

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003855.D
 Acq On : 11 Jul 2018 05:56
 Operator : SY/AP
 Sample : J3914-03
 Misc : 4.18G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B2

Quant Time: Jul 11 07:05:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	156774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	17468	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	46876	32.50	ug/l	0.00
Spiked Amount			Recovery	=	65.00%	
35) Dibromofluoromethane	7.88	113	42396	38.64	ug/l	0.00
Spiked Amount			Recovery	=	77.28%	
50) Toluene-d8	10.33	98	100604	23.97	ug/l	0.00
Spiked Amount			Recovery	=	47.94%	
62) 4-Bromofluorobenzene	12.62	95	16125	10.62	ug/l	0.00
Spiked Amount			Recovery	=	21.24%	

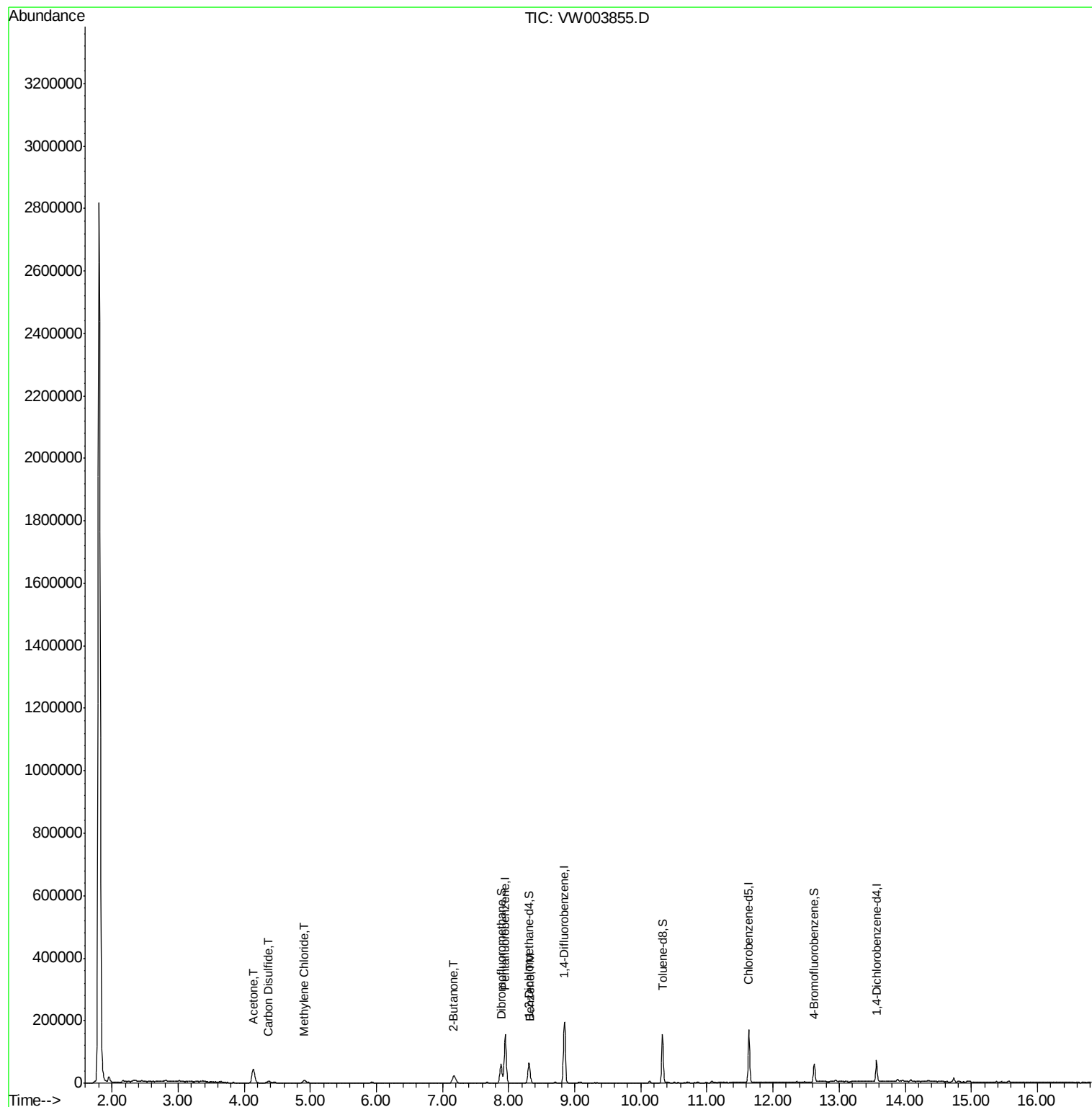
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	85057	339.91	ug/l	97
17) Carbon Disulfide	4.37	76	14315	4.21	ug/l #	93
20) Methylene Chloride	4.91	84	6765	1.27	ug/l #	89
25) 2-Butanone	7.18	43	24793	63.26	ug/l	94
40) Benzene	8.32	78	11276	2.37	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
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QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003855.D

