

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003671.D
 Acq On : 29 Jun 2018 19:51
 Operator : SY/AP
 Sample : J3773-02RE
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:43:13 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	102270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	180584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	23517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88715	80.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.18%	
35) Dibromofluoromethane	7.88	113	79778	71.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.20%	
50) Toluene-d8	10.33	98	224089	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.63	95	40503	25.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.44%	

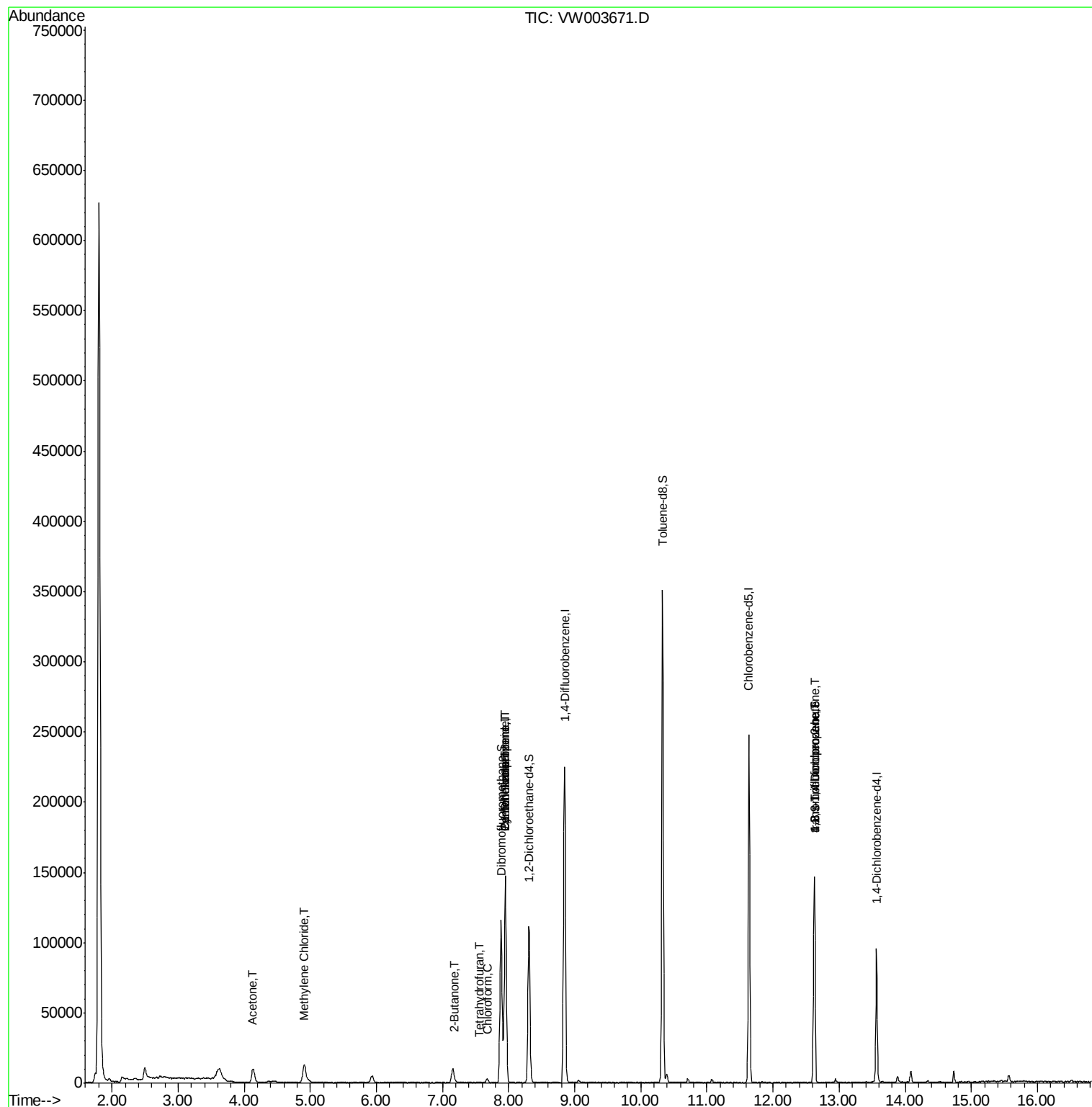
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	18309	78.807	ug/l	94
20) Methylene Chloride	4.92	84	10472	7.490	ug/l	95
25) 2-Butanone	7.19	43	1134	3.925	ug/l	97
29) Tetrahydrofuran	7.55	42	188	1.065	ug/l #	52
30) Chloroform	7.67	83	2332	1.195	ug/l	90
31) Cyclohexane	7.95	56	2881	1.610	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	8589	4.925	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10333	6.040	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	22159	110.220	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22159	253.623	ug/l #	9

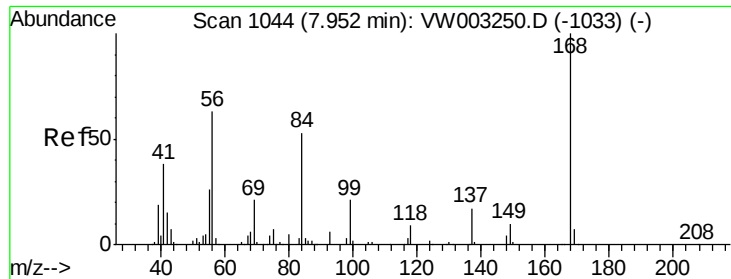
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003671.D

Acq: 29 Jun 2018 19:51

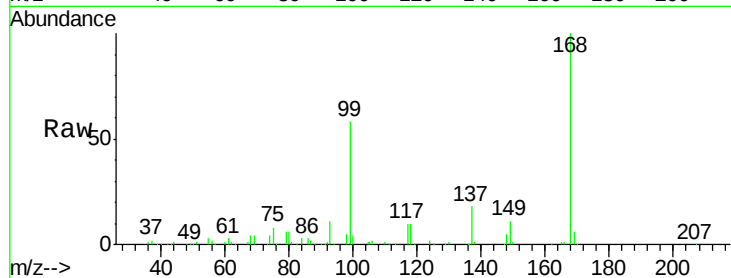
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 102270

