

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004755.D
 Acq On : 18 Aug 2018 01:22
 Operator : SY/AP
 Sample : J4460-14RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081018-FL-014RE

Quant Time: Aug 18 05:38:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	500385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	807935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	670601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	239820	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	295009	60.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.96%	
35) Dibromofluoromethane	7.88	113	284399	55.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.16%	
50) Toluene-d8	10.33	98	894294	44.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.74%	
62) 4-Bromofluorobenzene	12.62	95	232706	32.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.18%	

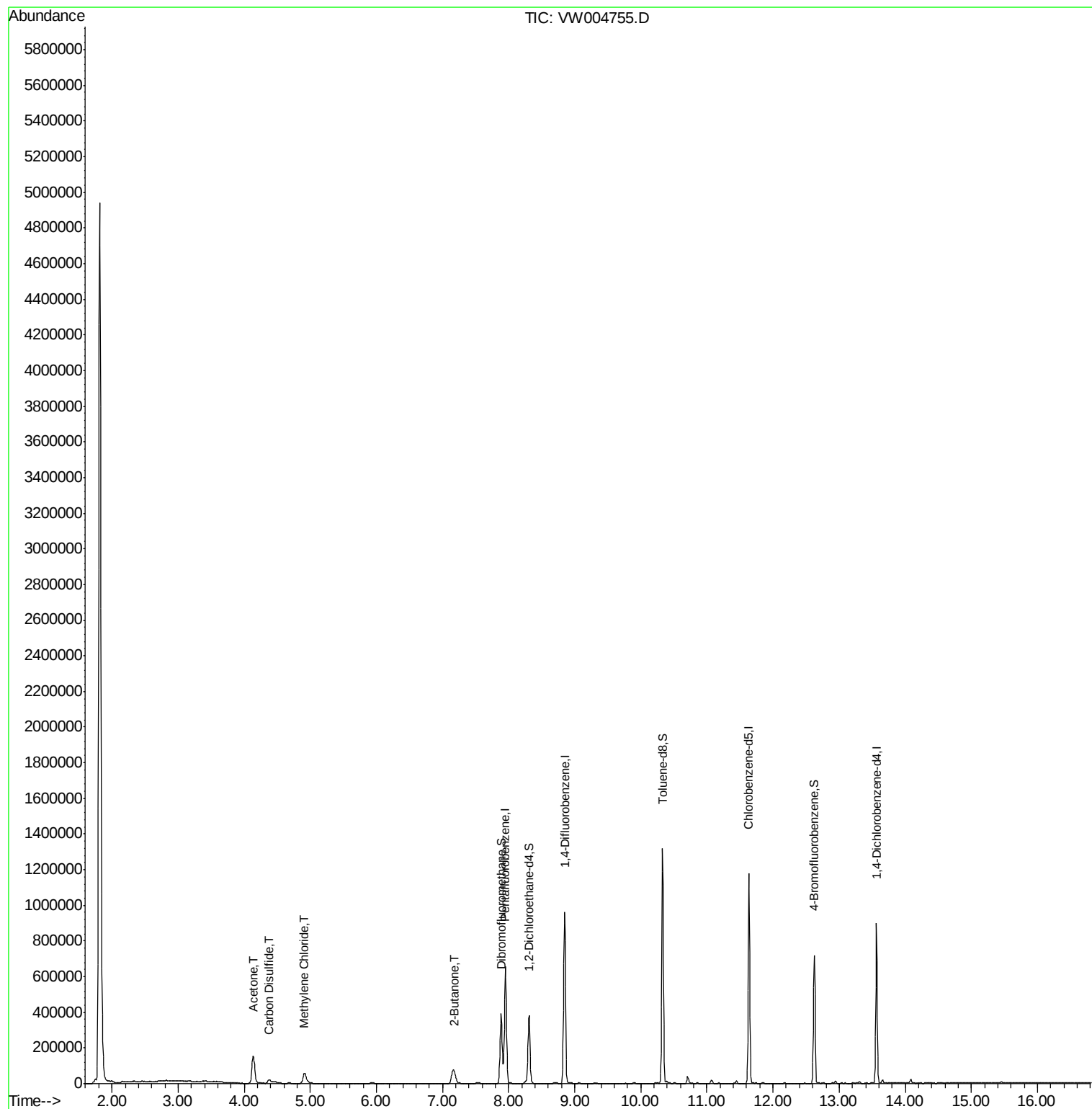
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	289455	234.39	ug/l	98
17) Carbon Disulfide	4.37	76	48664	2.87	ug/l	96
20) Methylene Chloride	4.91	84	54475	5.85	ug/l	96
25) 2-Butanone	7.18	43	77296	43.93	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 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: VW004755.D

