

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004828.D
 Acq On : 21 Aug 2018 08:51
 Operator : SY/AP
 Sample : J4511-10MS
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081518-FL-031

Quant Time: Aug 21 11:42:24 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

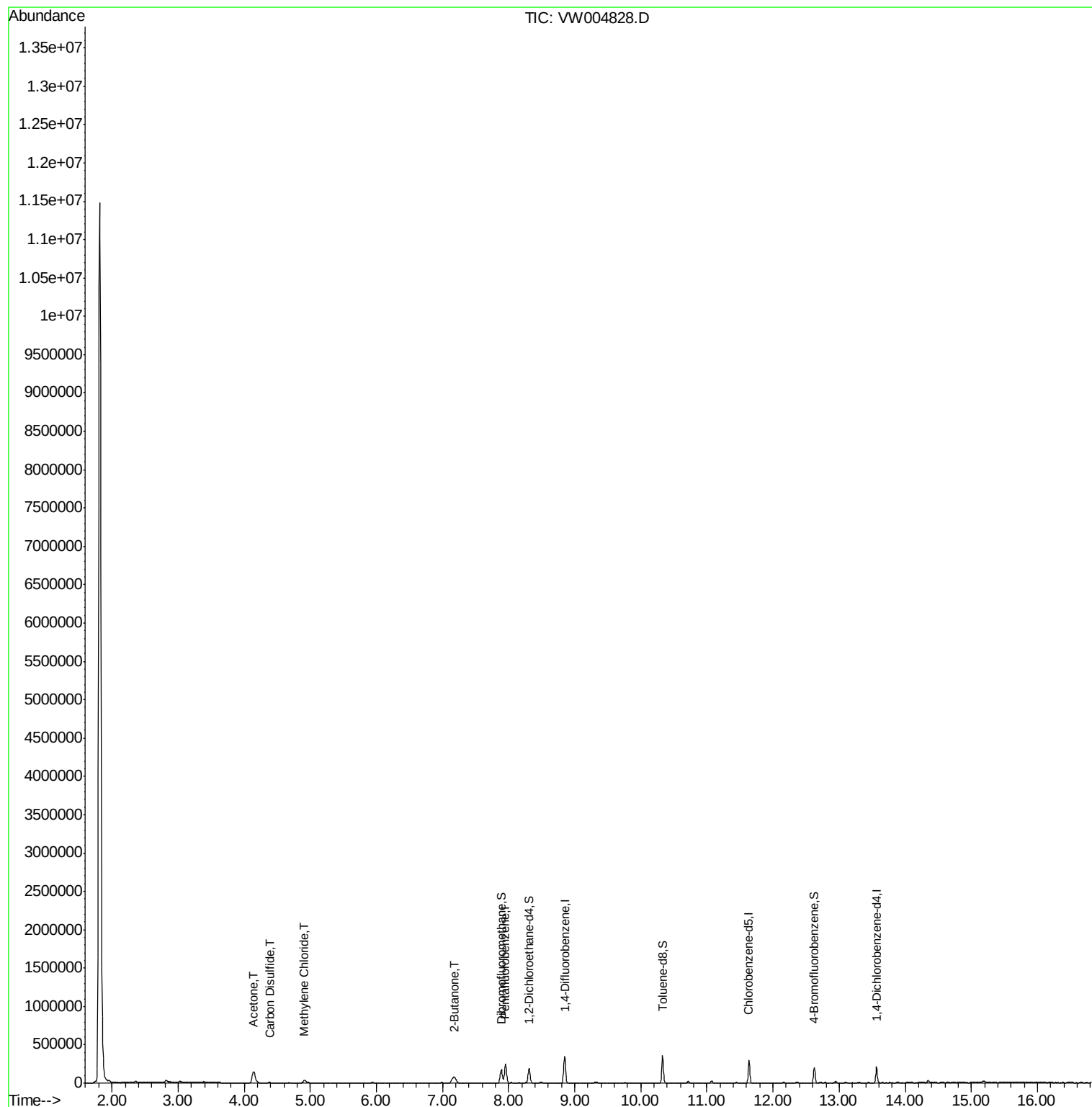
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142580	76.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.74%	
35) Dibromofluoromethane	7.88	113	134518	70.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.58%	
50) Toluene-d8	10.33	98	238203	32.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.22%	
62) 4-Bromofluorobenzene	12.62	95	59576	22.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.64%	
Target Compounds						
16) Acetone	4.14	43	300188	629.88	ug/l	96
17) Carbon Disulfide	4.39	76	16526	2.53	ug/l	97
20) Methylene Chloride	4.91	84	27705	9.21	ug/l	96
25) 2-Butanone	7.18	43	95661	140.88	ug/l	94