Ion Ratio Lower Upper

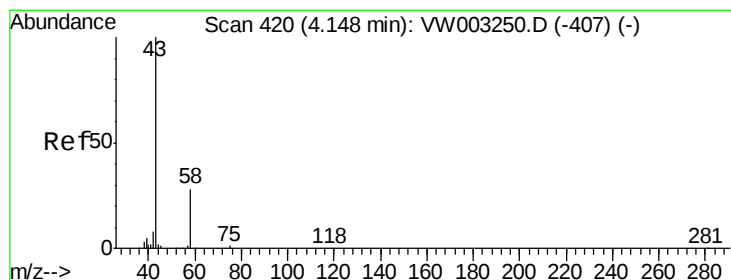
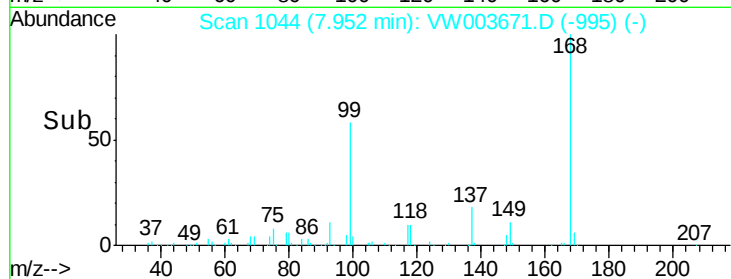
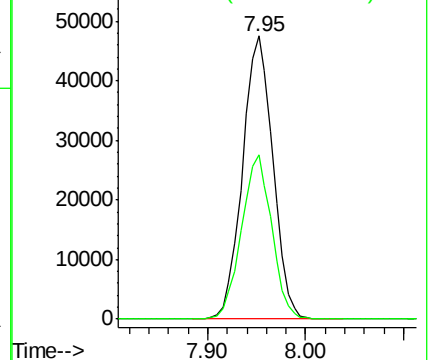
168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 78.807 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VW003671.D

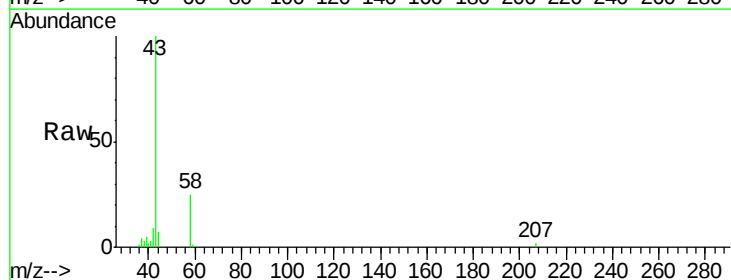
Acq: 29 Jun 2018 19:51

Tgt Ion: 43 Resp: 18309

Ion Ratio Lower Upper

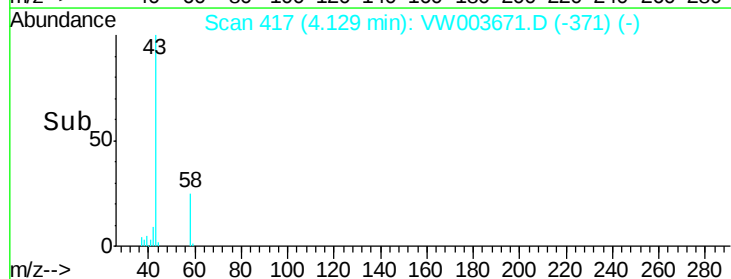
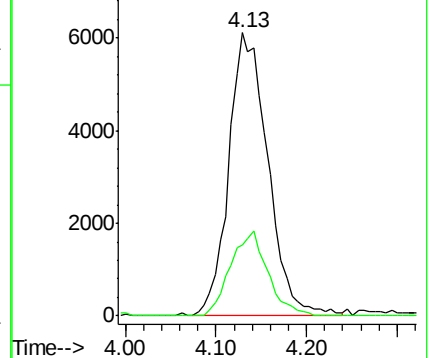
43 100

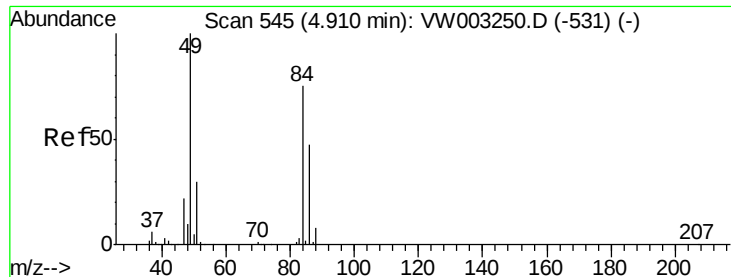
58 25.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

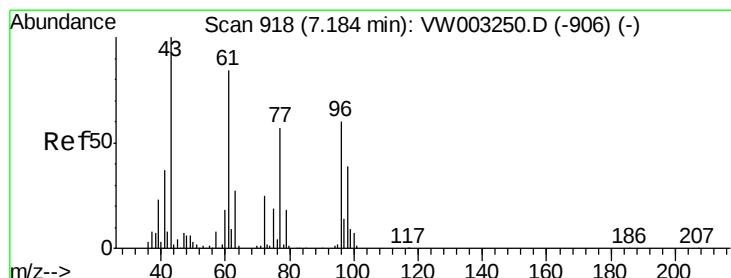
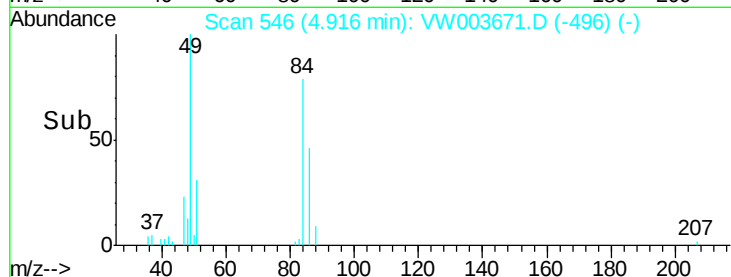
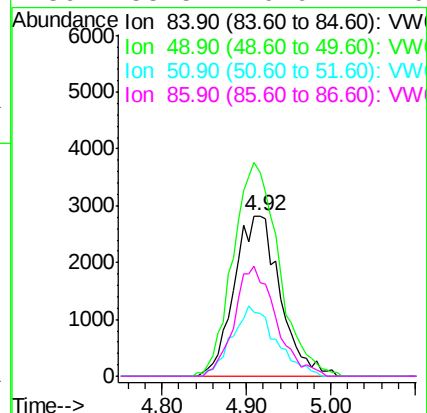
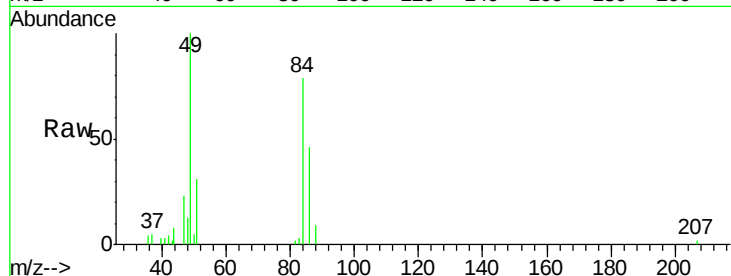