Acq: 18 Aug 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

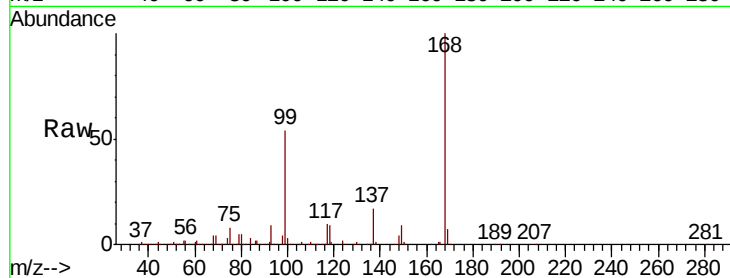
RA-081018-FL-014RE

Tot Ion:168 Resp: 500385

Ion Ratio Lower Upper

168 100

99 53.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

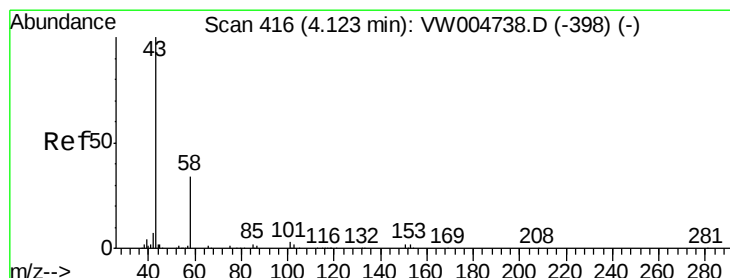
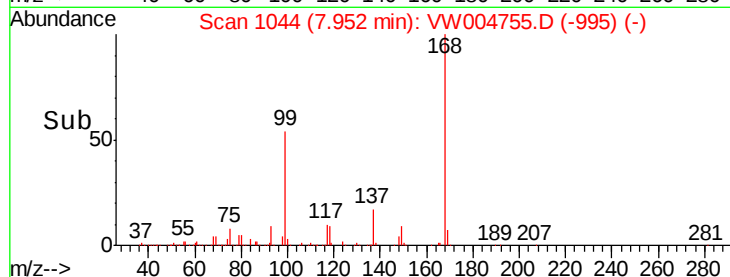
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 234.39 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004755.D

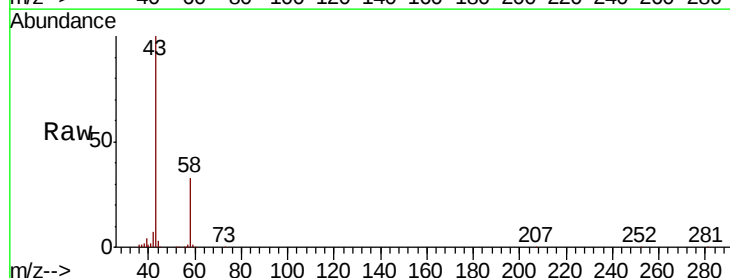
Acq: 18 Aug 2018 01:22

Tgt Ion: 43 Resp: 289455

Ion Ratio Lower Upper

43 100

58 33.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

100000

80000

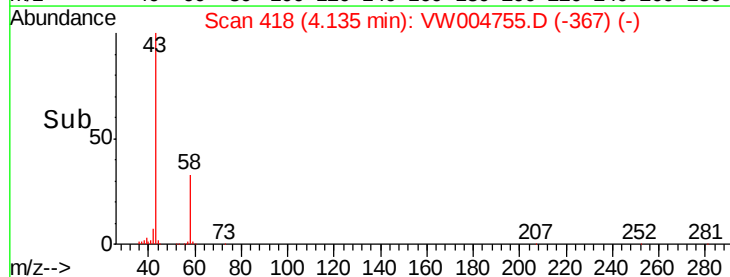
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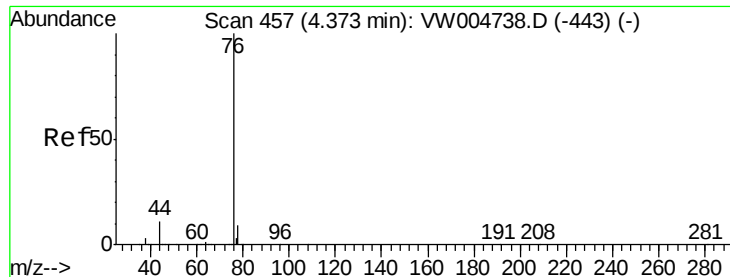
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Time-->