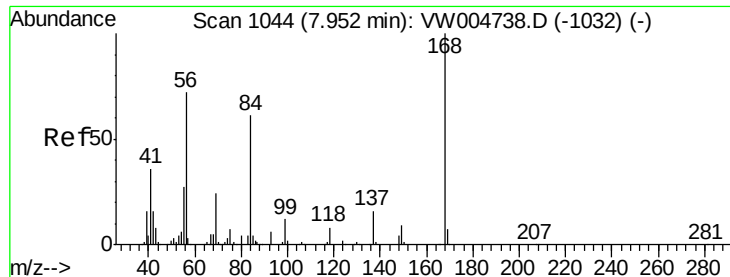
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\
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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004828.D

Acq: 21 Aug 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

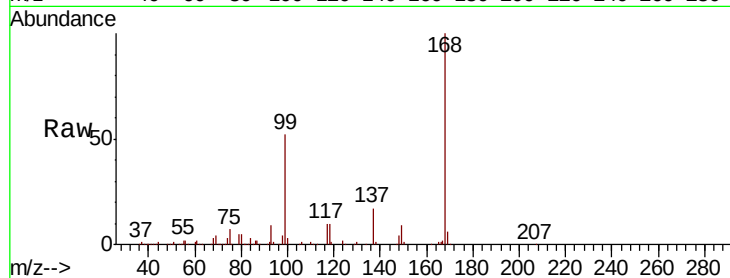
RA-081518-FL-031

Tot Ion:168 Resp: 193103

Ion Ratio Lower Upper

168 100

99 51.8 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

80000

60000

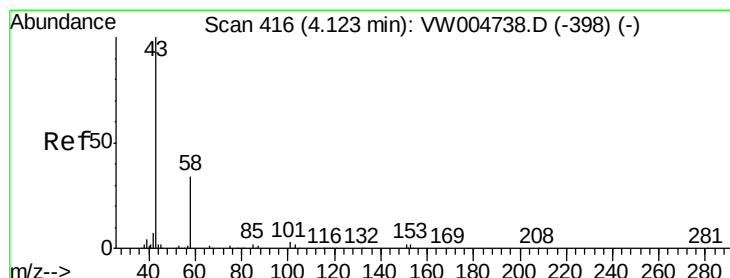
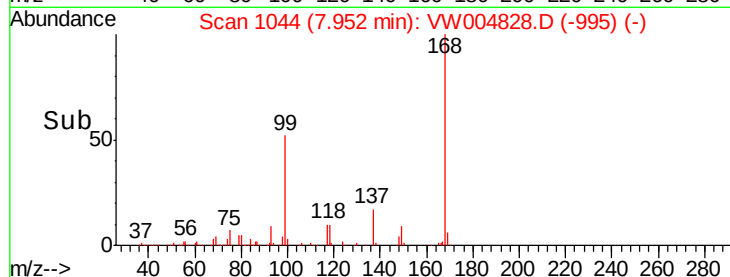
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 629.88 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004828.D