#20
Methvlene Chloride
Concen: 7.490 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

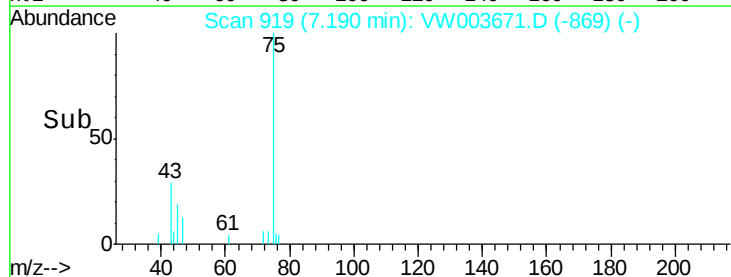
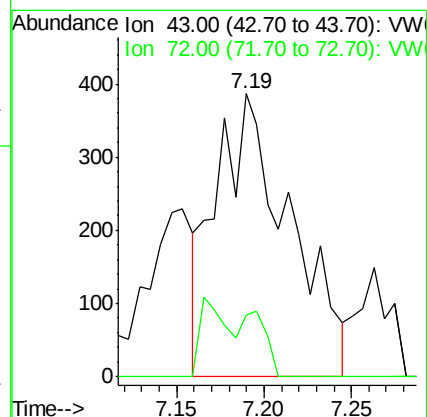
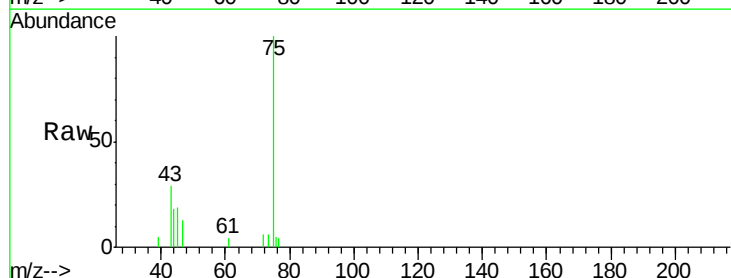
Instrument :
MSVOA_W
ClientSampleId :

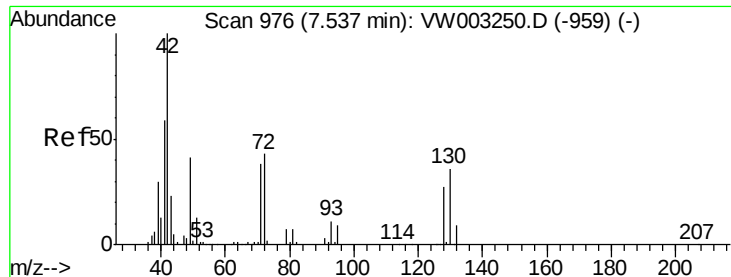
Tot Ion:	84	Resp:	10472
Ion	Ratio	Lower	Upper
84	100		
49	126.5	106.3	159.5
51	39.2	32.0	48.0
86	58.5	49.9	74.9



#25
2-Butanone
Concen: 3.925 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

Tgt Ion:	43	Resp:	1134
Ion	Ratio	Lower	Upper
43	100		
72	27.1	20.3	30.5

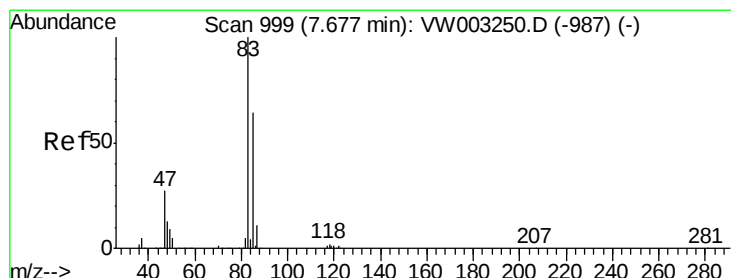
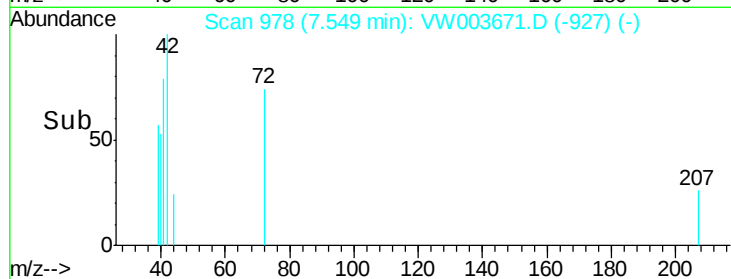
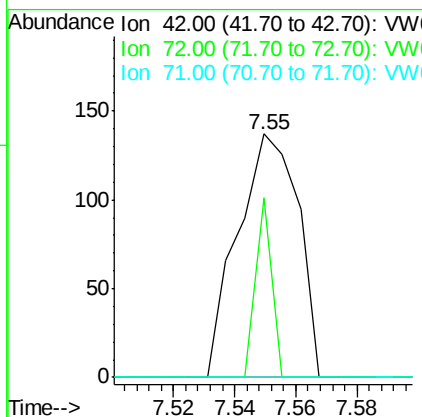
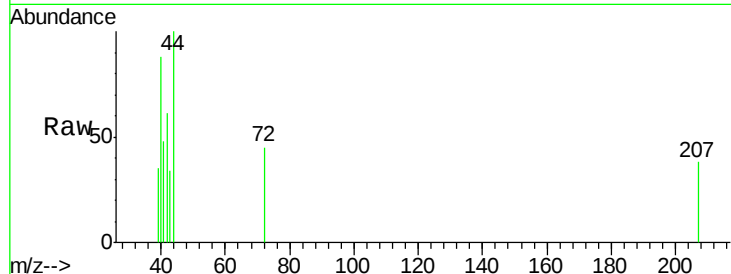




#29
Tetrahydrofuran
Concen: 1.065 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