Acq: 11 Jul 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

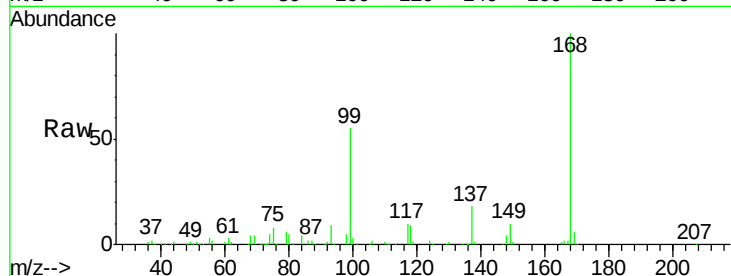
B2

Tot Ion:168 Resp: 110292

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

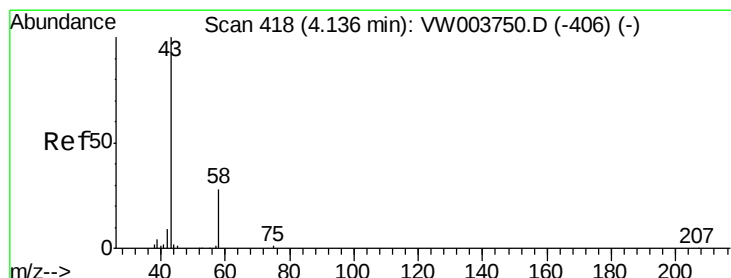
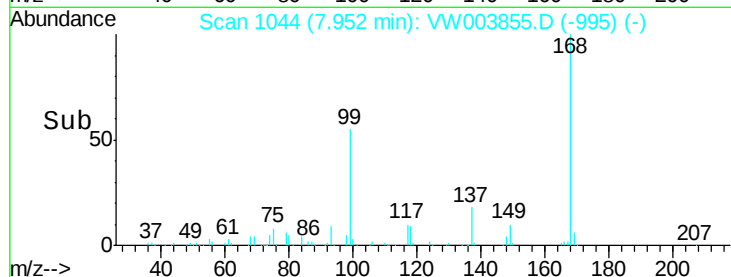
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 339.91 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003855.D