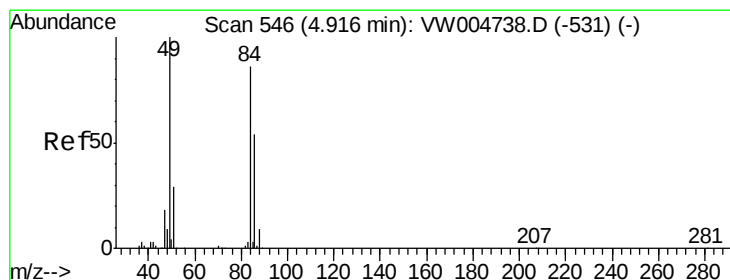
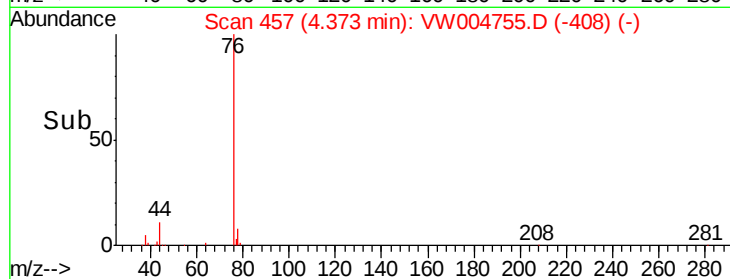
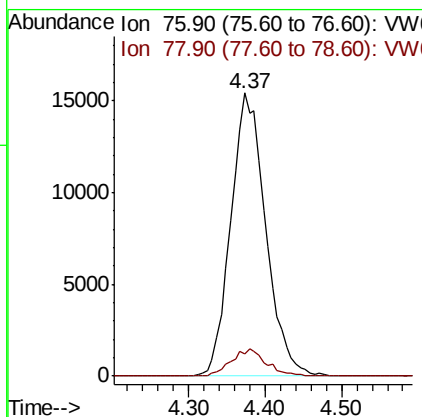
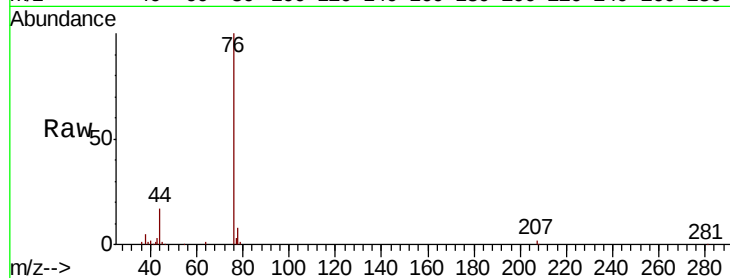




#17
Carbon Disulfide
Concen: 2.87 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW004755.D
Acq: 18 Aug 2018 01:22

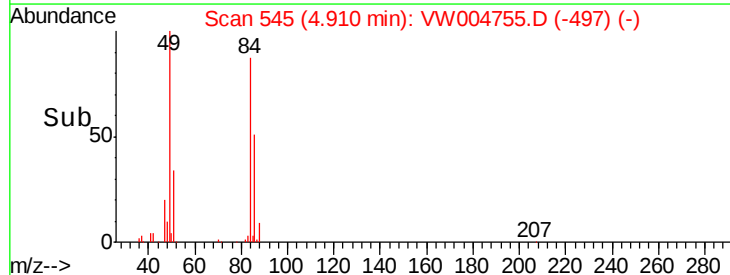
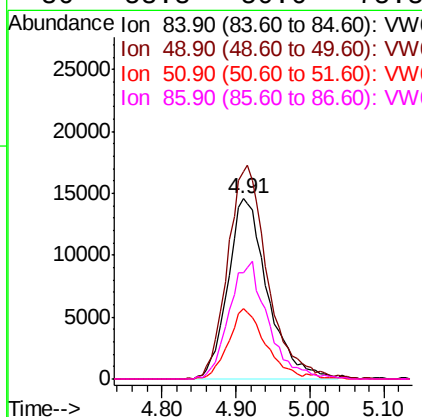
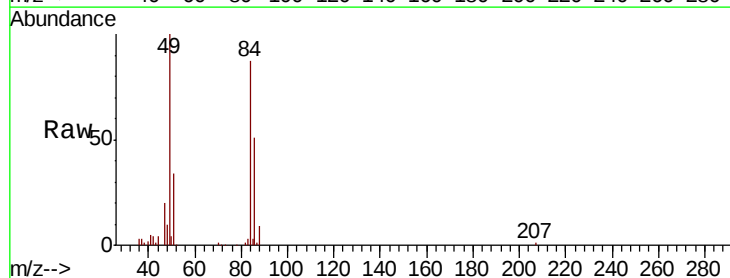
Instrument :
MSVOA_W
ClientSampleId :
RA-081018-FL-014RE