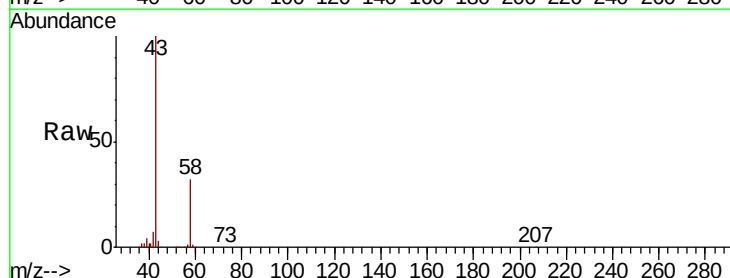
Acq: 21 Aug 2018 08:51

Tgt Ion: 43 Resp: 300188

Ion Ratio Lower Upper

43 100

58 31.6 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

60000

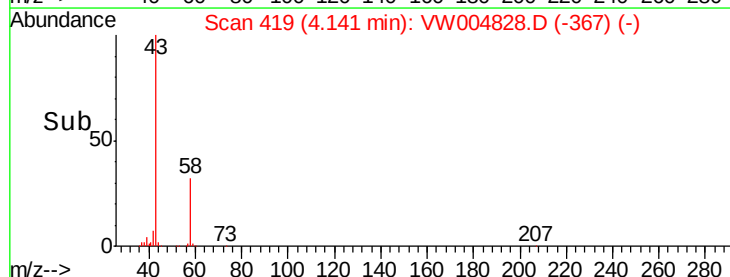
40000

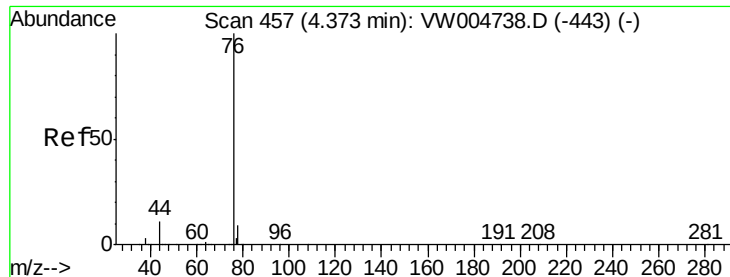
20000

0

4.00 4.10 4.20 4.30

Time-->

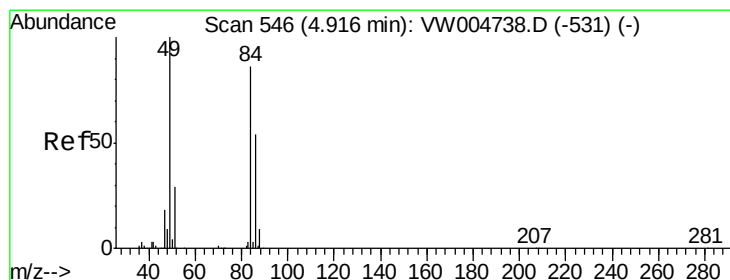
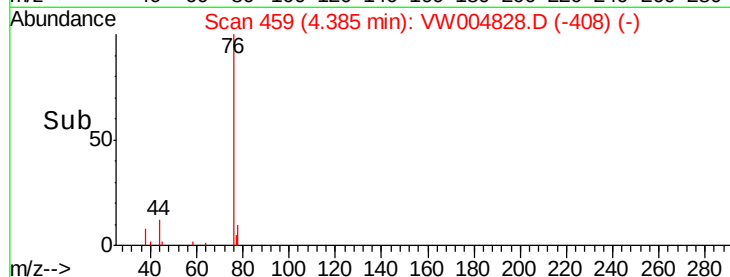
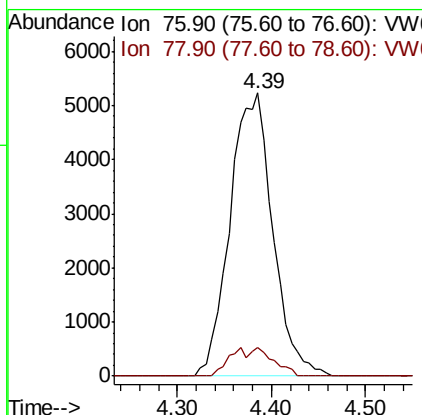
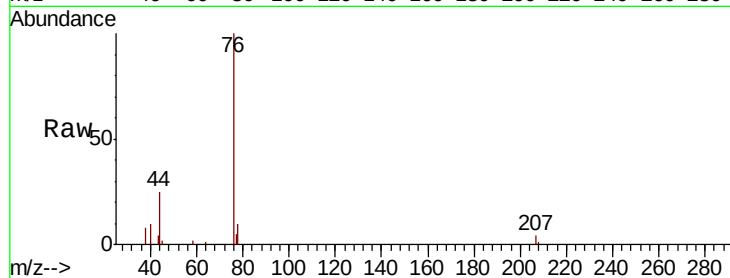




