

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003619.D
 Acq On : 27 Jun 2018 17:41
 Operator : SY/AP
 Sample : J3688-01RE
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:33:50 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	33027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	49764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	43643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16667	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	10481	29.30	ug/l	0.00
Spiked Amount			Recovery	=	58.60%	
35) Dibromofluoromethane	7.88	113	8949	28.94	ug/l	0.00
Spiked Amount			Recovery	=	57.88%	
50) Toluene-d8	10.33	98	23567	19.22	ug/l	0.00
Spiked Amount			Recovery	=	38.44%	
62) 4-Bromofluorobenzene	12.63	95	7401	17.06	ug/l	0.00
Spiked Amount			Recovery	=	34.12%	

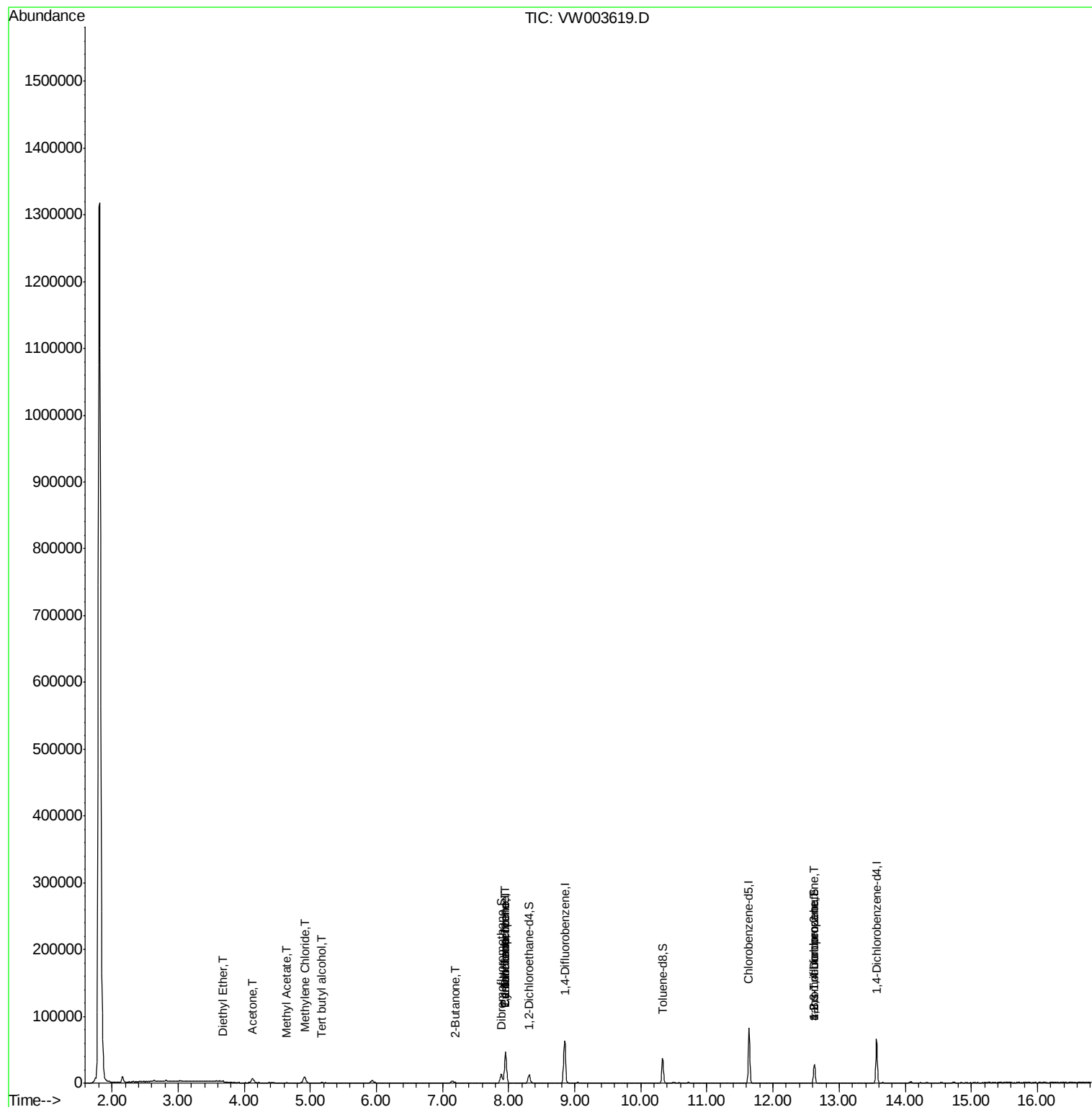
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	177	1.094	ug/l #	1
11) Tert butyl alcohol	5.18	59	400	20.849	ug/l #	84
16) Acetone	4.12	43	11038	147.120	ug/l	98
18) Methyl Acetate	4.65	43	503	2.826	ug/l #	52
20) Methylene Chloride	4.92	84	6101	16.698	ug/l	95
25) 2-Butanone	7.20	43	336	3.601	ug/l #	47
31) Cyclohexane	7.96	56	777	1.344	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	2790	5.805	ug/l #	51
38) Carbon Tetrachloride	7.95	117	3356	7.119	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	4178	29.323	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	4178	67.473	ug/l #	8

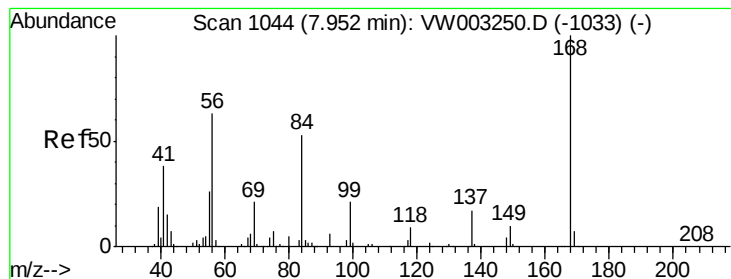
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
Data File : VW003619.D
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Quant Time: Jun 28 05:33:50 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