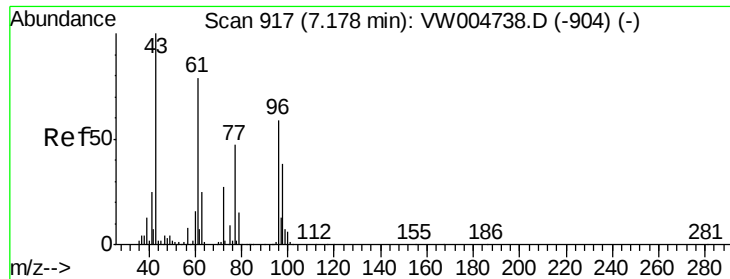
Tot Ion: 76 Resp: 48664
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2



#20
Methylene Chloride
Concen: 5.85 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004755.D
Acq: 18 Aug 2018 01:22

Tgt Ion: 84 Resp: 54475
Ion Ratio Lower Upper
84 100
49 114.9 93.2 139.8
51 39.0 27.4 41.0
86 58.8 50.6 75.8

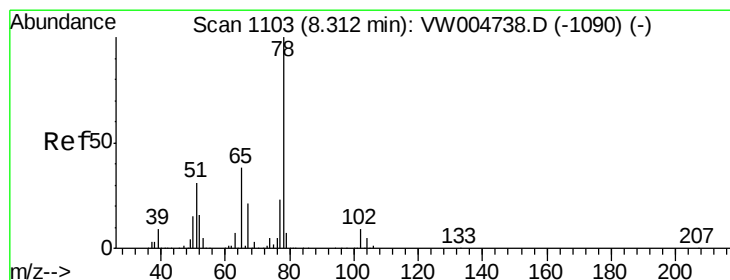
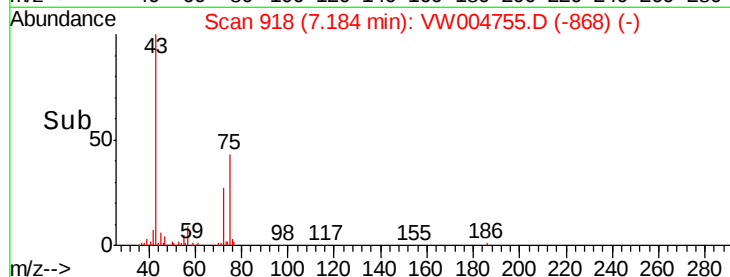
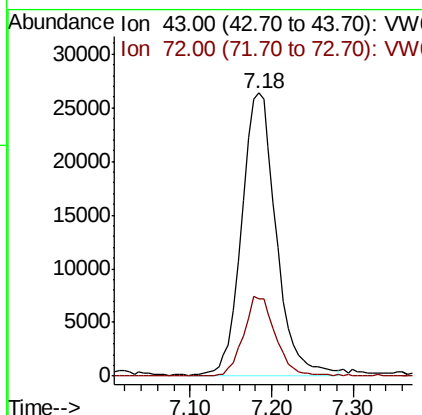
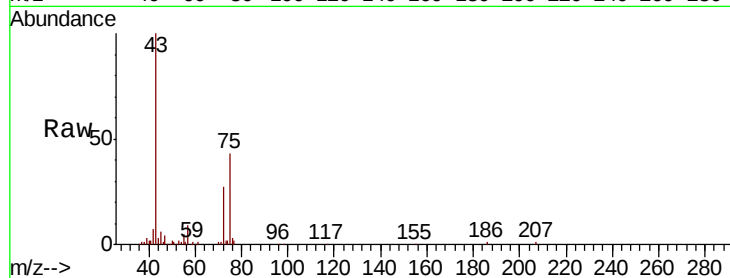