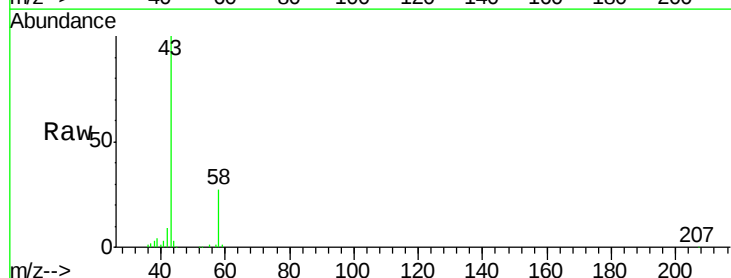
Acq: 11 Jul 2018 05:56

Tgt Ion: 43 Resp: 85057

Ion Ratio Lower Upper

43 100

58 26.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

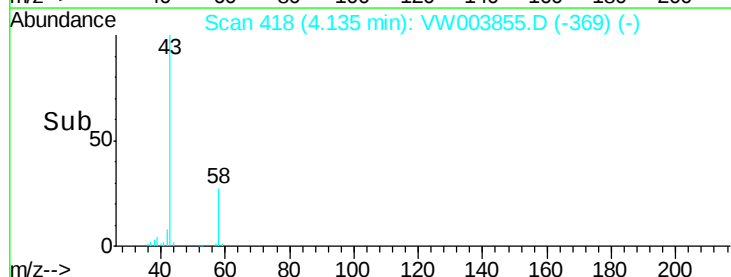
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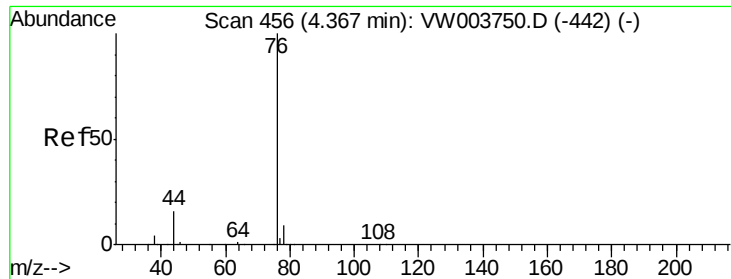
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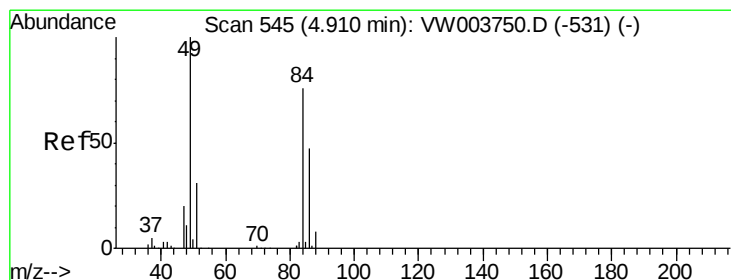
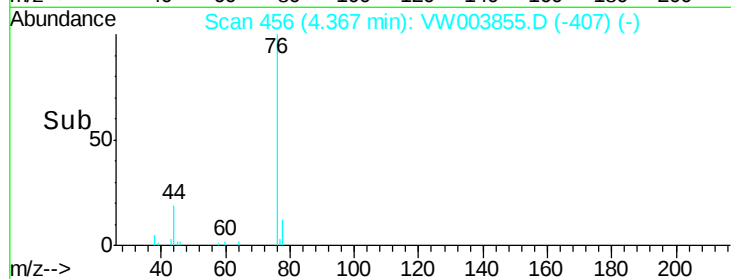
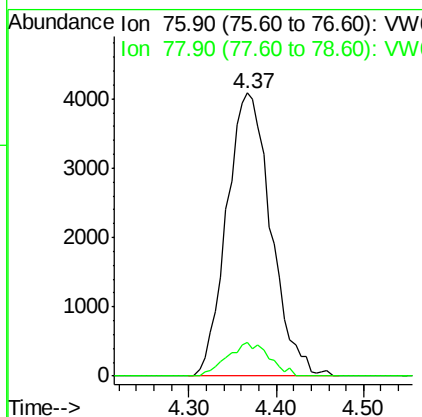
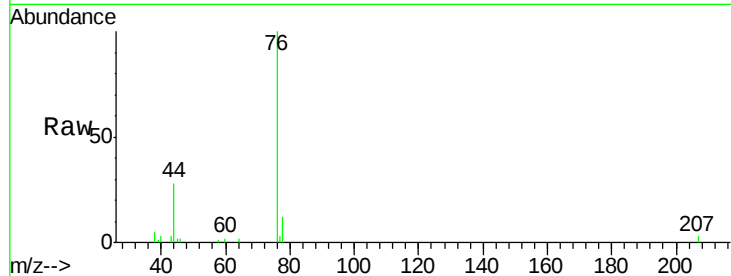




#17
Carbon Disulfide
Concen: 4.21 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

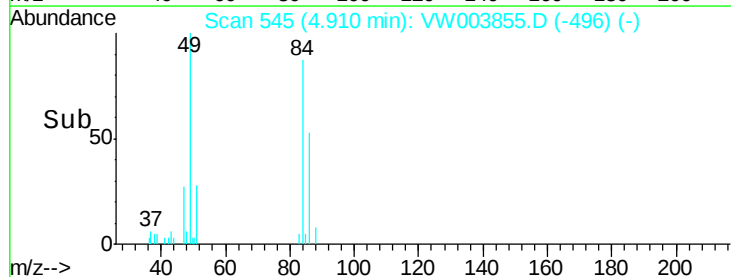
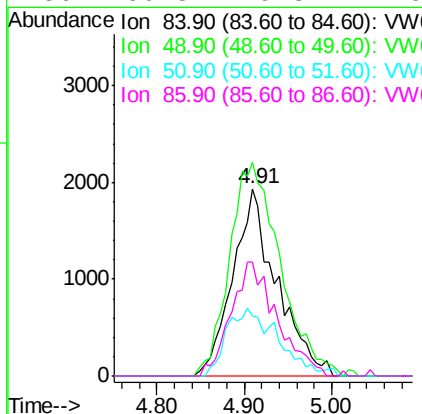
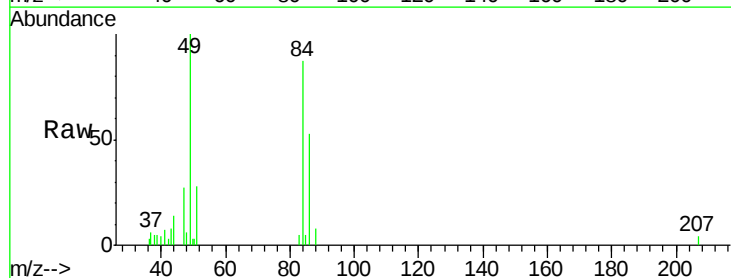
Instrument :
MSVOA_W
ClientSampled :
B2