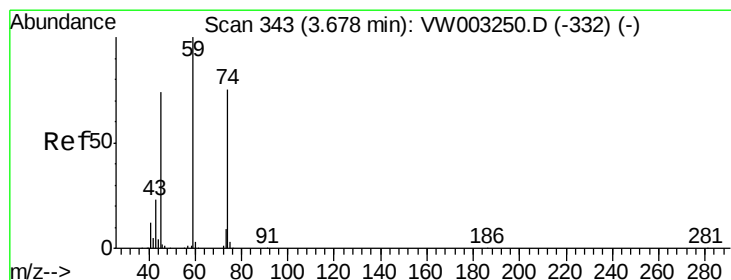
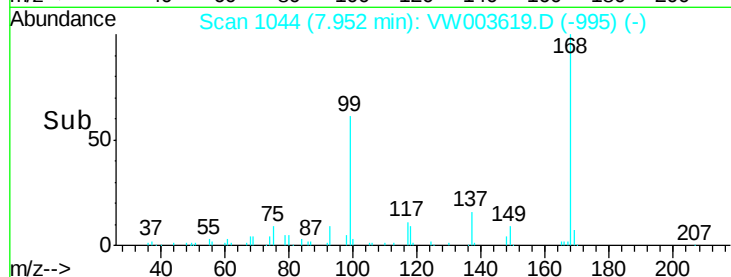
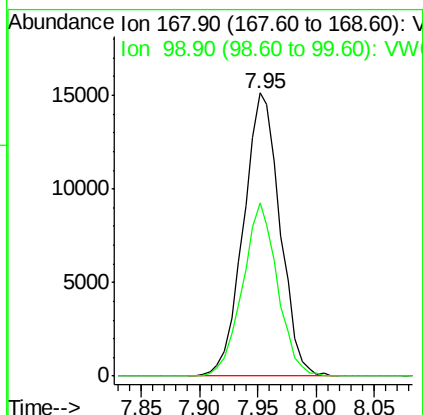
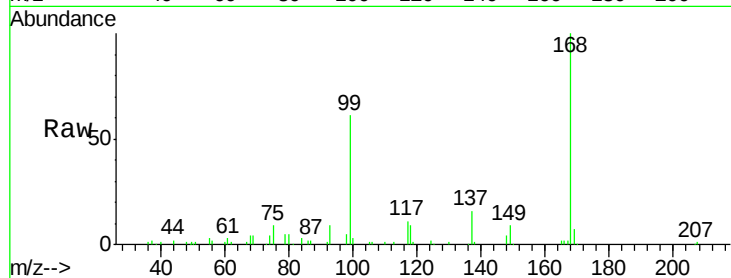




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

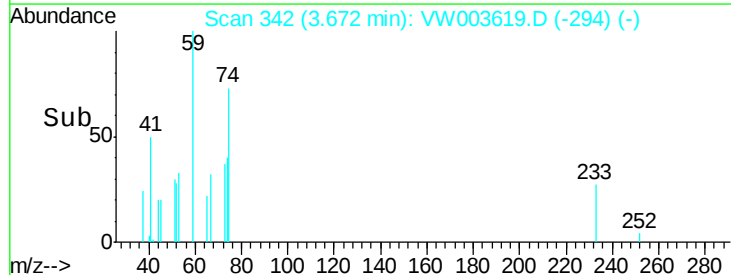
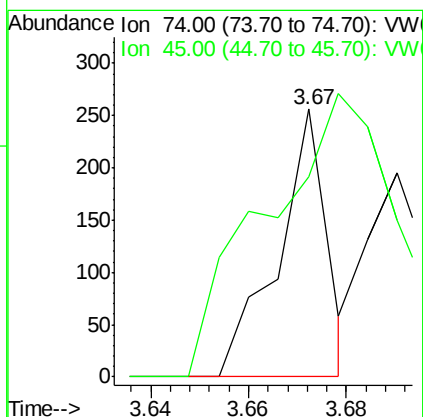
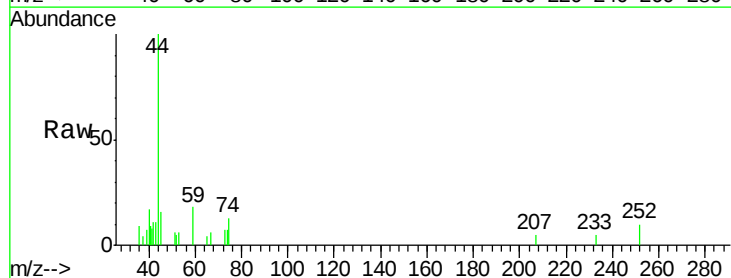
Instrument :
MSVOA_W
ClientSampleId :

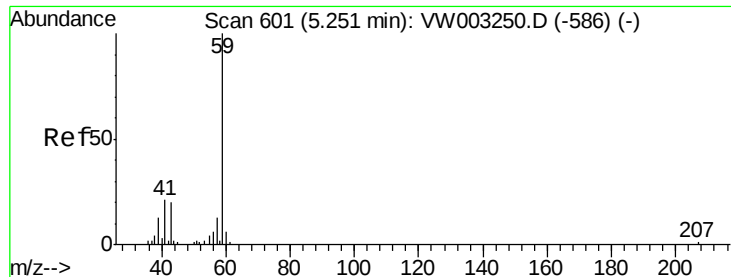
Tot Ion:168 Resp: 33027
Ion Ratio Lower Upper
168 100
99 61.1 45.5 68.3



#8
Diethyl Ether
Concen: 1.094 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Tgt Ion: 74 Resp: 177
Ion Ratio Lower Upper
74 100
45 296.6 51.4 154.2#



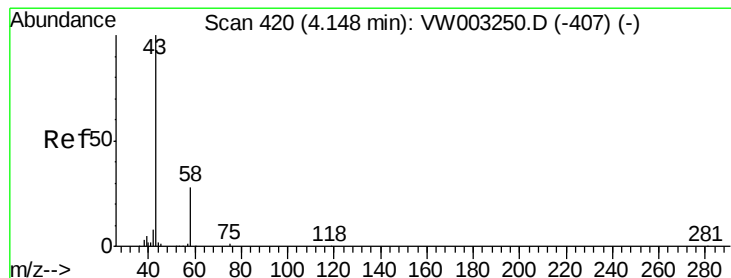
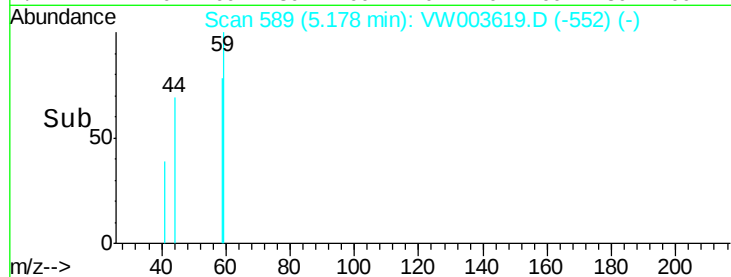
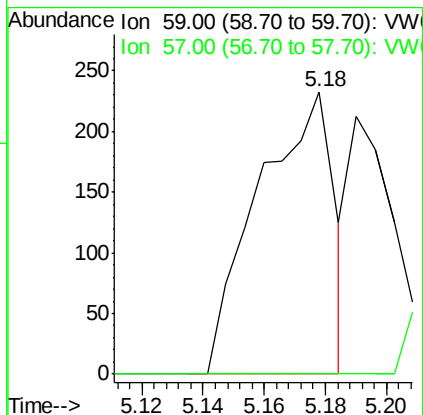
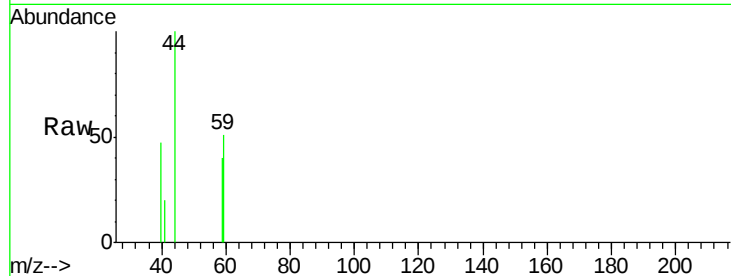