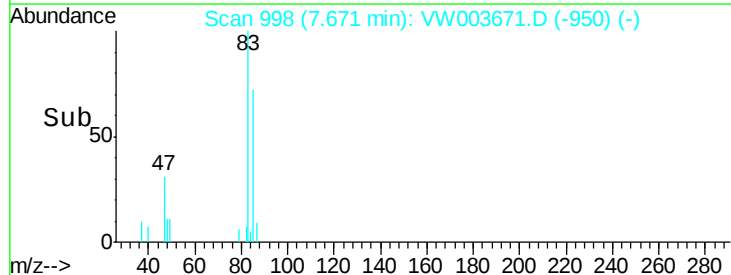
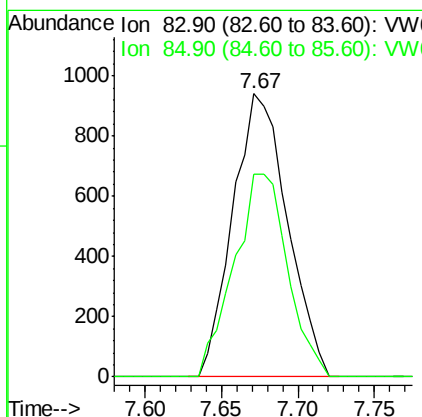
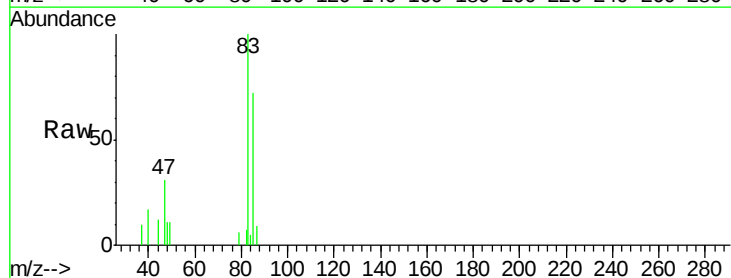
Instrument :
MSVOA_W
ClientSampled :

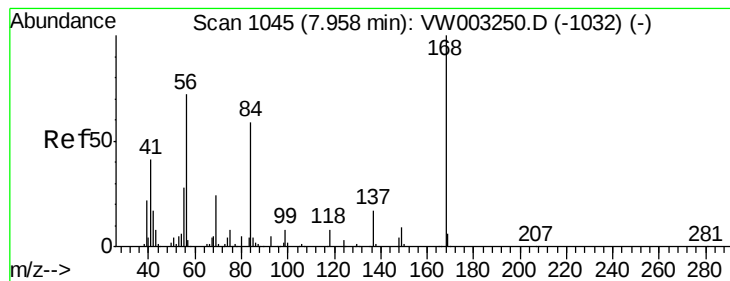
Tot Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 19.7 32.4 48.6#
71 0.0 31.2 46.8#



#30
Chloroform
Concen: 1.195 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

Tgt Ion: 83 Resp: 2332
Ion Ratio Lower Upper
83 100
85 71.8 51.3 76.9





#31

Cyclohexane

Concen: 1.610 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

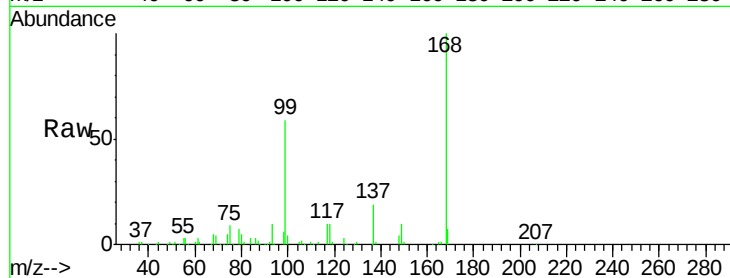
Lab File: VW003671.D

Acq: 29 Jun 2018 19:51

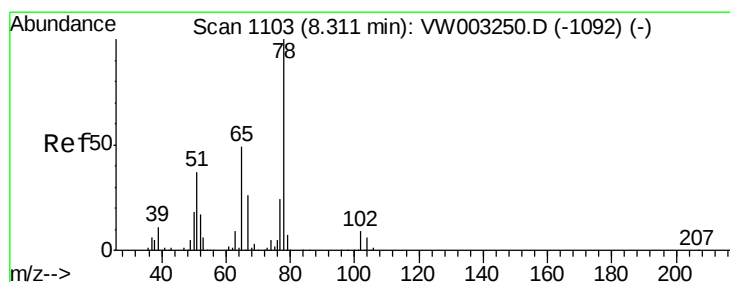
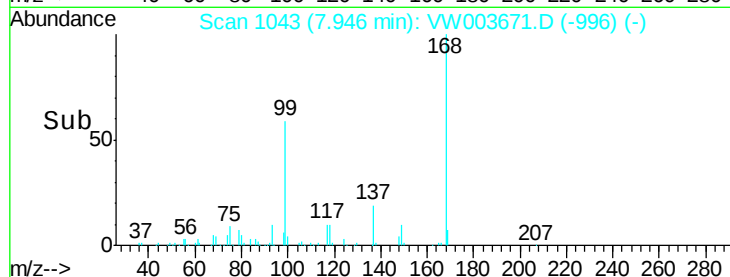
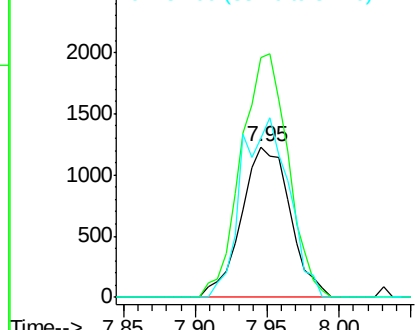
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2881

Ion	Ratio	Lower	Upper
56	100		
69	159.9	26.3	39.5#
84	105.8	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: 80.086 ug/l

RT: 8.31 min Scan# 1102

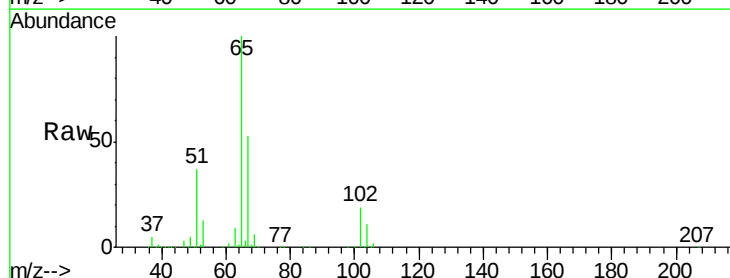
Delta R.T. -0.01 min

Lab File: VW003671.D

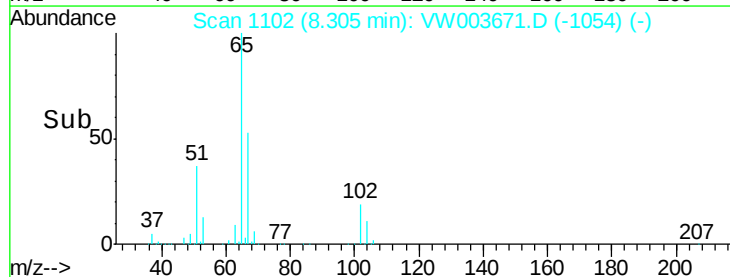
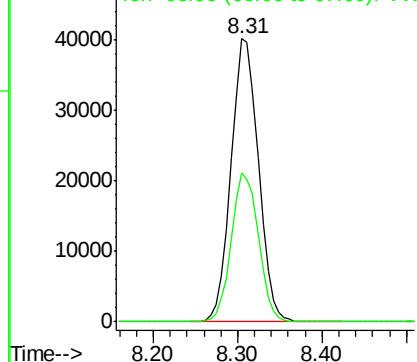
Acq: 29 Jun 2018 19:51

