: 23.426 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

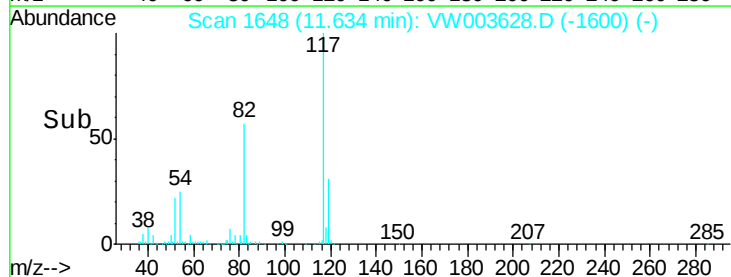
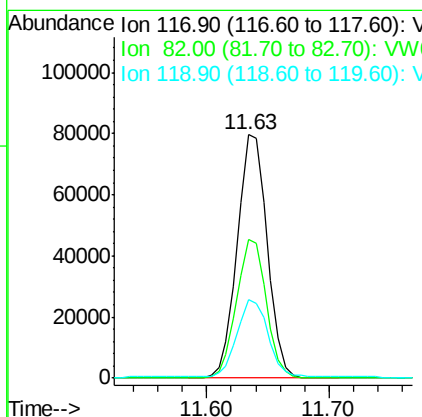
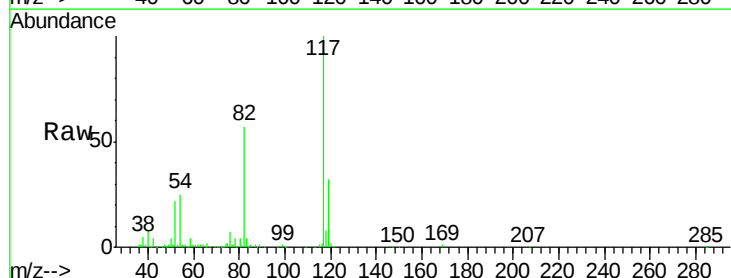
Instrument :
MSVOA_W
ClientSampleId :

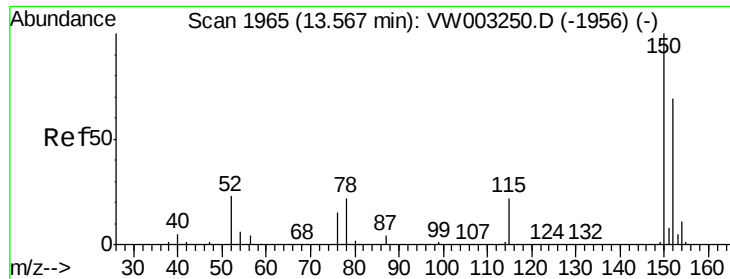
Tot Ion: 95 Resp: 35637
Ion Ratio Lower Upper
95 100
174 81.9 0.0 166.4
176 81.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003628.D
Acq: 27 Jun 2018 21:33

Tgt Ion: 117 Resp: 135311
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 31.5 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: VW003628.D

Acq: 27 Jun 2018 21:33

Instrument :

MSVOA_W

ClientSampled :