#25
 2-Butanone
 Concen: 43.93 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: VW004755.D
 Acq: 18 Aug 2018 01:22

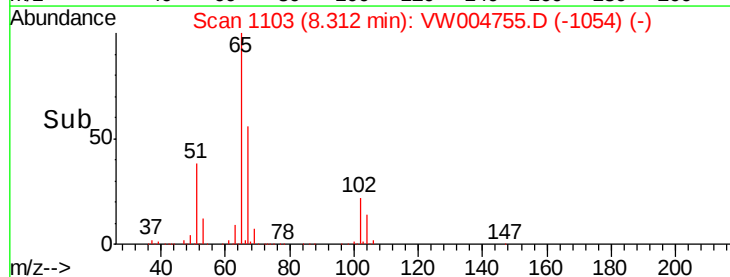
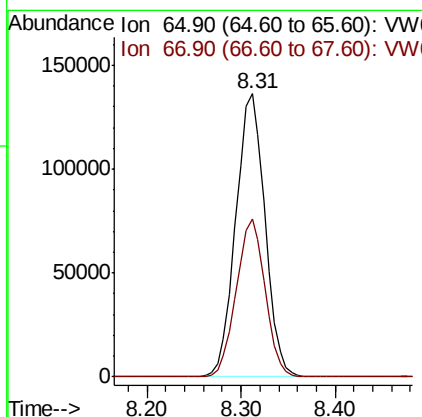
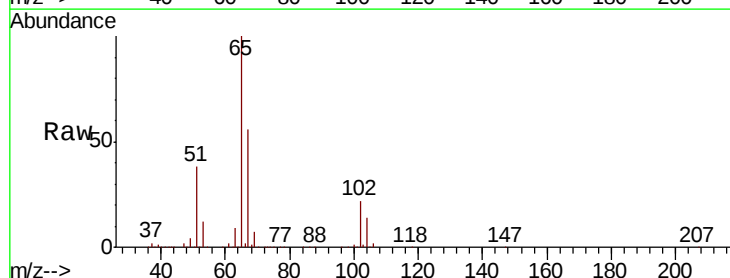
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081018-FL-014RE

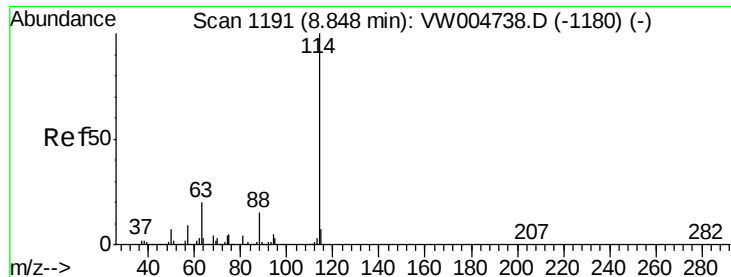
Tot Ion: 43 Resp: 77296
 Ion Ratio Lower Upper
 43 100
 72 27.3 22.0 33.0



#33
 1,2-Dichloroethane-d4
 Concen: 60.98 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004755.D
 Acq: 18 Aug 2018 01:22

Tgt Ion: 65 Resp: 295009
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004755.D