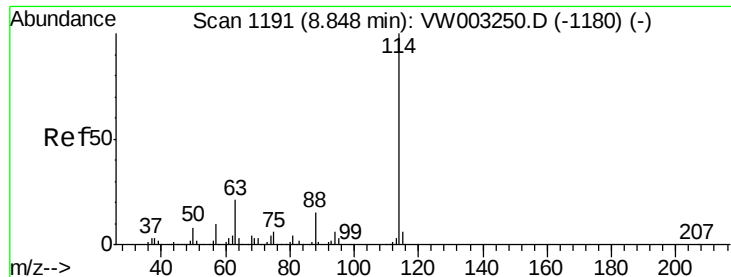
Tgt Ion: 65 Resp: 88715

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

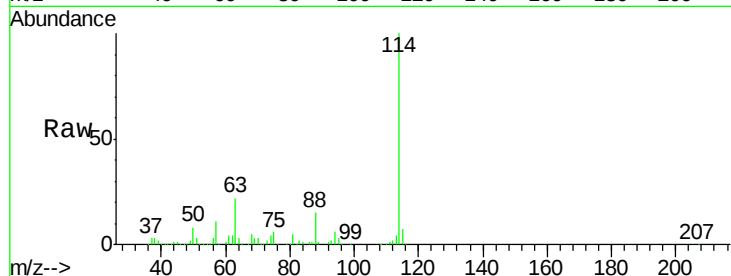




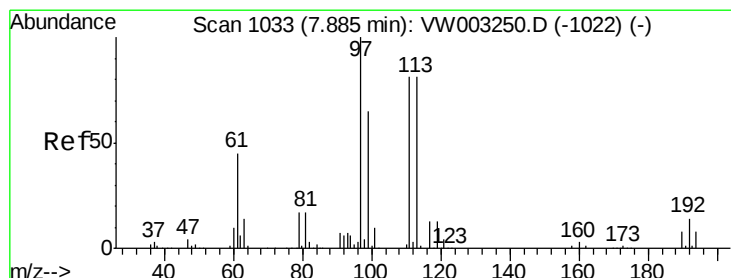
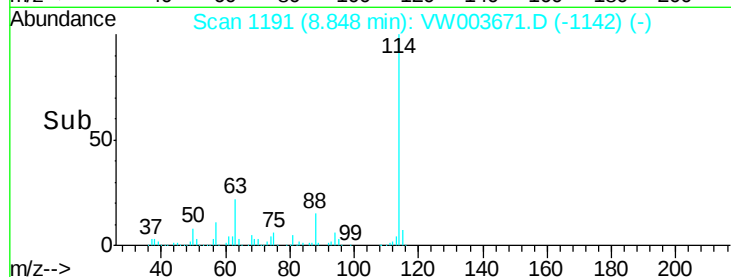
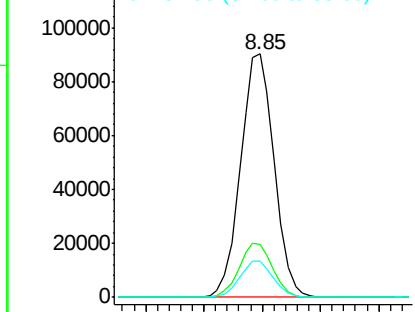
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003671.D
 Acq: 29 Jun 2018 19:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.0
88	14.7	0.0	29.6

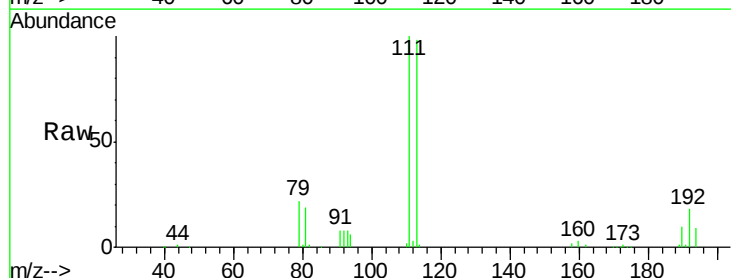


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

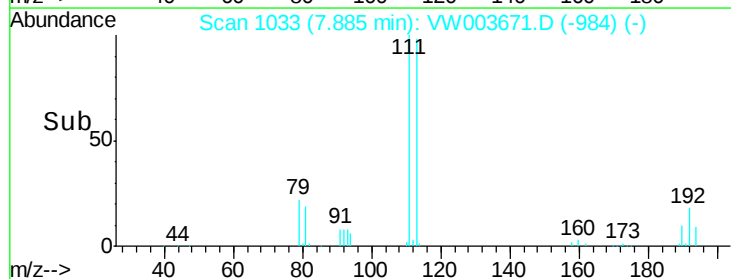
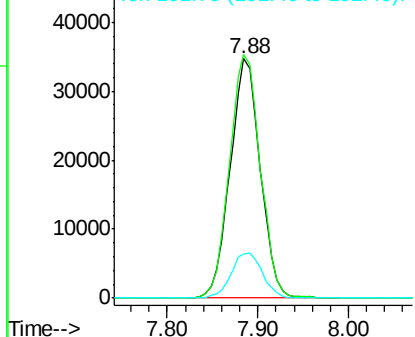


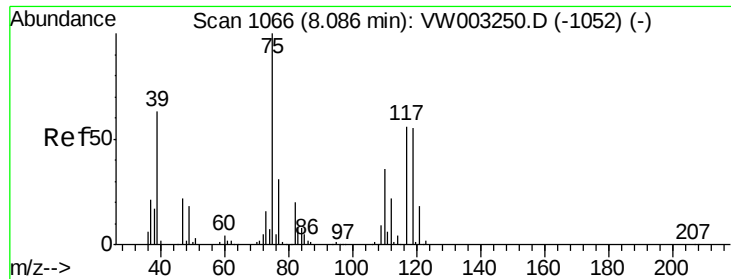
#35
 Dibromofluoromethane
 Concen: 71.097 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003671.D
 Acq: 29 Jun 2018 19:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	19.9	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: 4.925 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003671.D