#17
Carbon Disulfide
Concen: 2.53 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.01 min
Lab File: VW004828.D
Acq: 21 Aug 2018 08:51

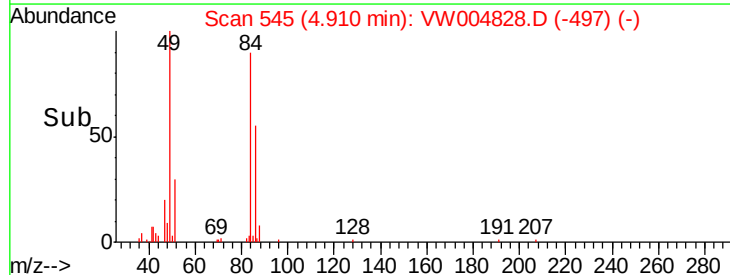
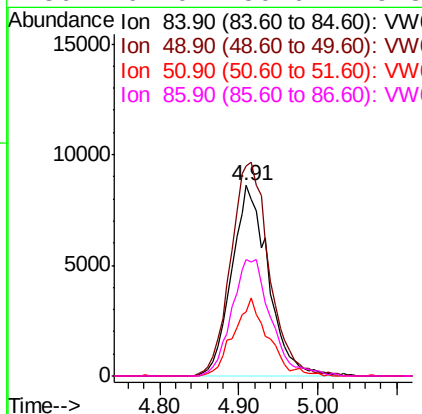
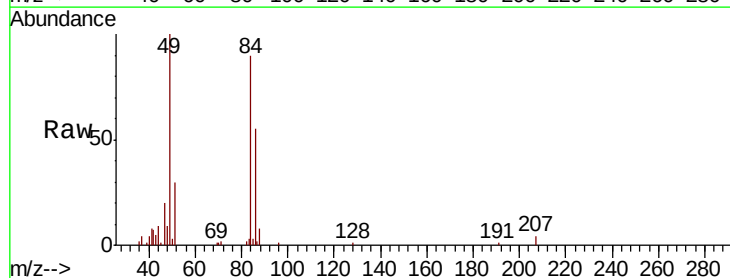
Instrument :
MSVOA_W
ClientSampleId :
RA-081518-FL-031

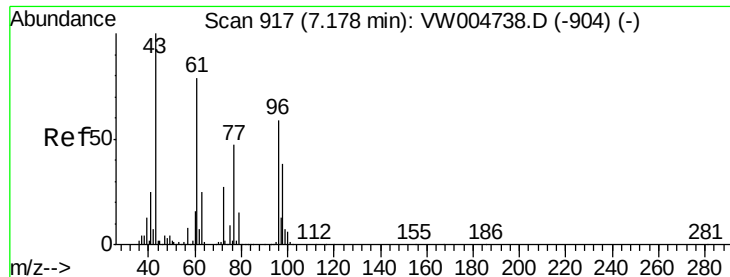
Tot Ion: 76 Resp: 16526
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#20
Methylene Chloride
Concen: 9.21 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004828.D
Acq: 21 Aug 2018 08:51