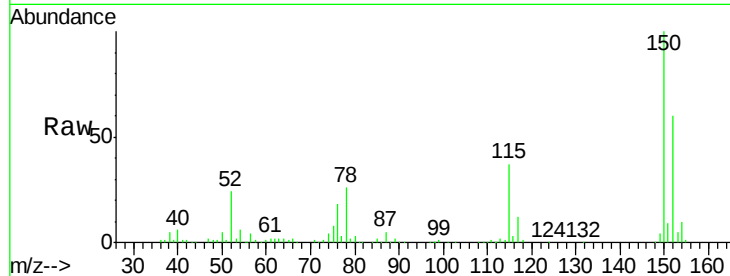
Tot Ion:152 Resp: 39669

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

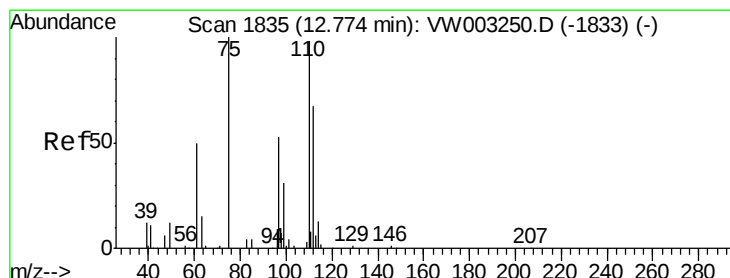
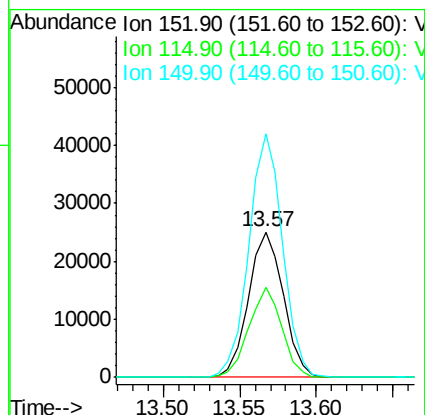
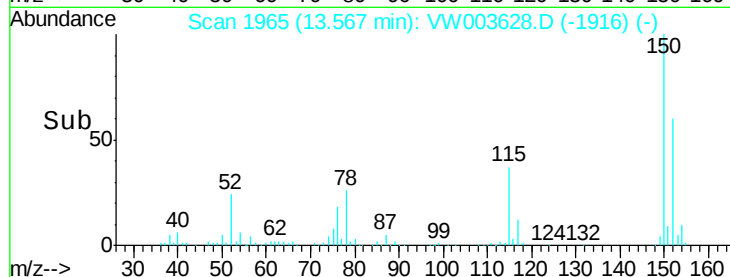
150 161.9 0.0 349.6



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: 57.186 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003628.D

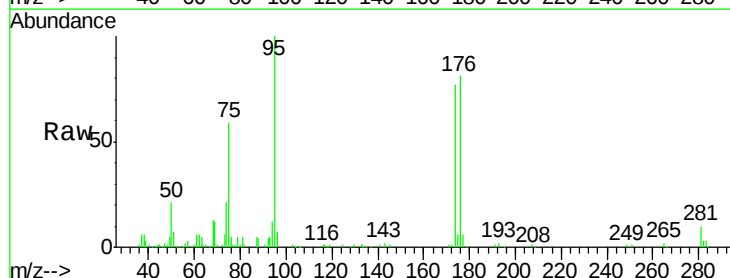
Acq: 27 Jun 2018 21:33

Tgt Ion: 75 Resp: 19393

Ion Ratio Lower Upper

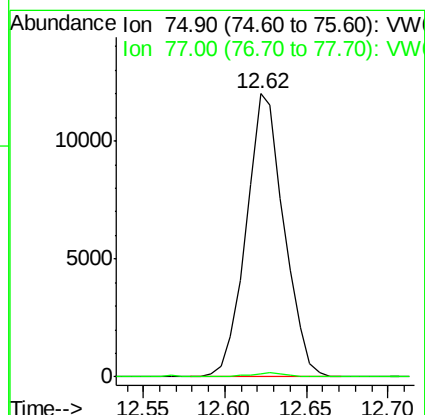
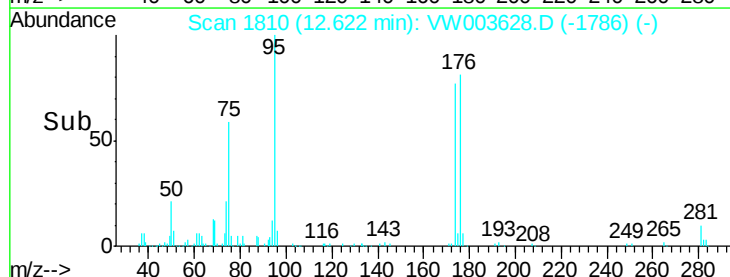
75 100

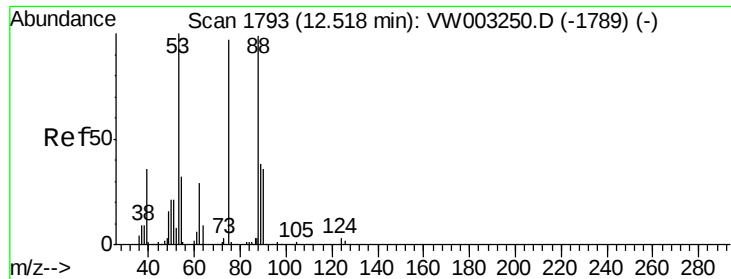
77 1.3 0.0 0.0#



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: 131.587 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003628.D

Acq: 27 Jun 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

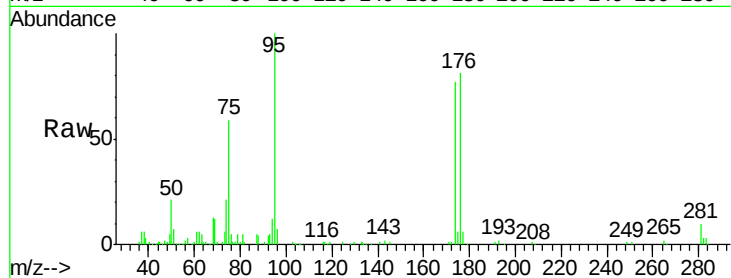
Tot Ion: 75 Resp: 19393

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.4 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