Acq: 29 Jun 2018 19:51

Instrument :
MSVOA_W
ClientSampled :

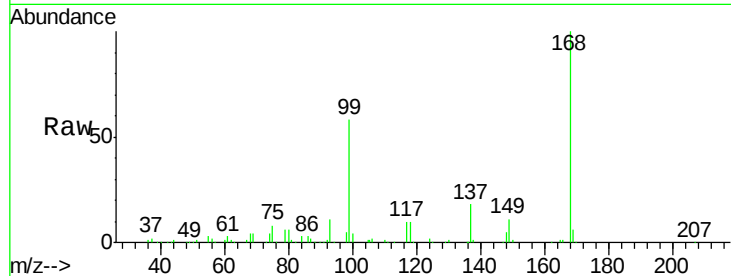
Tot Ion: 75 Resp: 8589

Ion Ratio Lower Upper

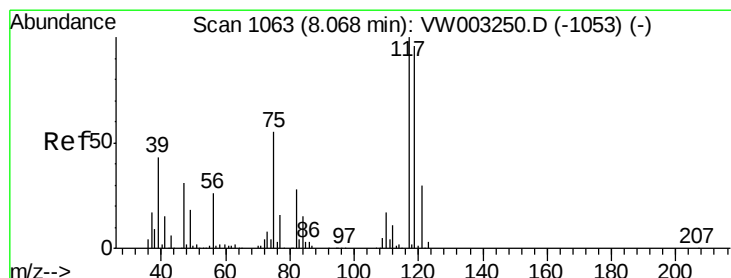
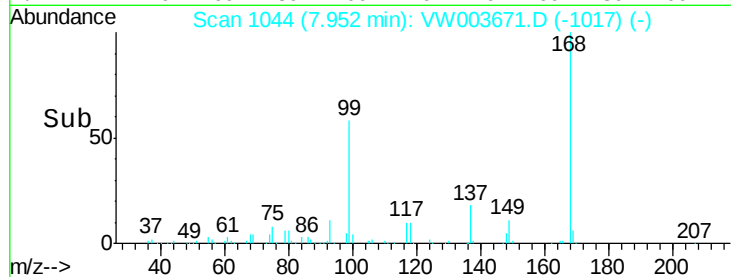
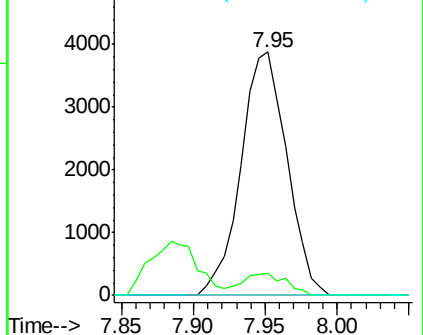
75 100

110 8.5 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: 6.040 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003671.D

Acq: 29 Jun 2018 19:51

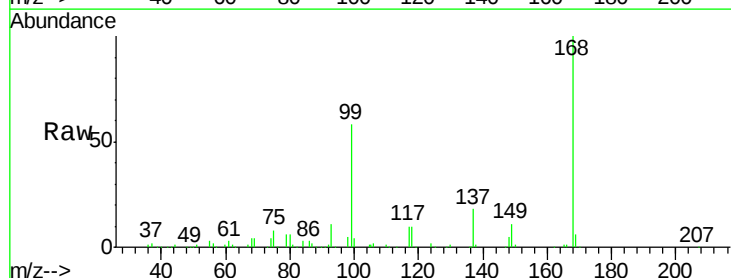
Tgt Ion: 117 Resp: 10333

Ion Ratio Lower Upper

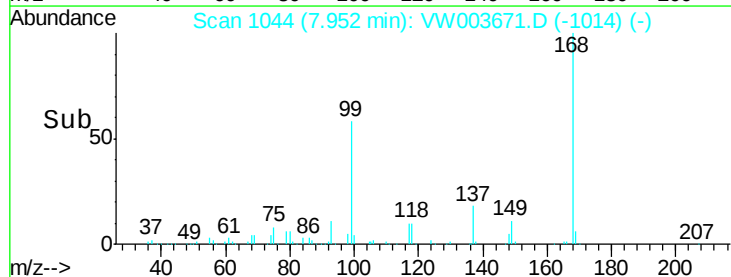
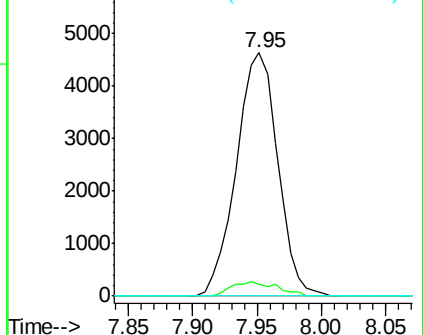
117 100

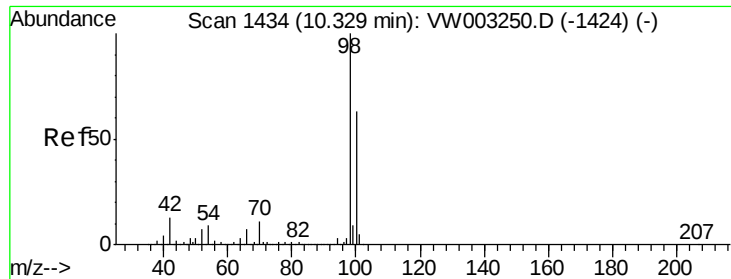
119 5.0 76.6 115.0#

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: 50.364 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003671.D

Acq: 29 Jun 2018 19:51

Instrument :