Acq: 18 Aug 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

RA-081018-FL-014RE

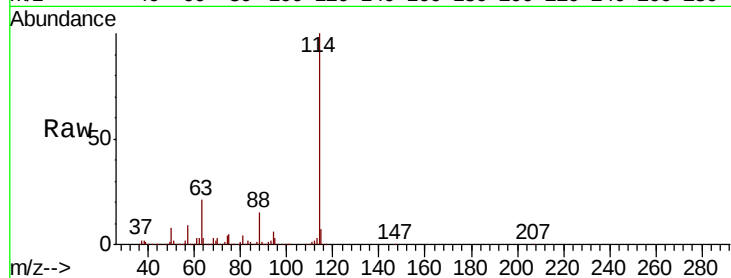
Tot Ion:114 Resp: 807935

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

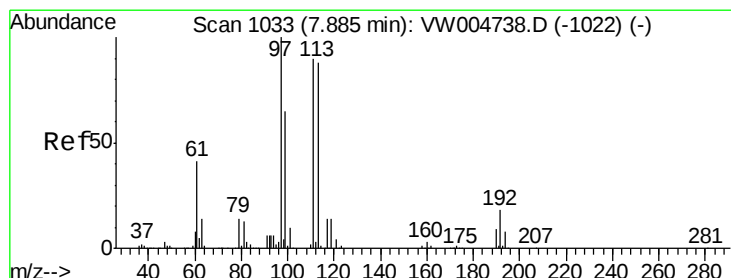
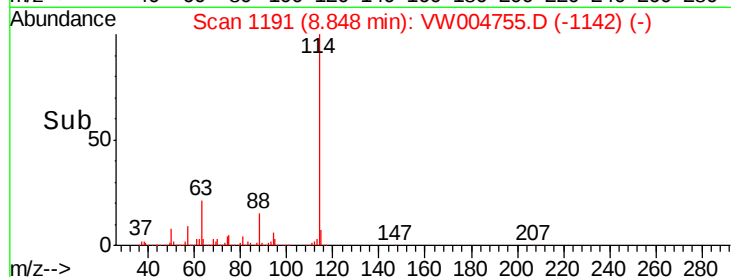
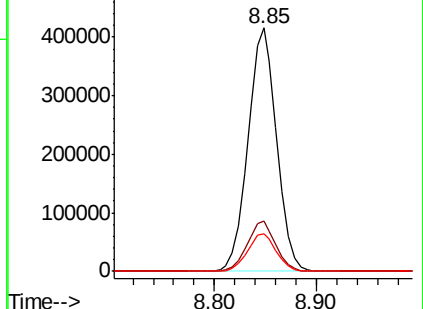
88 15.4 0.0 30.0



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: 55.08 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004755.D

Acq: 18 Aug 2018 01:22

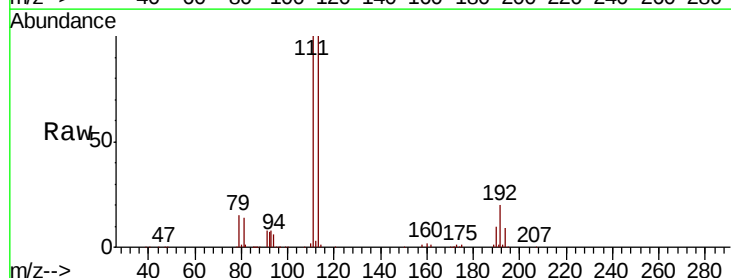
Tgt Ion:113 Resp: 284399

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

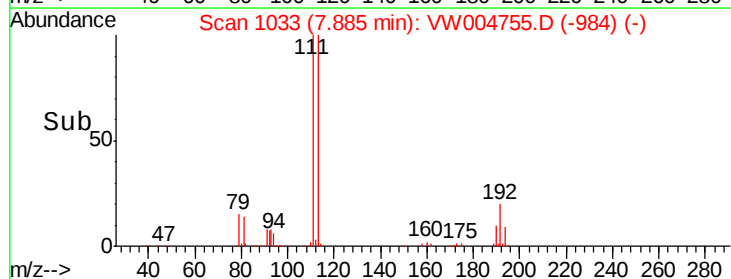
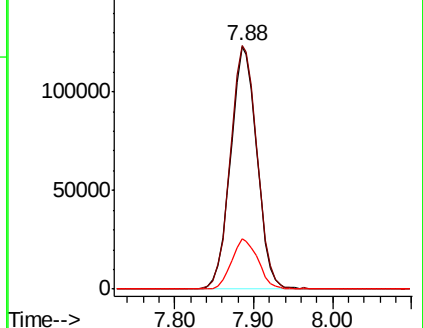
192 20.7 16.7 25.1

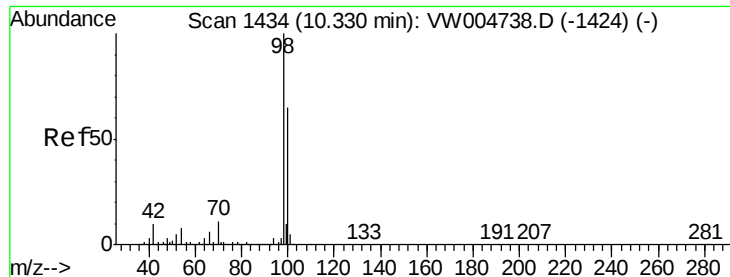


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.37 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004755.D