Tgt Ion: 84 Resp: 27705
Ion Ratio Lower Upper
84 100
49 110.5 93.2 139.8
51 33.6 27.4 41.0
86 61.0 50.6 75.8





#25

2-Butanone

Concen: 140.88 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004828.D

Acq: 21 Aug 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

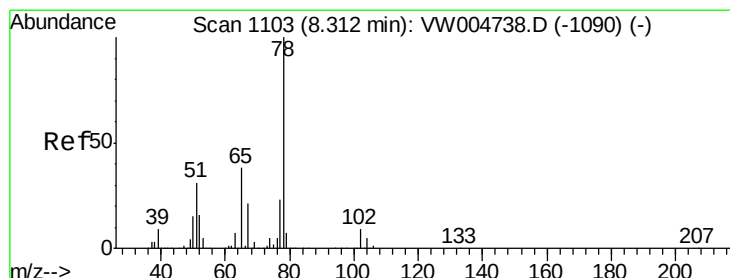
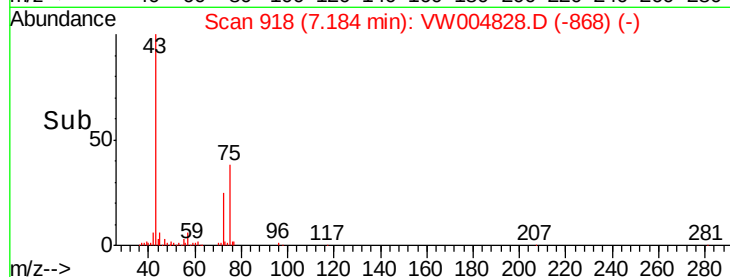
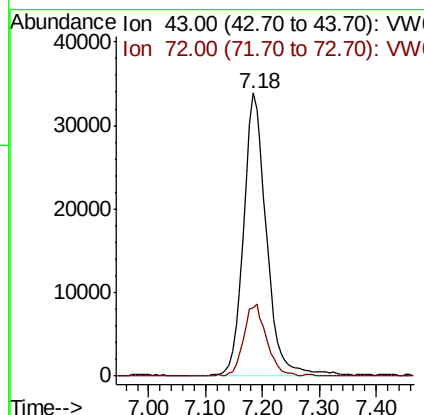
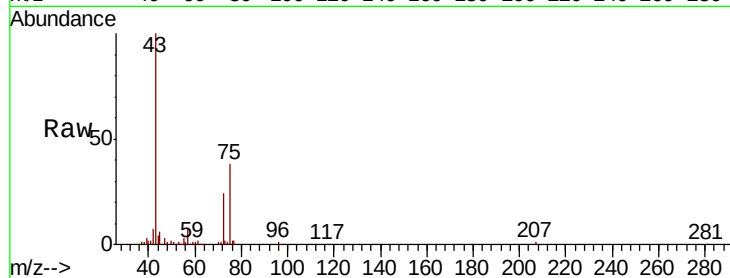
RA-081518-FL-031

Tot Ion: 43 Resp: 95661

Ion Ratio Lower Upper

43 100

72 24.3 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: 76.37 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004828.D