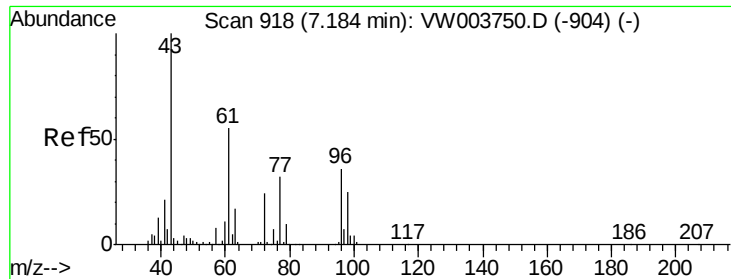
Tot Ion: 76 Resp: 14315
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.2#



#20
Methylene Chloride
Concen: 1.27 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

Tgt Ion: 84 Resp: 6765
Ion Ratio Lower Upper
84 100
49 114.3 105.1 157.7
51 32.0 32.5 48.7#
86 60.8 49.8 74.6





#25

2-Butanone

Concen: 63.26 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003855.D

Acq: 11 Jul 2018 05:56

Instrument :

MSVOA_W

ClientSampled :

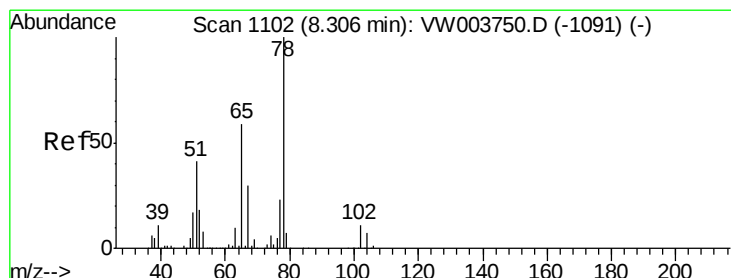
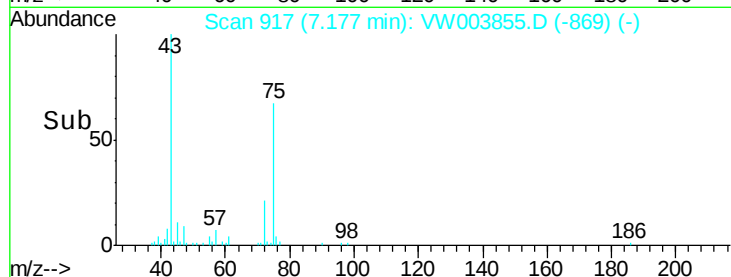
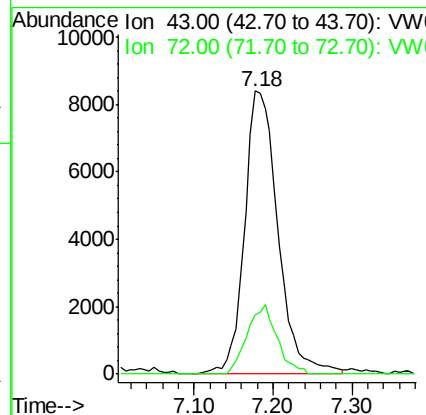
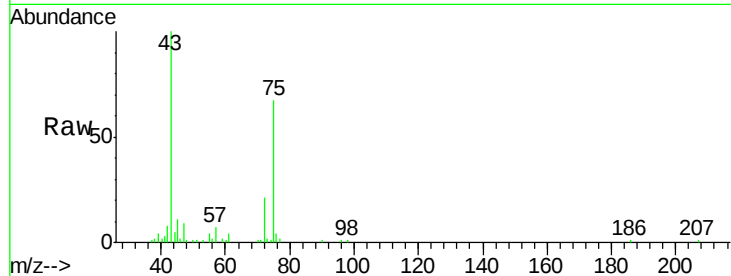
B2

Tot Ion: 43 Resp: 24793

Ion Ratio Lower Upper

43 100

72 21.1 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 32.50 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003855.D

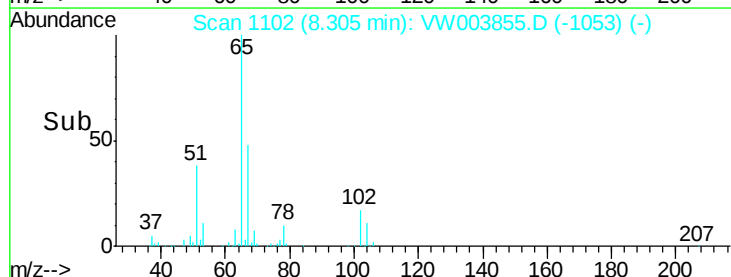
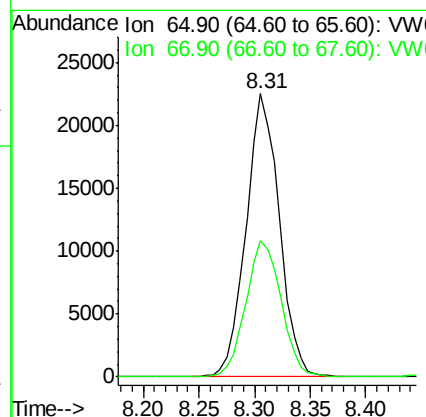
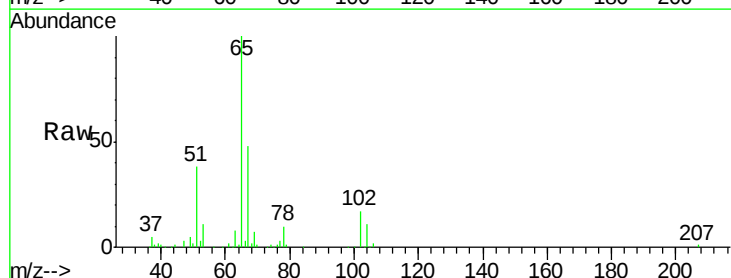
Acq: 11 Jul 2018 05:56