Acq: 18 Aug 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

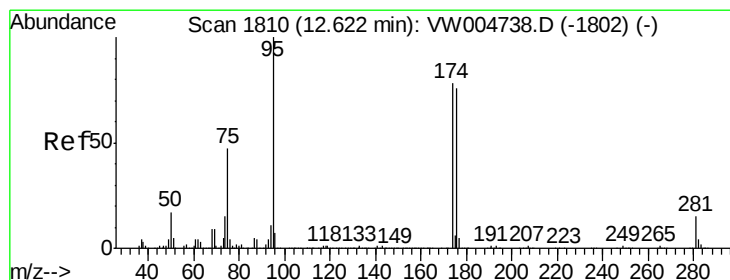
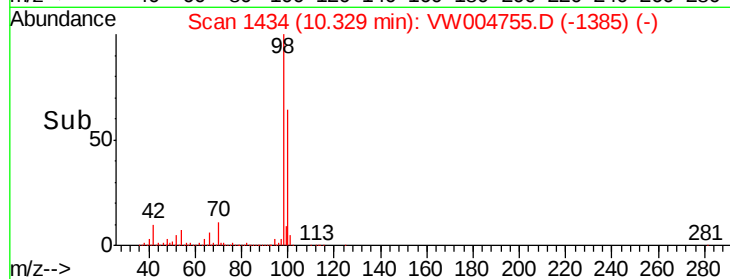
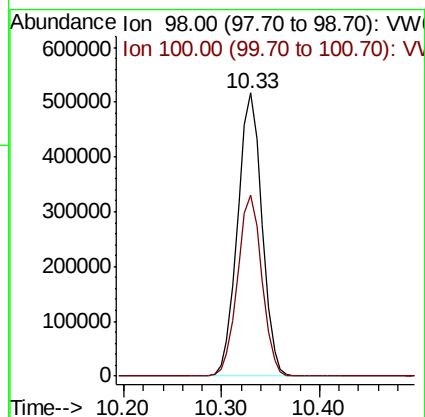
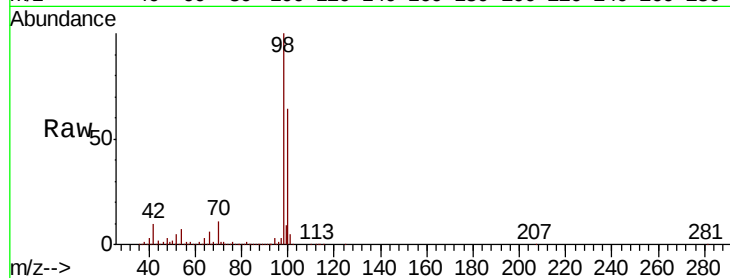
RA-081018-FL-014RE

Tot Ion: 98 Resp: 894294

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 32.09 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004755.D

Acq: 18 Aug 2018 01:22

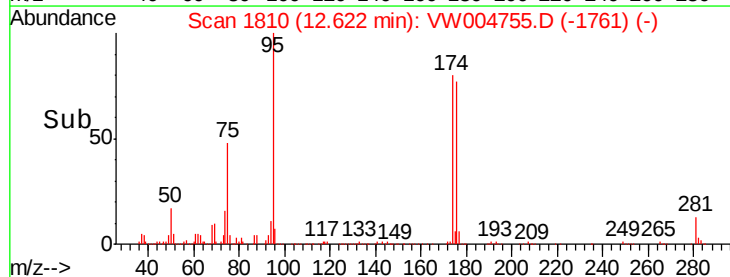
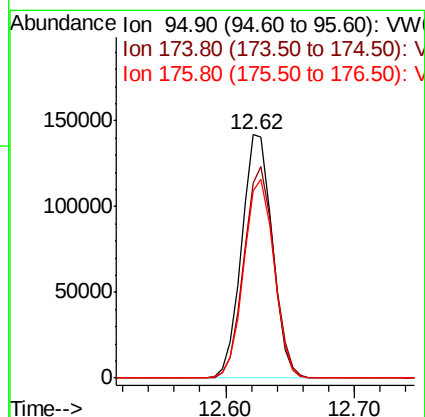
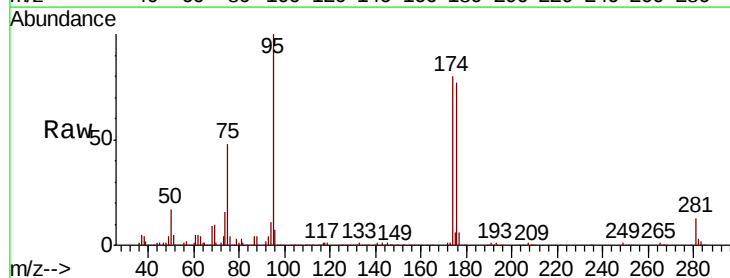
Tgt Ion: 95 Resp: 232706