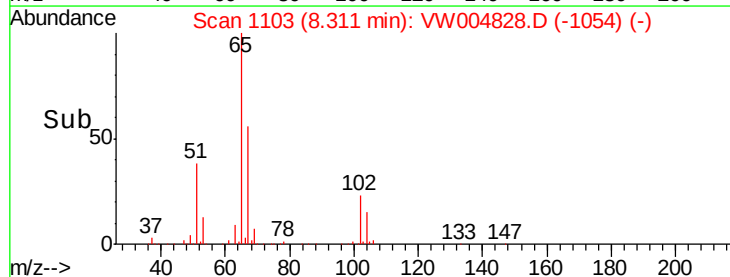
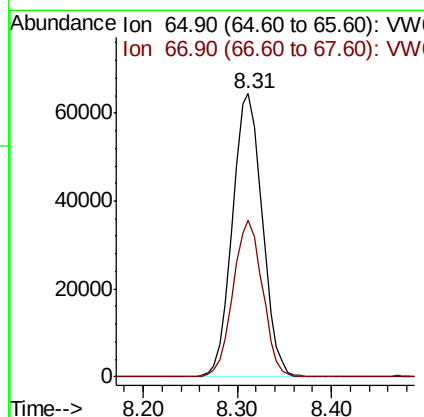
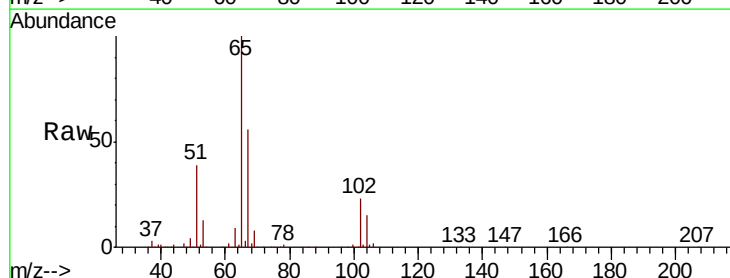
Acq: 21 Aug 2018 08:51

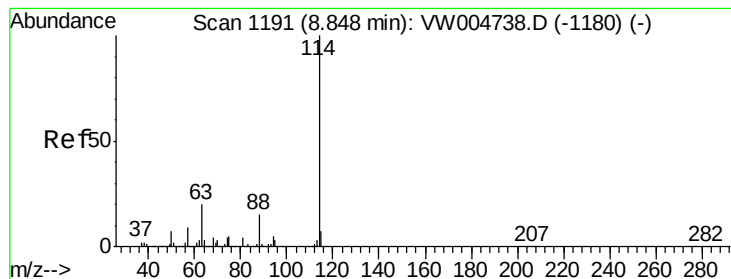
Tgt Ion: 65 Resp: 142580

Ion Ratio Lower Upper

65 100

67 54.5 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: VW004828.D

Acq: 21 Aug 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

RA-081518-FL-031

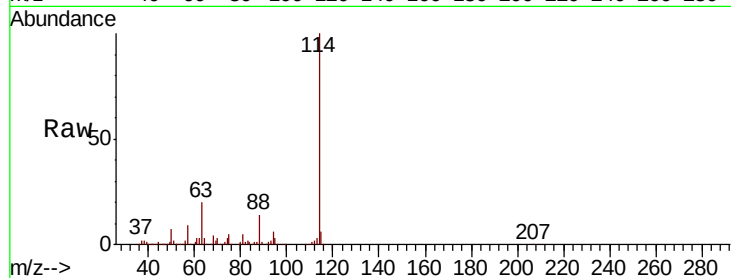
Tot Ion:114 Resp: 297322

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

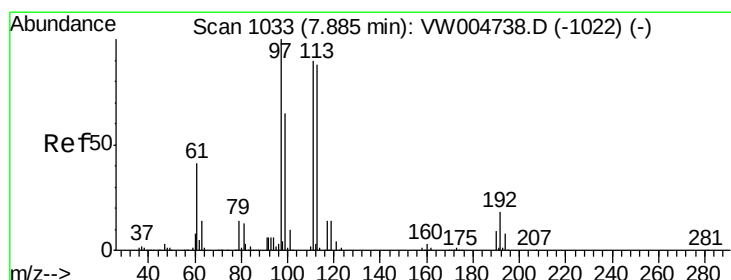
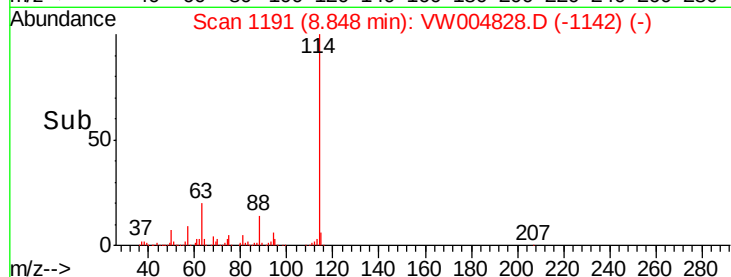
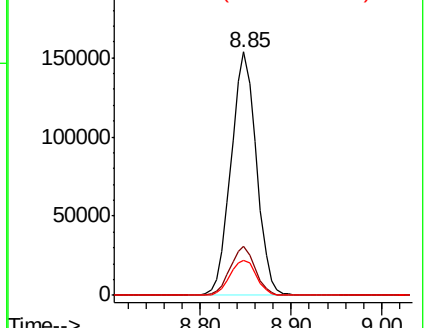
88 14.3 0.0 30.0