#11

Tert butyl alcohol
 Concen: 20.849 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.07 min
 Lab File: VW003619.D
 Acq: 27 Jun 2018 17:41

Instrument :
 MSVOA_W
 ClientSampled :

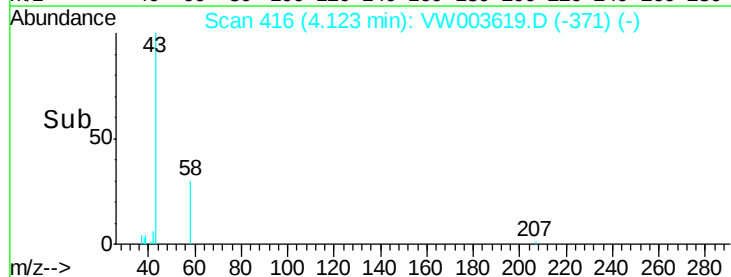
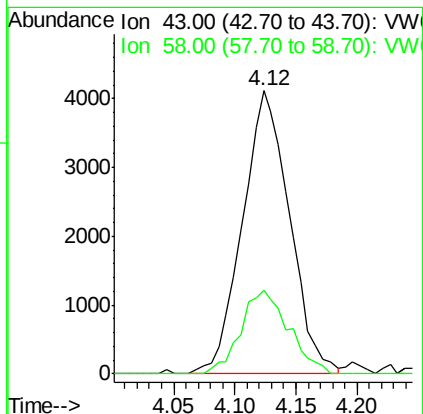
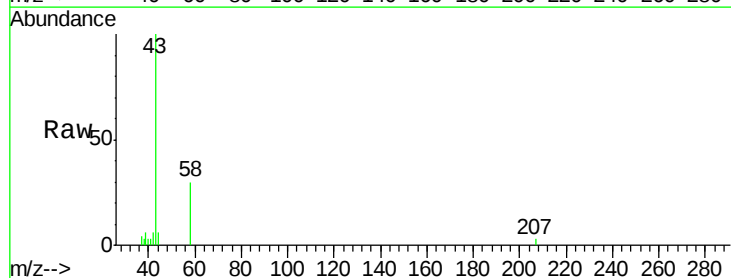
Tot Ion: 59 Resp: 400
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

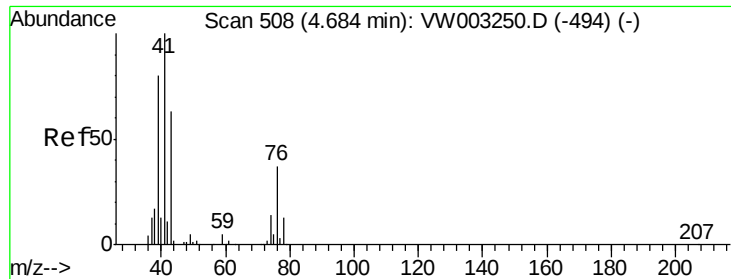


#16

Acetone
 Concen: 147.120 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: VW003619.D
 Acq: 27 Jun 2018 17:41

Tgt Ion: 43 Resp: 11038
 Ion Ratio Lower Upper
 43 100
 58 29.6 22.6 34.0

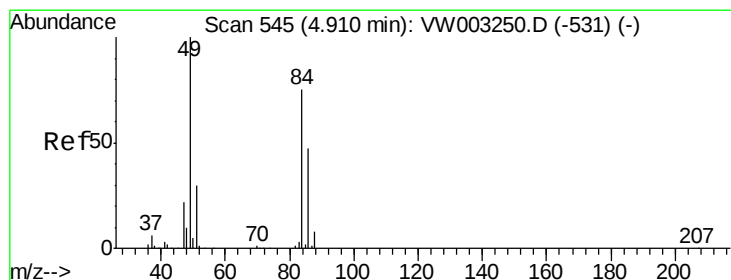
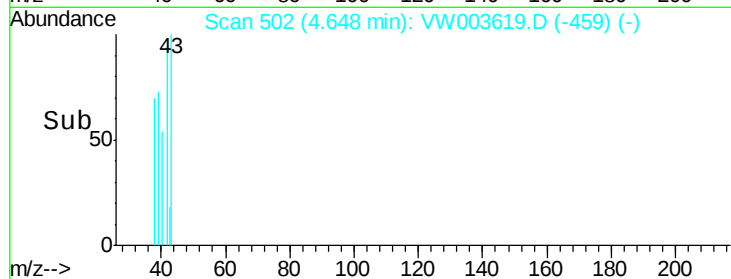
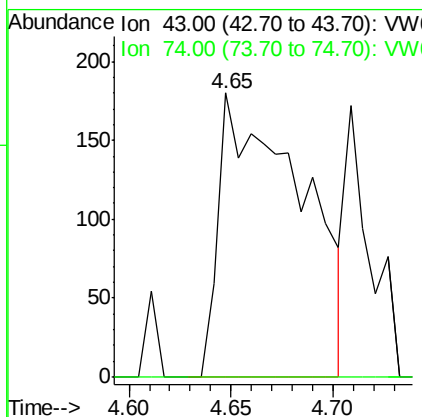
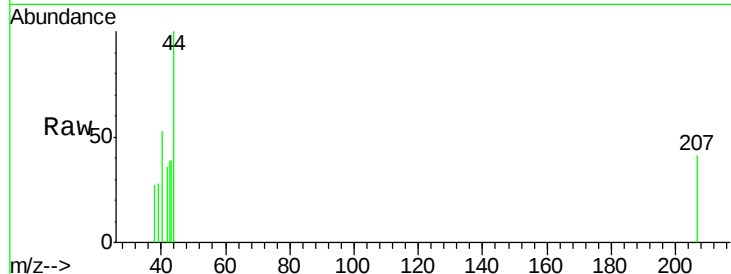




#18
Methvl Acetate
Concen: 2.826 ug/l
RT: 4.65 min Scan# 502
Delta R.T. -0.04 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

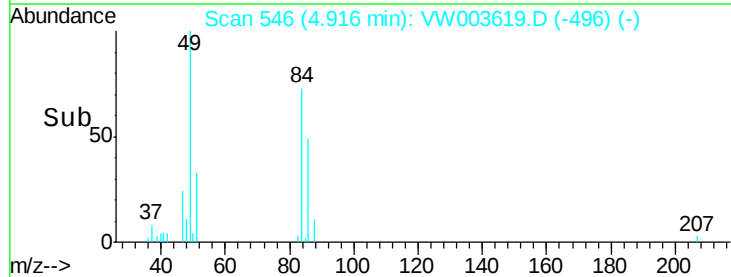
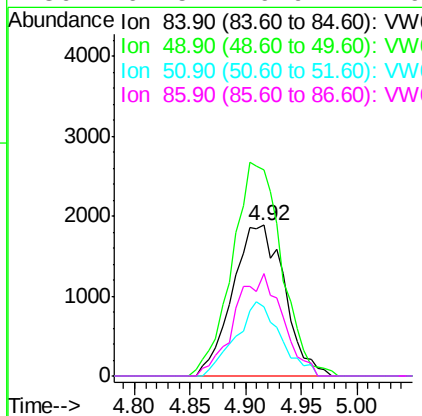
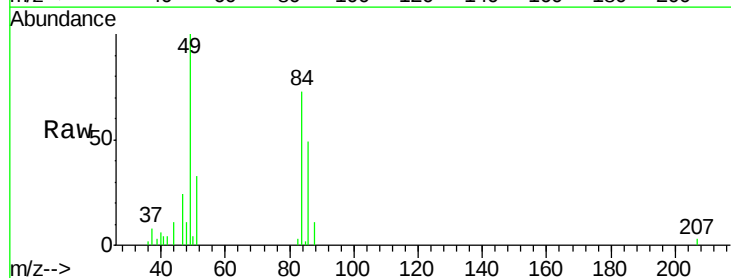
Instrument :
MSVOA_W
ClientSampled :