MSVOA_W

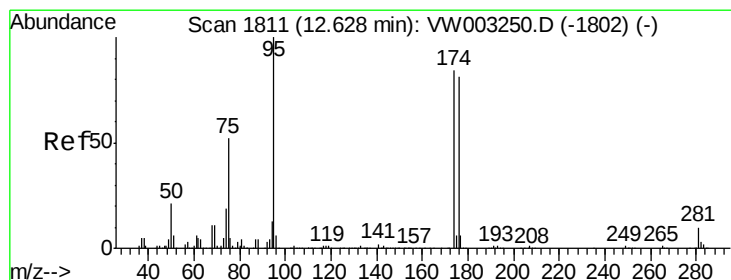
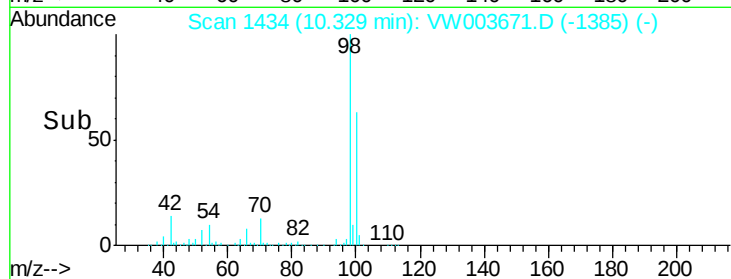
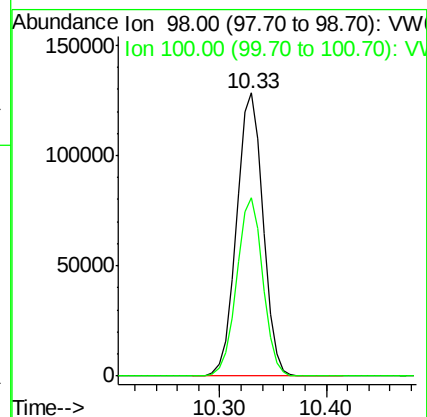
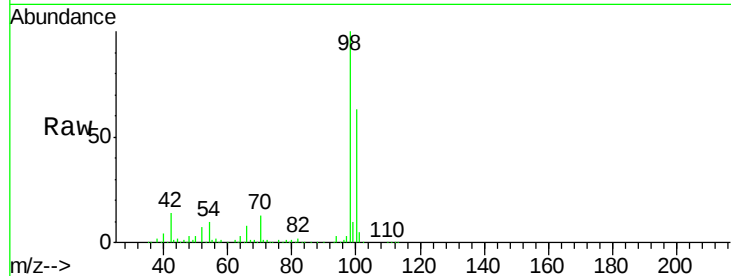
ClientSampleId :

Tot Ion: 98 Resp: 224089

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 25.723 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003671.D

Acq: 29 Jun 2018 19:51

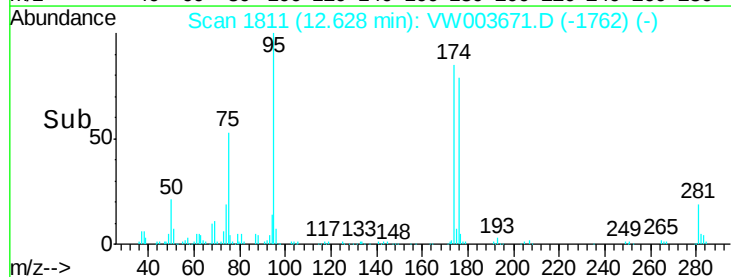
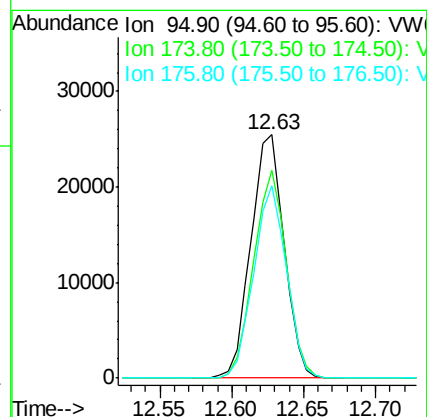
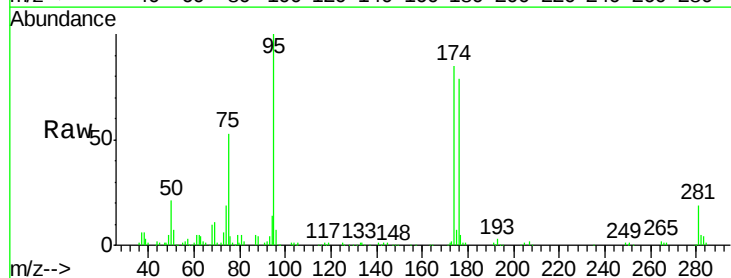
Tgt Ion: 95 Resp: 40503

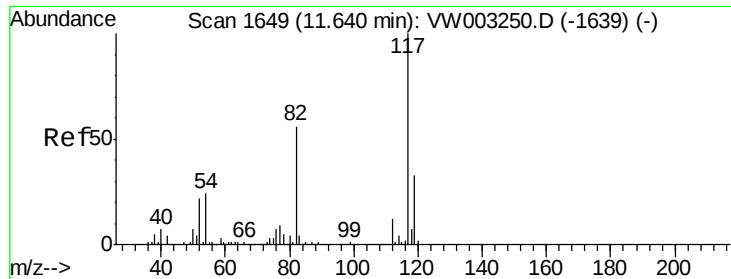
Ion Ratio Lower Upper

95 100

174 84.0 0.0 166.4

176 77.8 0.0 162.0

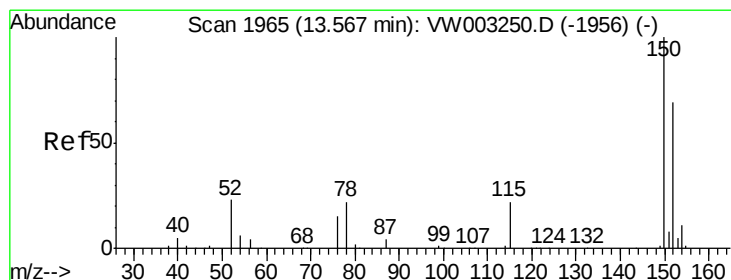
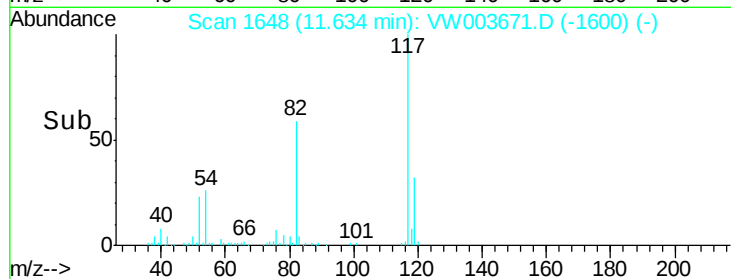
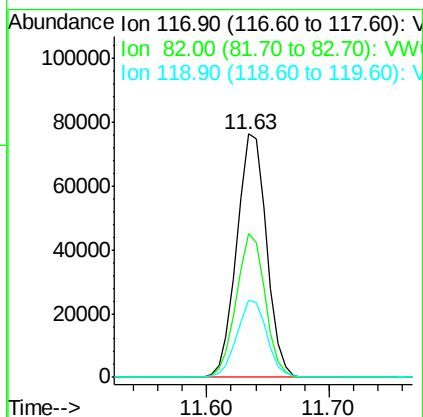
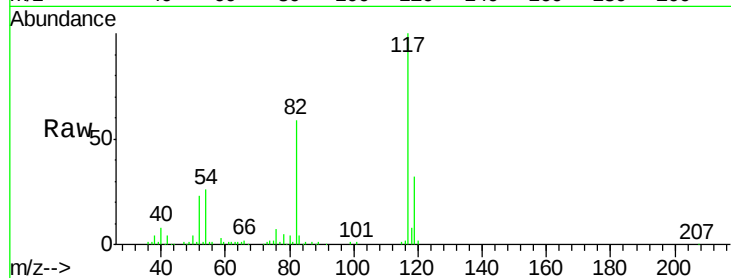