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: 70.79 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004828.D

Acq: 21 Aug 2018 08:51

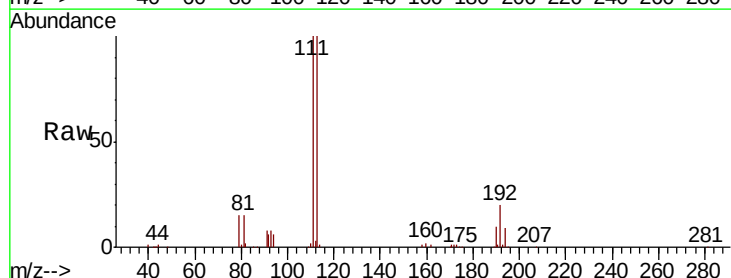
Tgt Ion:113 Resp: 134518

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

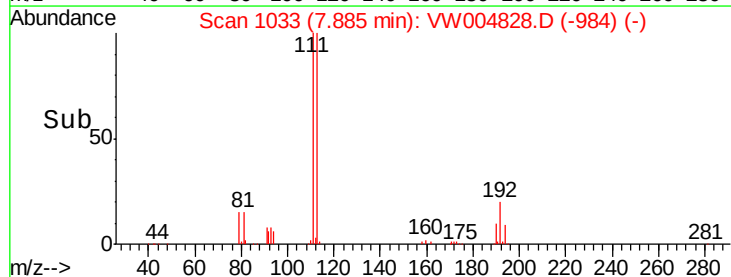
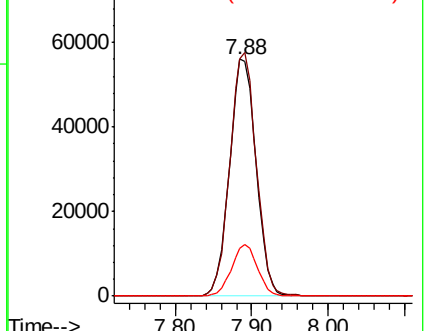
192 21.3 16.7 25.1

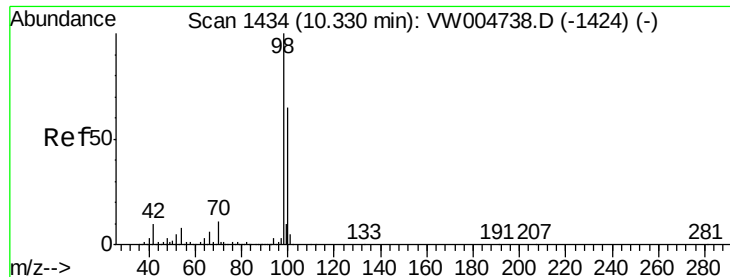


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 32.11 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004828.D

Acq: 21 Aug 2018 08:51

Instrument :

MSVOA_W

ClientSampleId :