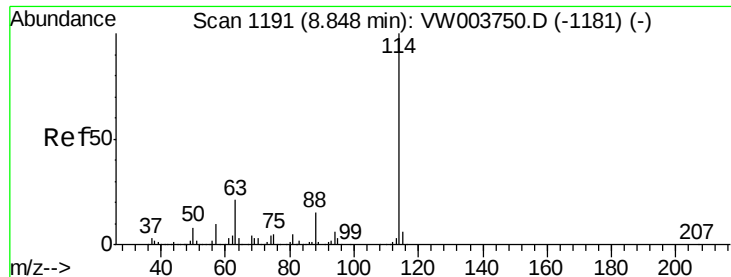
Tgt Ion: 65 Resp: 46876

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8

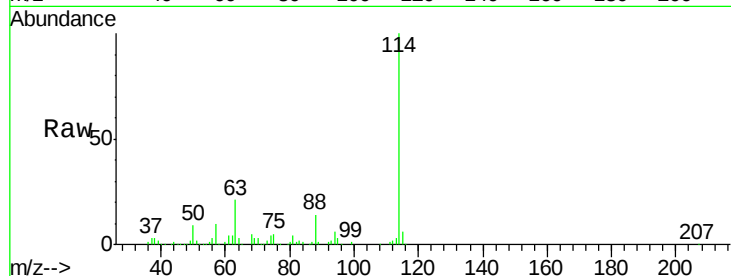




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003855.D
 Acq: 11 Jul 2018 05:56

Instrument :
 MSVOA_W
 ClientSampled :
 B2

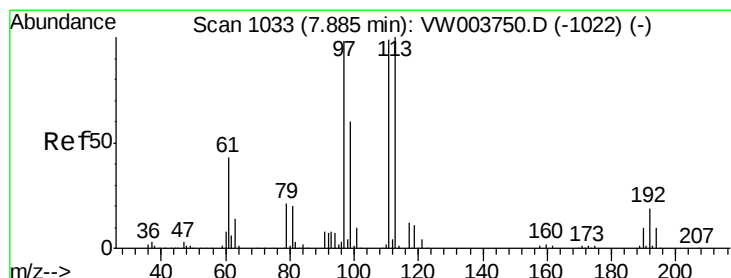
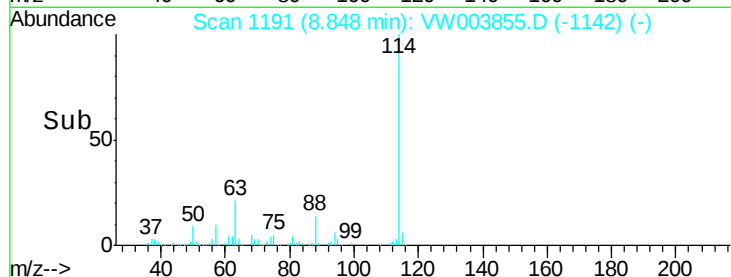
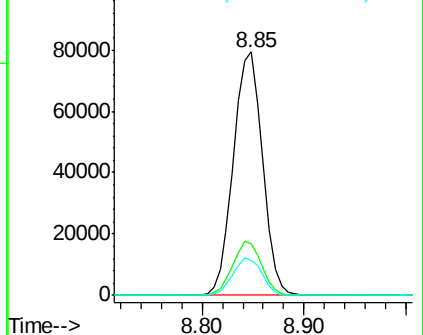
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.8
88	14.5	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

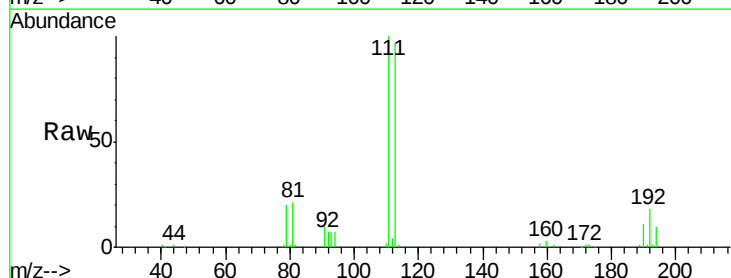
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 38.64 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003855.D
 Acq: 11 Jul 2018 05:56