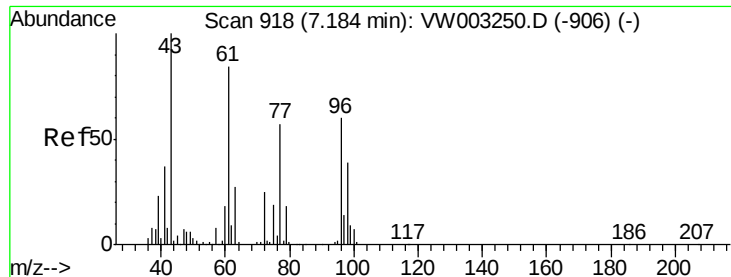
Tot Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 16.698 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Tgt Ion: 84 Resp: 6101
Ion Ratio Lower Upper
84 100
49 137.0 106.3 159.5
51 45.7 32.0 48.0
86 67.5 49.9 74.9





#25

2-Butanone

Concen: 3.601 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003619.D

Acq: 27 Jun 2018 17:41

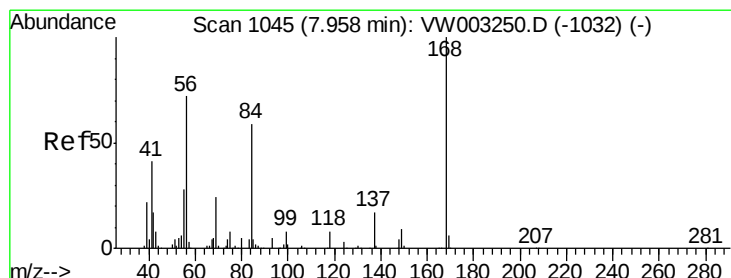
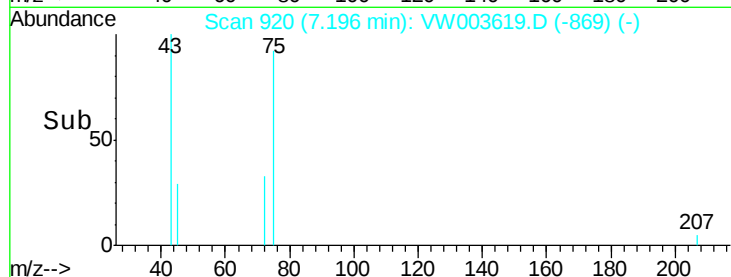
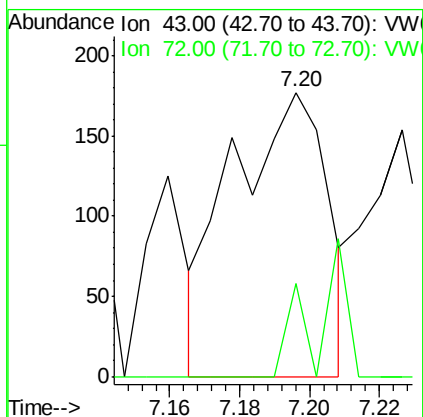
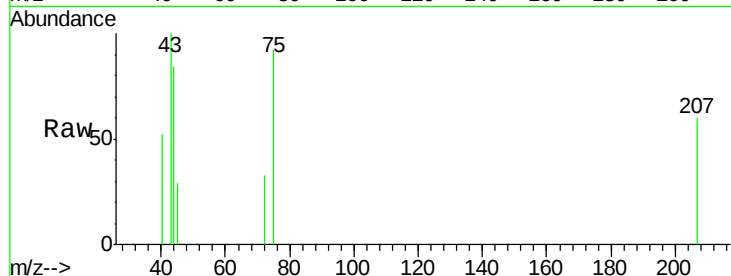
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

72 52.3 20.3 30.5#



#31

Cyclohexane

Concen: 1.344 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003619.D

Acq: 27 Jun 2018 17:41

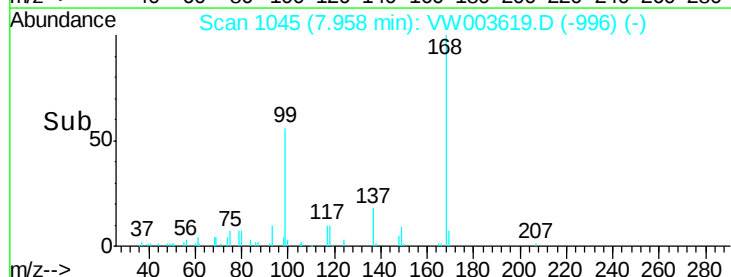
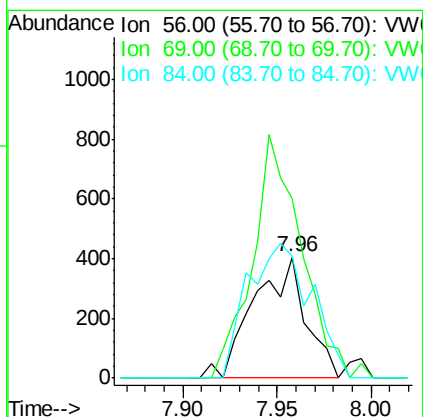
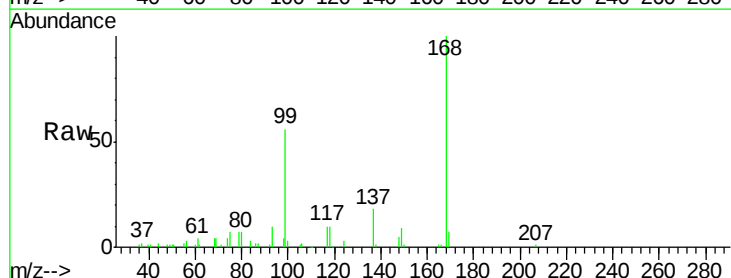
Tgt Ion: 56 Resp: 777

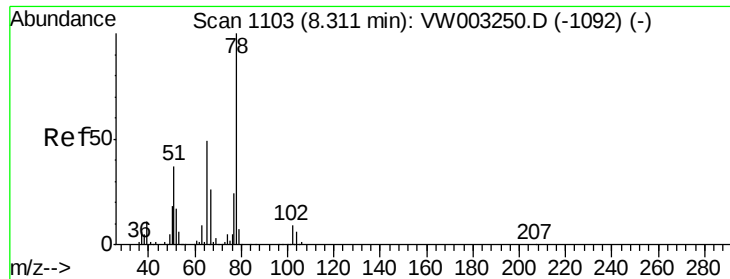
Ion Ratio Lower Upper

56 100

69 148.5 26.3 39.5#

84 100.5 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 29.298 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003619.D