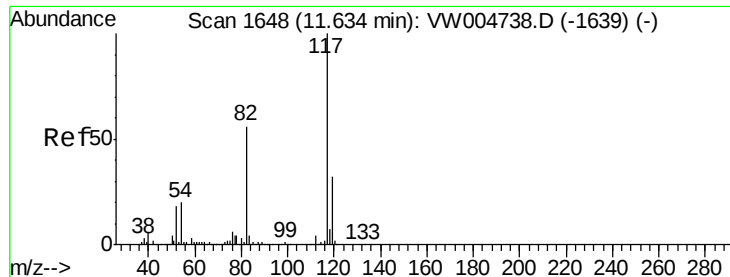
Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 81.1 0.0 159.8

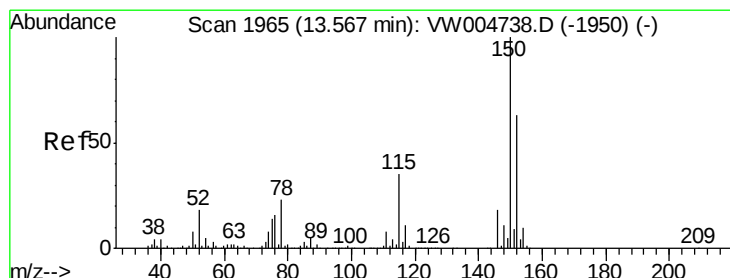
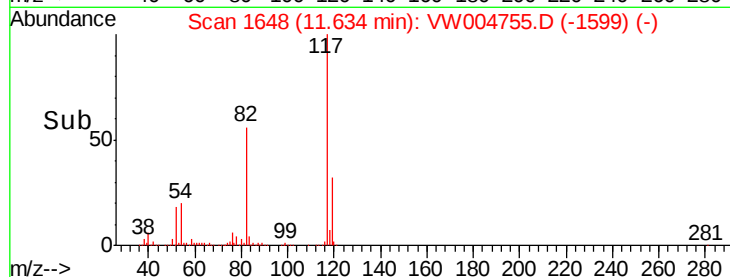
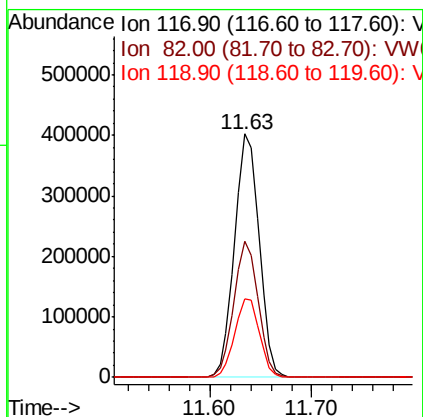
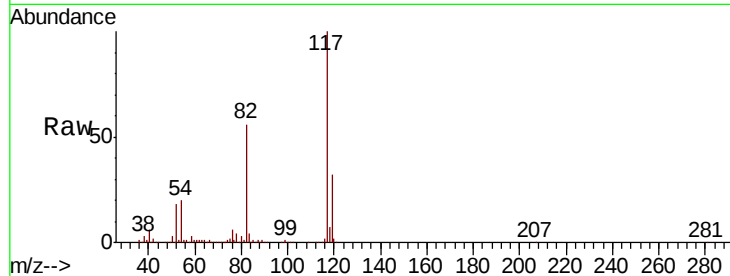




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004755.D
Acq: 18 Aug 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-FL-014RE

Tot Ion:117 Resp: 670601
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004755.D
Acq: 18 Aug 2018 01:22

Tgt Ion:152 Resp: 239820
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 157.0 0.0 344.8