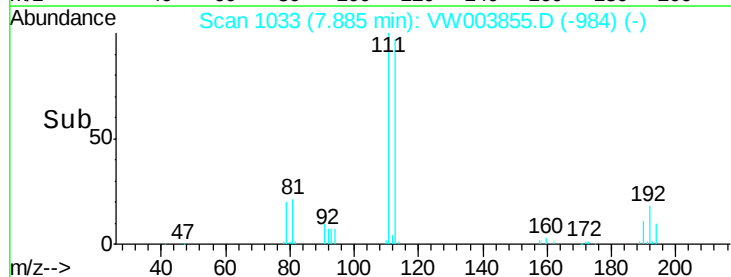
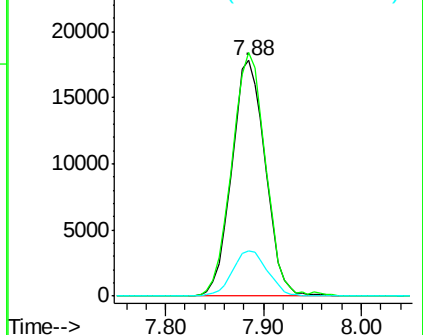
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.7	122.5
192	19.9	15.8	23.8

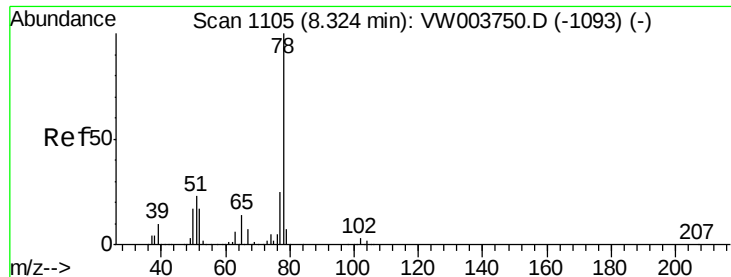


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

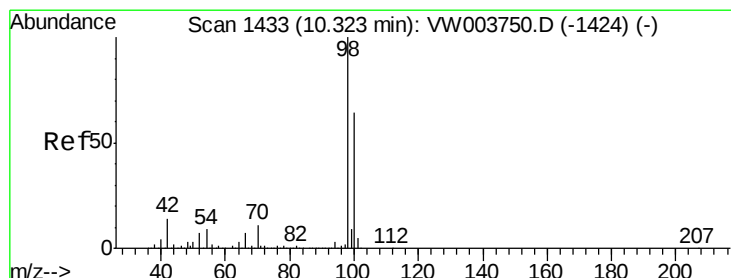
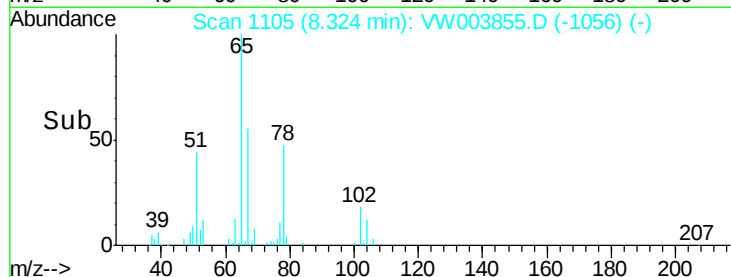
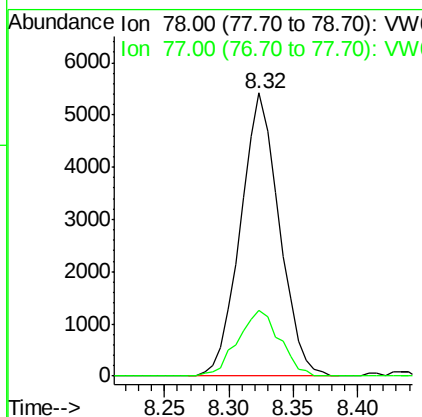
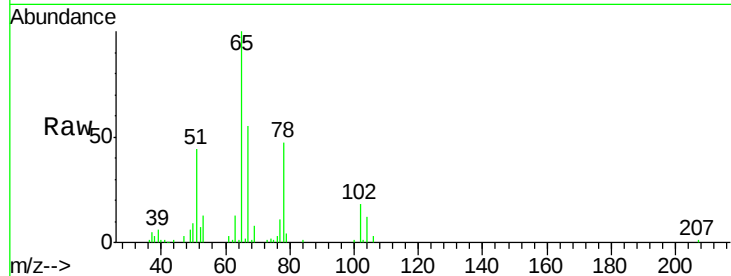