Acq: 27 Jun 2018 17:41

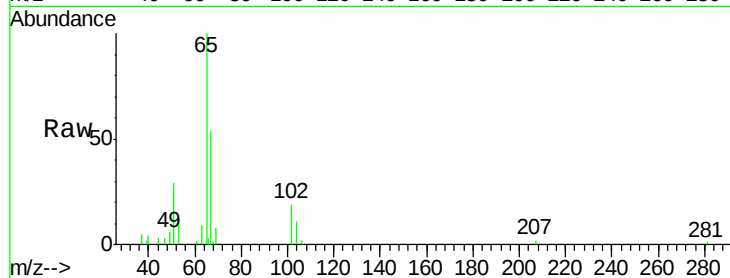
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 65 Resp: 10481

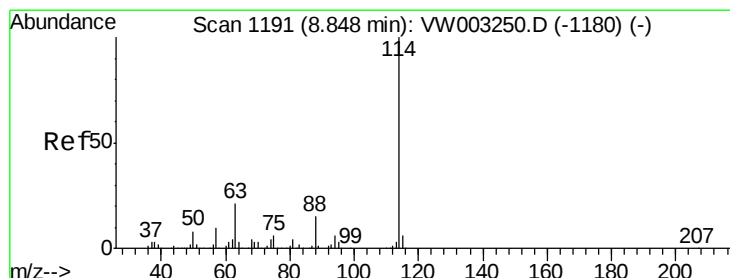
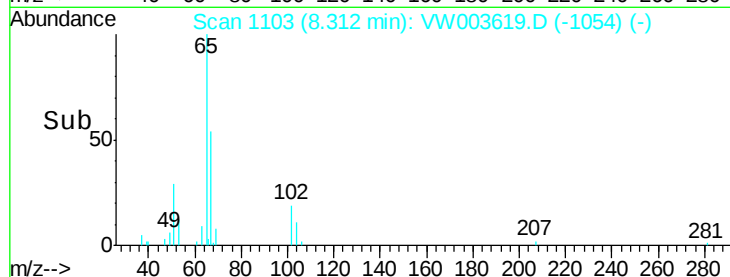
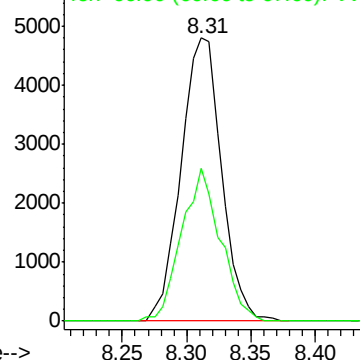
Ion Ratio Lower Upper

65 100

67 51.9 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: VW003619.D

Acq: 27 Jun 2018 17:41

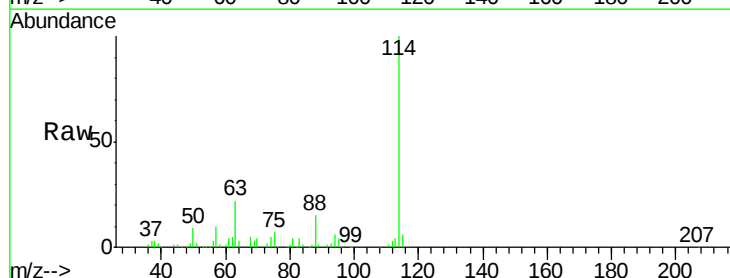
Tgt Ion: 114 Resp: 49764

Ion Ratio Lower Upper

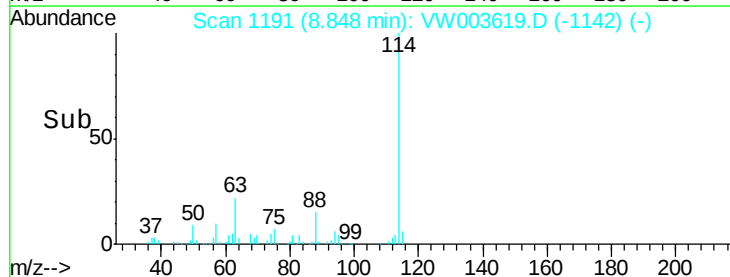
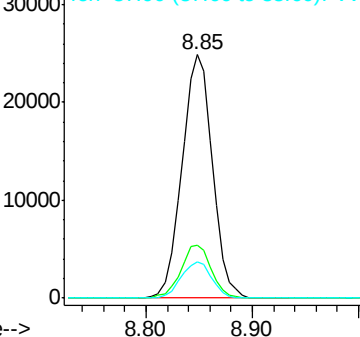
114 100