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

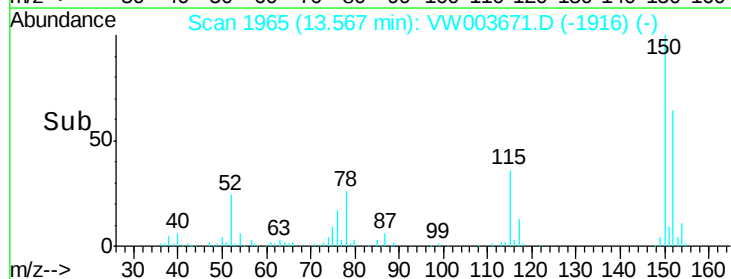
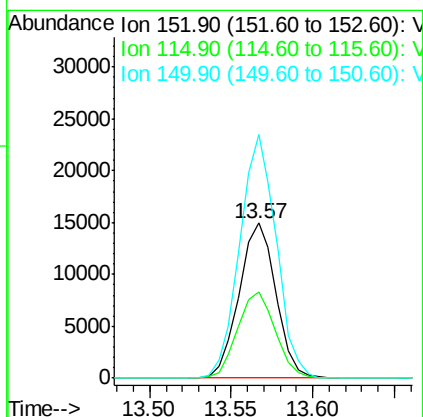
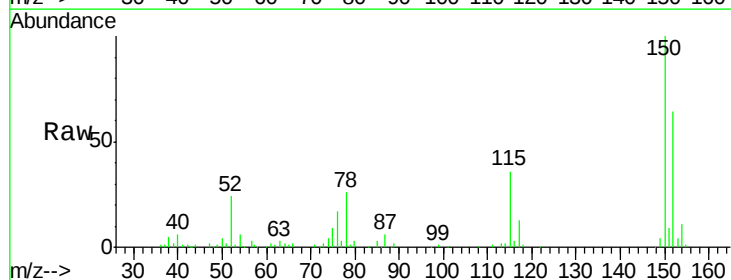
Instrument :
MSVOA_W
ClientSampled :

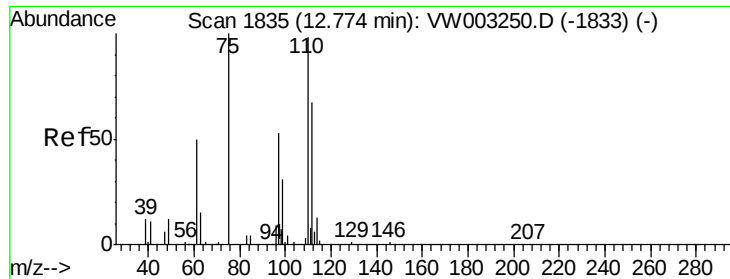
Tot Ion:117 Resp: 128739
Ion Ratio Lower Upper
117 100
82 58.9 44.6 67.0
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003671.D
Acq: 29 Jun 2018 19:51

Tgt Ion:152 Resp: 23517
Ion Ratio Lower Upper
152 100
115 56.9 29.3 88.0
150 155.9 0.0 349.6

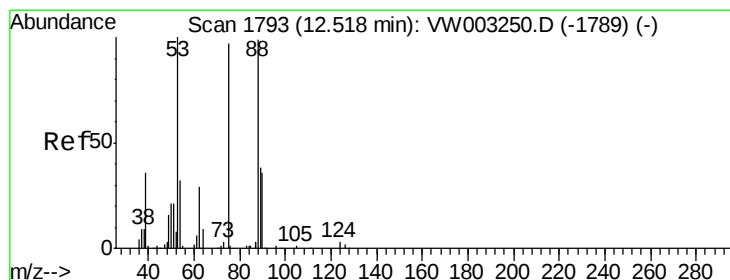
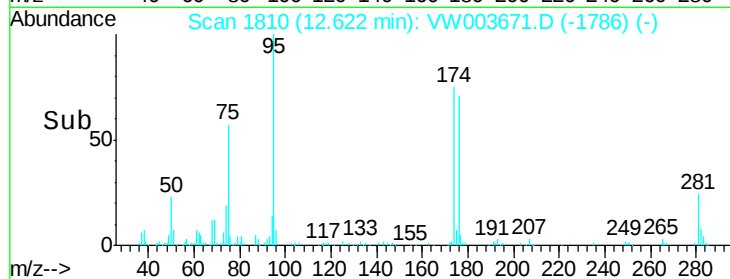
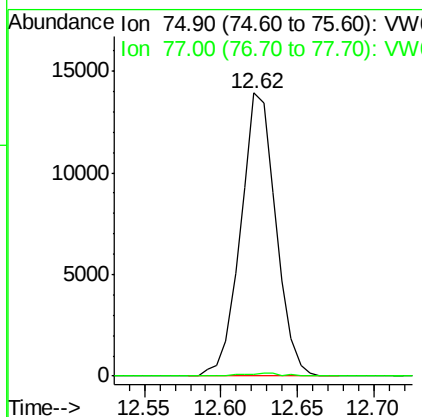
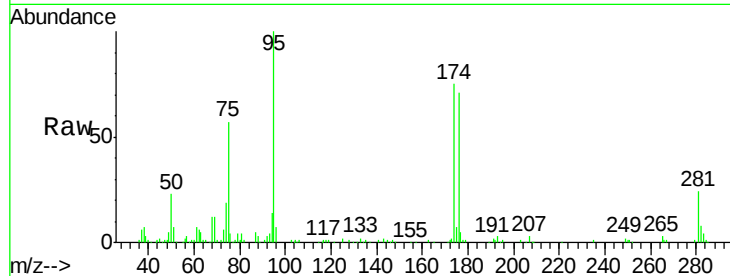




#76
 1,2,3-Trichloropropane
 Concen: 110.220 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003671.D
 Acq: 29 Jun 2018 19:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 22159
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 253.623 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003671.D
 Acq: 29 Jun 2018 19:51

Tgt Ion: 75 Resp: 22159
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.9 124.3#
 89 0.2 36.7 55.1#