#40
Benzene
Concen: 2.37 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

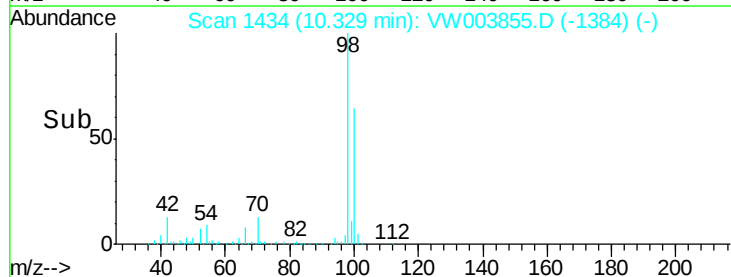
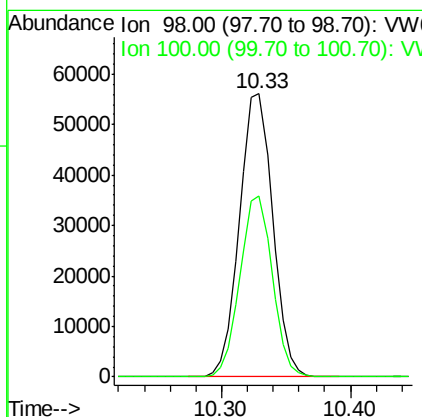
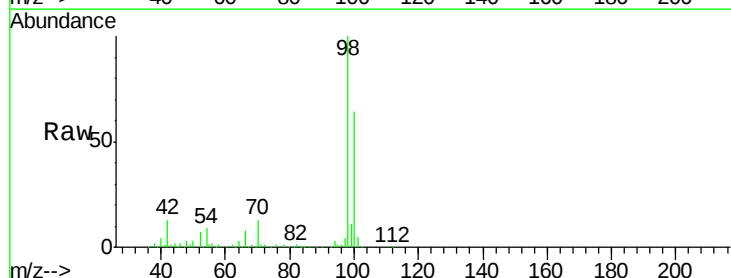
Instrument :
MSVOA_W
ClientSampled :
B2

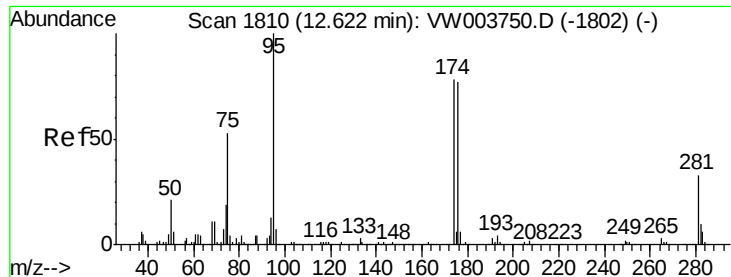
Tot Ion: 78 Resp: 11276
Ion Ratio Lower Upper
78 100
77 23.1 19.7 29.5



#50
Toluene-d8
Concen: 23.97 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

Tgt Ion: 98 Resp: 100604
Ion Ratio Lower Upper
98 100
100 62.0 50.8 76.2

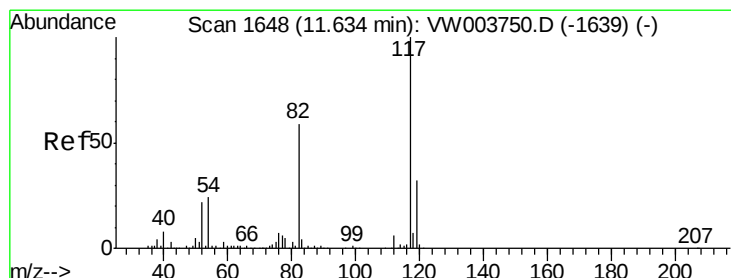
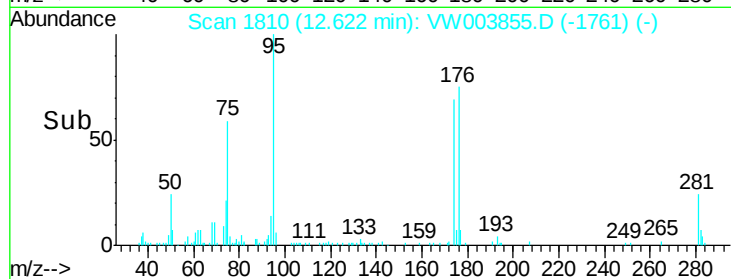
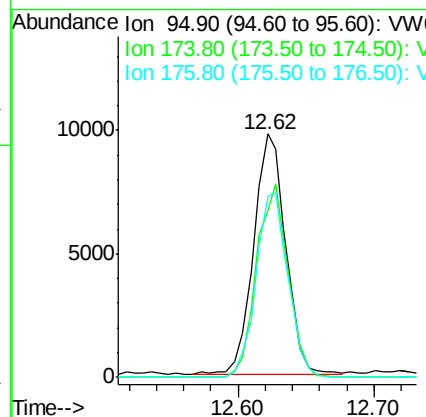
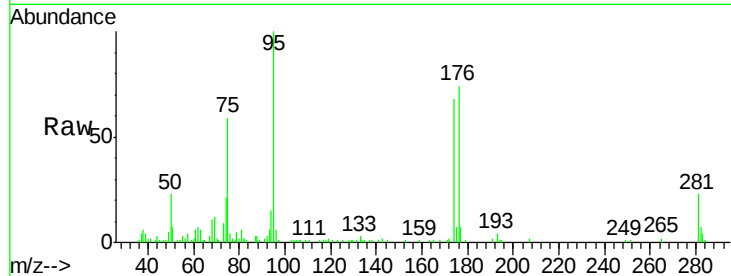