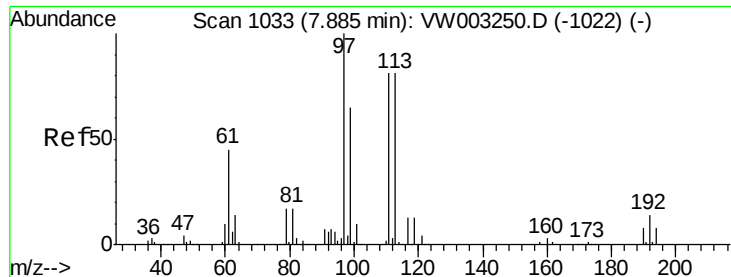
63 21.9 0.0 43.0

88 14.8 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

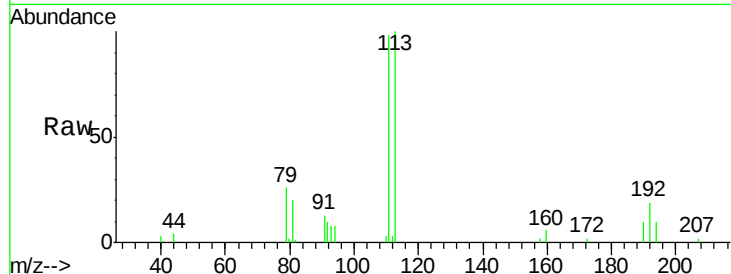




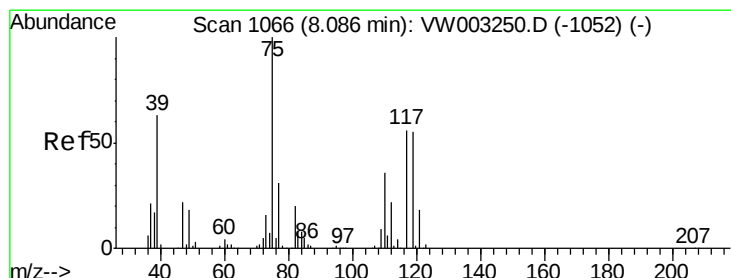
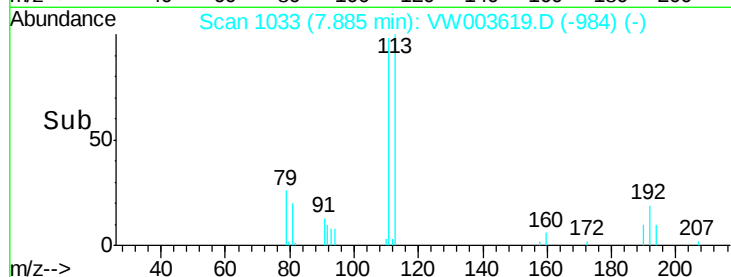
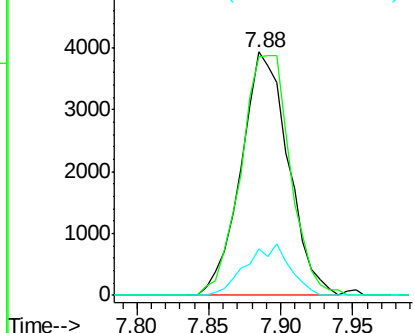
#35
Dibromofluoromethane
Concen: 28.941 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:113 Resp: 8949
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.2 24.2

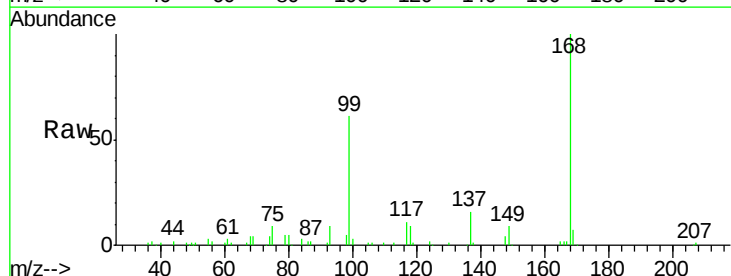


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

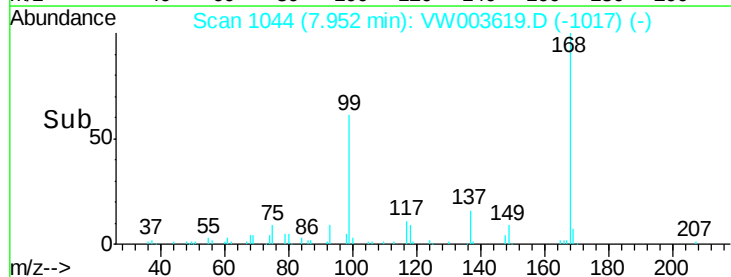
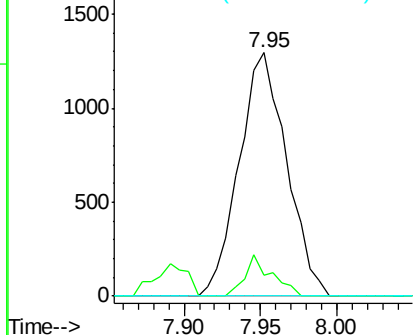


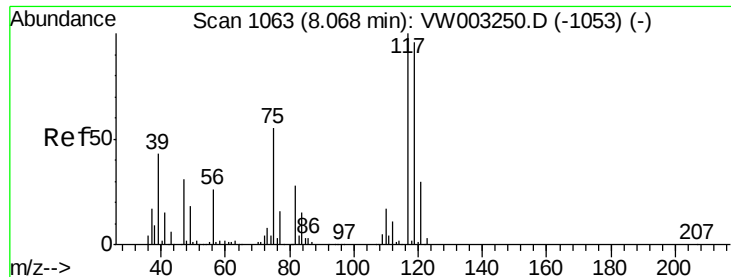
#36
1,1-Dichloropropene
Concen: 5.805 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Tgt Ion: 75 Resp: 2790
Ion Ratio Lower Upper
75 100
110 9.6 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: 7.119 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003619.D

Acq: 27 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

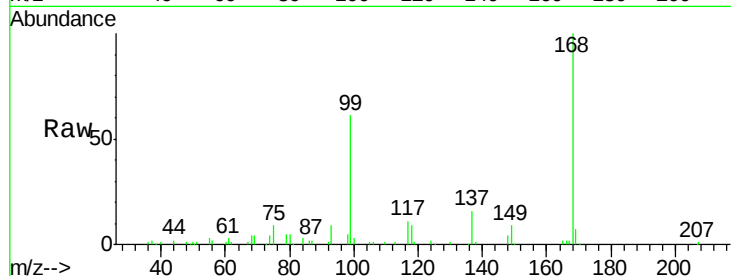
Tot Ion:117 Resp: 3356

Ion Ratio Lower Upper

117 100

119 6.4 76.6 115.0#

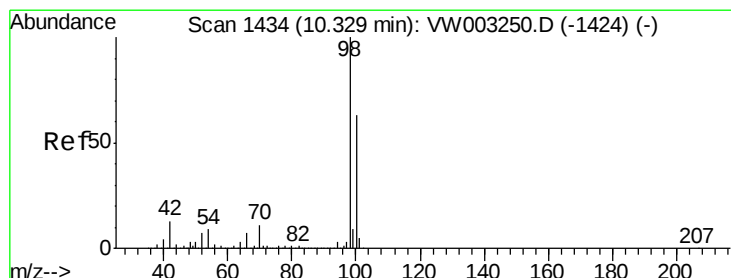
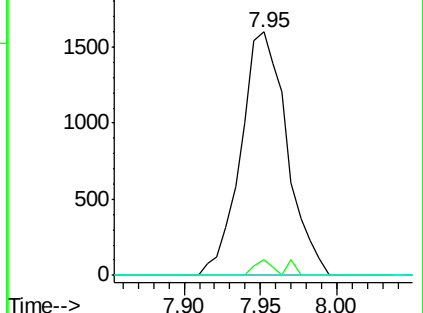
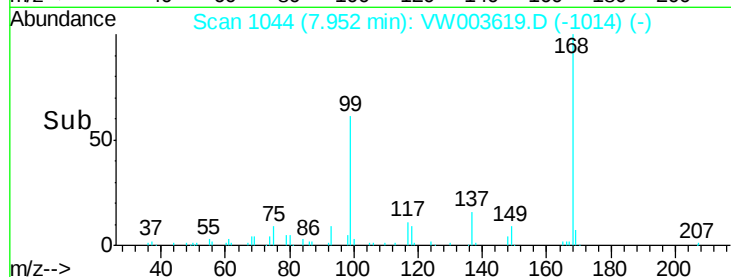
121 0.0 23.9 35.9#



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: 19.221 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003619.D

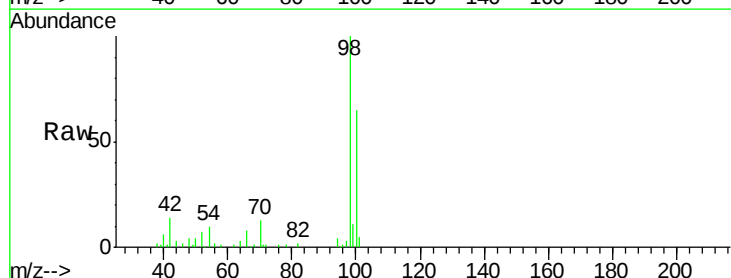
Acq: 27 Jun 2018 17:41

Tgt Ion: 98 Resp: 23567

Ion Ratio Lower Upper

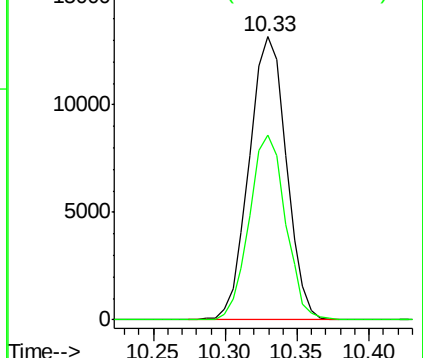
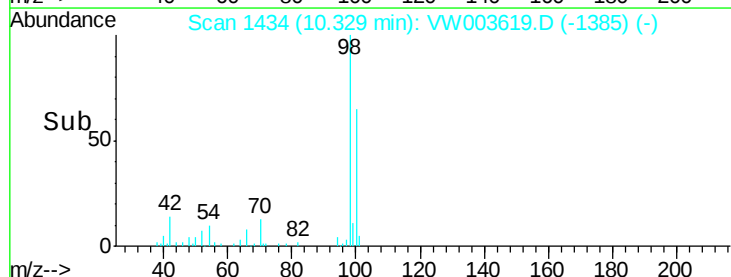
98 100

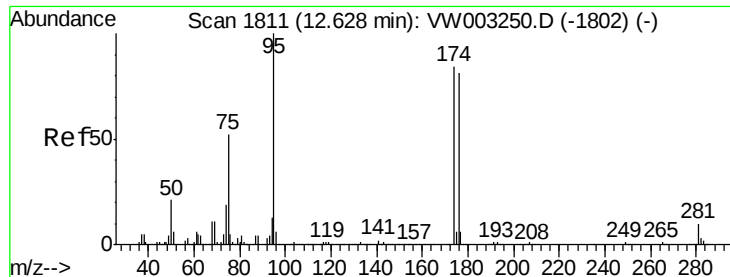
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

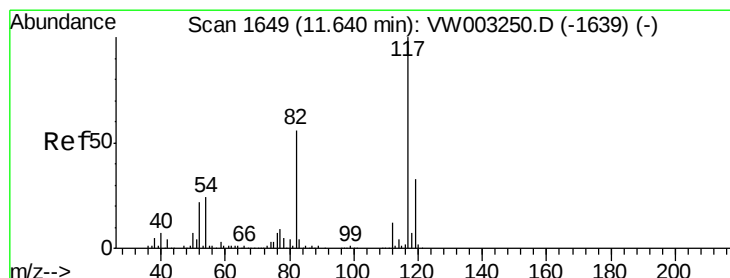
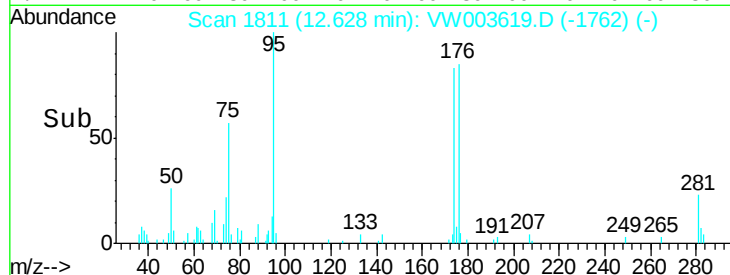
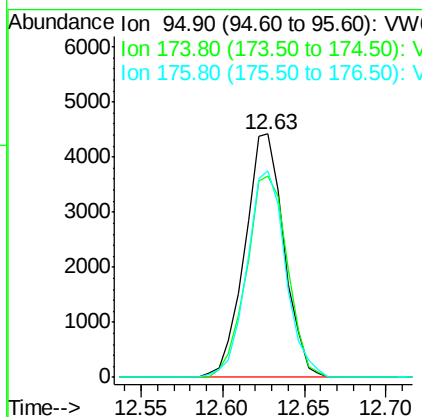
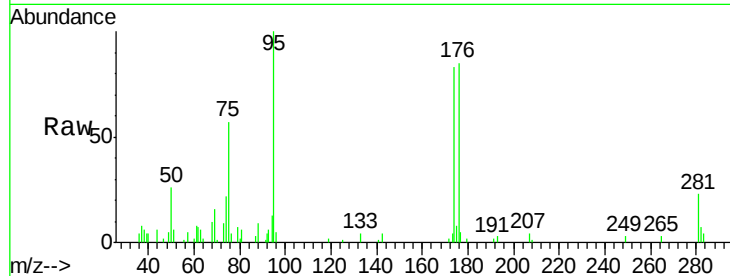




#62
4-Bromofluorobenzene
Concen: 17.056 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

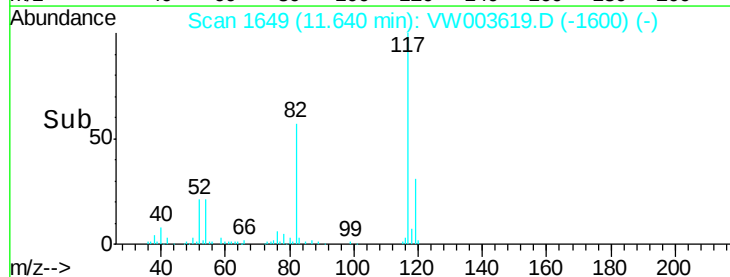
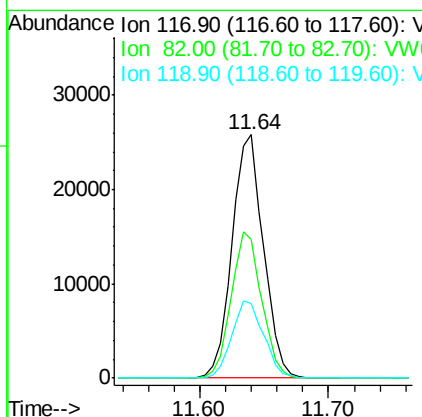
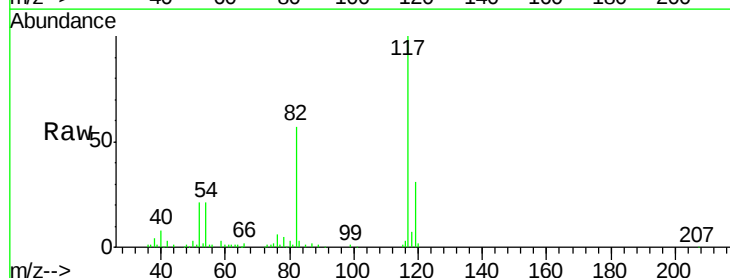
Instrument :
MSVOA_W
ClientSampleId :