#62
4-Bromofluorobenzene
Concen: 10.62 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

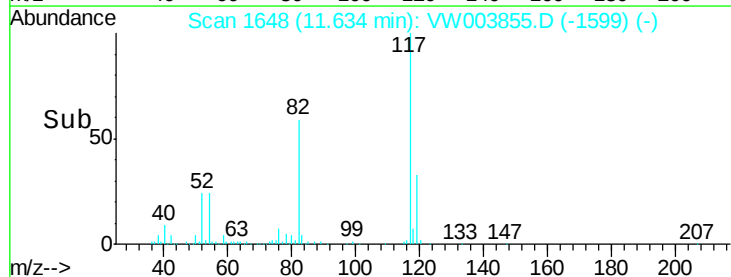
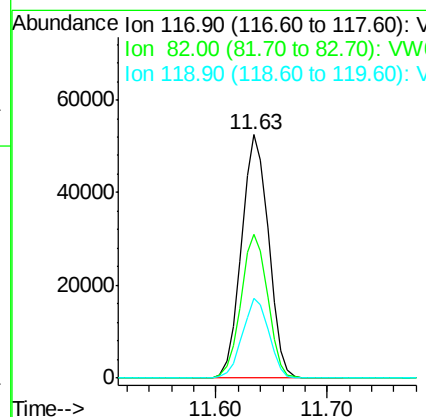
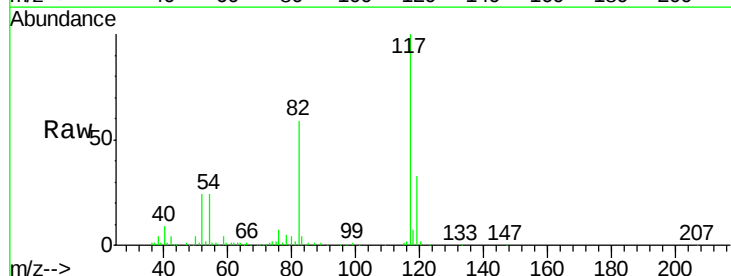
Instrument :
MSVOA_W
ClientSampled :
B2

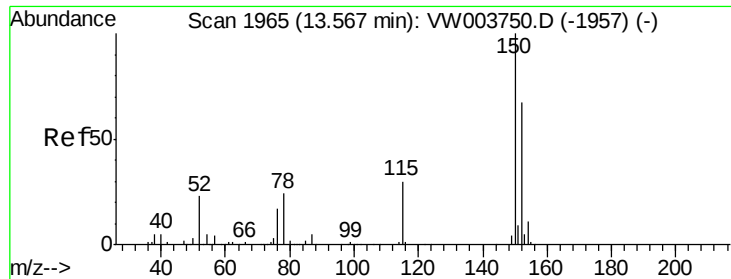
Tot Ion: 95 Resp: 16125
Ion Ratio Lower Upper
95 100
174 78.8 0.0 163.4
176 76.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003855.D
Acq: 11 Jul 2018 05:56

Tgt Ion: 117 Resp: 88311
Ion Ratio Lower Upper
117 100
82 59.1 46.9 70.3
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003855.D

Acq: 11 Jul 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

B2

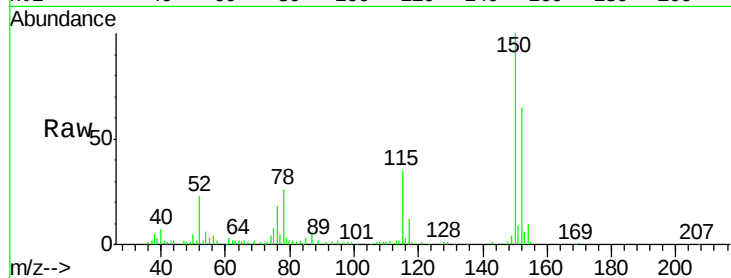
Tot Ion:152 Resp: 17468

Ion Ratio Lower Upper

152 100

115 59.3 28.9 86.8

150 150.6 0.0 342.4



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