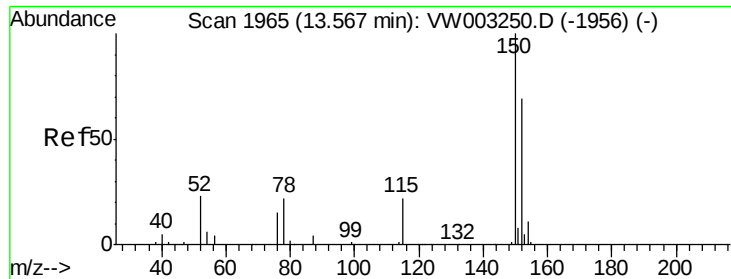
Tot Ion: 95 Resp: 7401
Ion Ratio Lower Upper
95 100
174 86.1 0.0 166.4
176 83.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Tgt Ion: 117 Resp: 43643
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 30.8 26.7 40.1



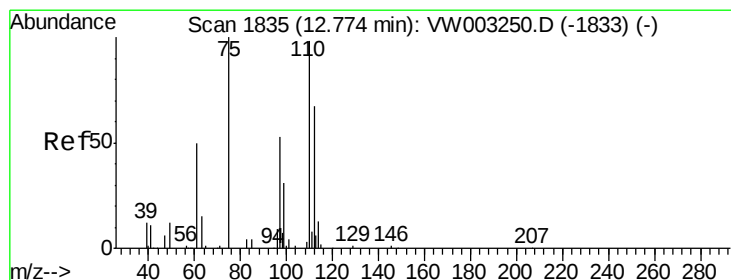
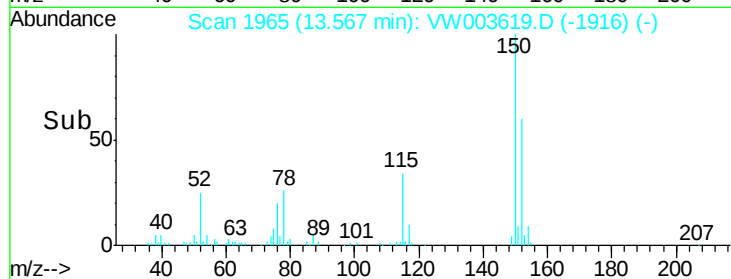
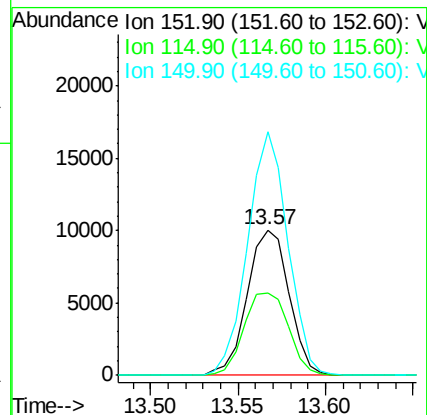
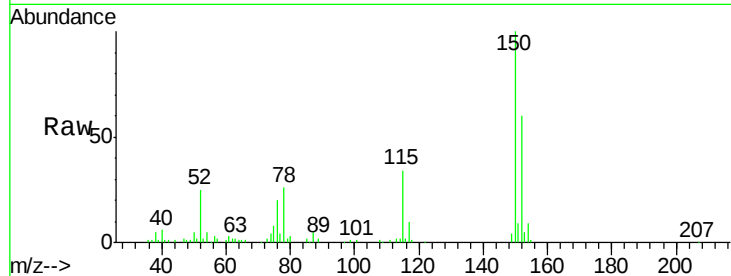


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Instrument :
MSVOA_W
ClientSampled :

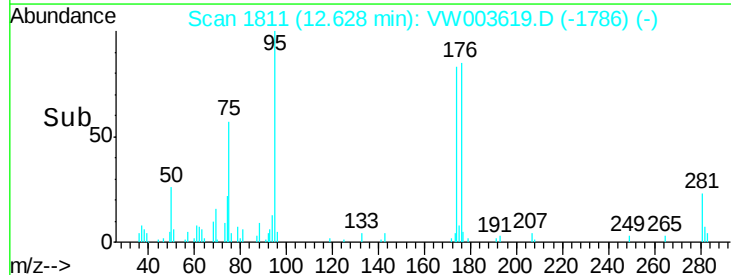
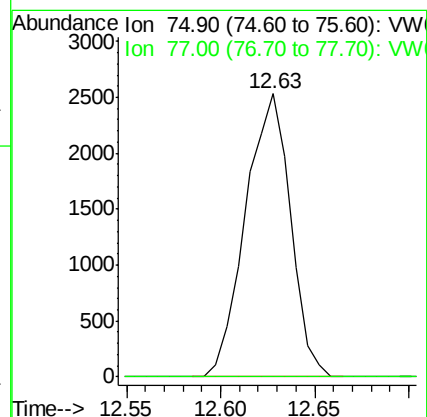
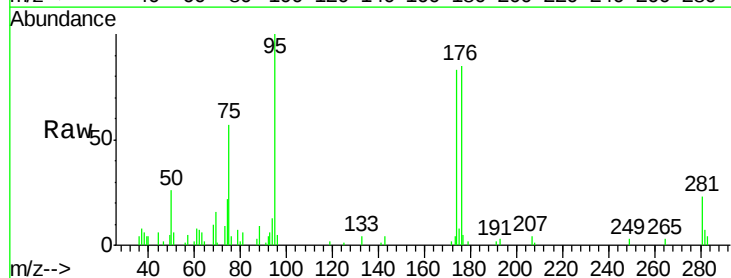
Tot Ion:152 Resp: 16667
Ion Ratio Lower Upper
152 100
115 60.9 29.3 88.0
150 160.8 0.0 349.6

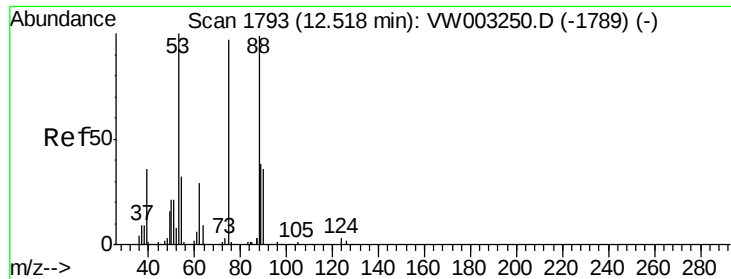


#76

1,2,3-Trichloropropane
Concen: 29.323 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW003619.D
Acq: 27 Jun 2018 17:41

Tgt Ion: 75 Resp: 4178
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.473 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003619.D

Acq: 27 Jun 2018 17:41

Instrument :

MSVOA_W

ClientSampleId :

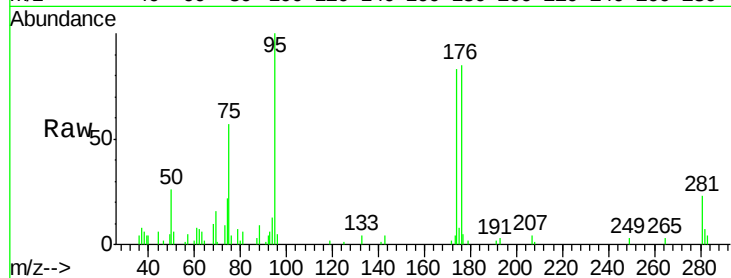
Tot Ion: 75 Resp: 4178

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