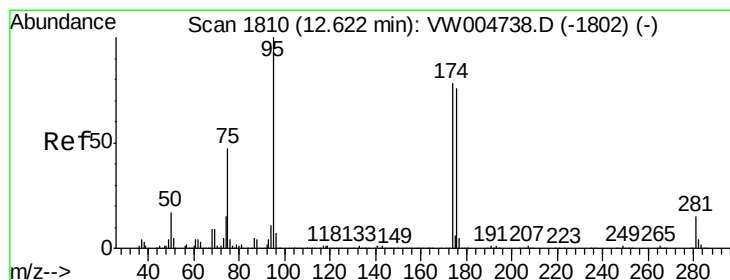
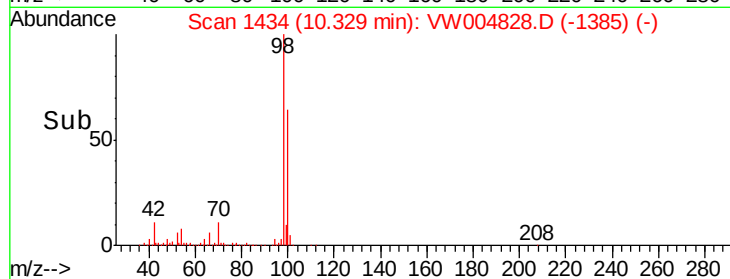
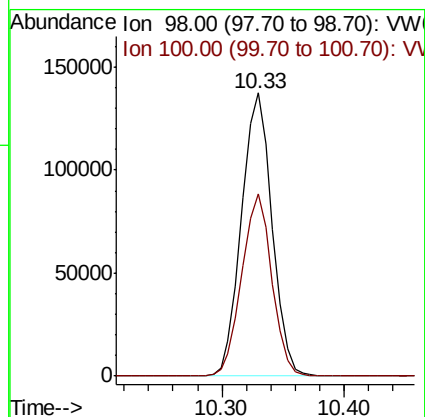
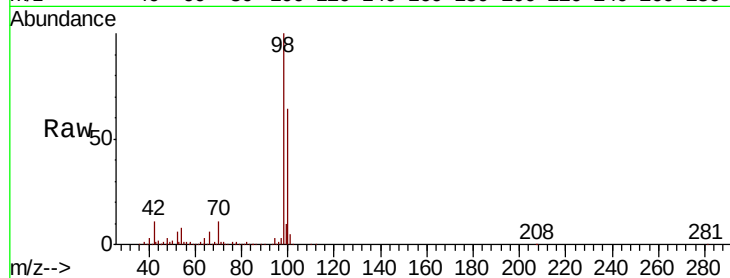
RA-081518-FL-031

Tot Ion: 98 Resp: 238203

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 22.32 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004828.D

Acq: 21 Aug 2018 08:51

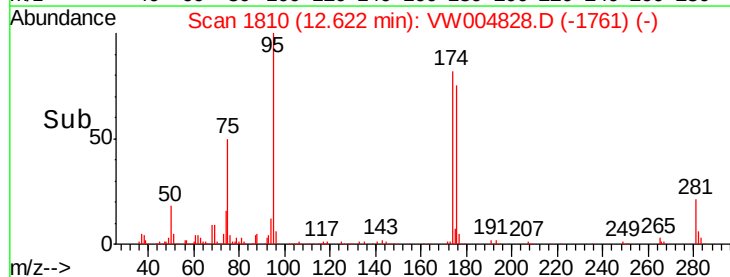
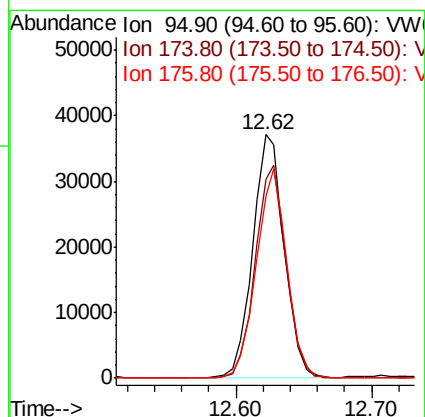
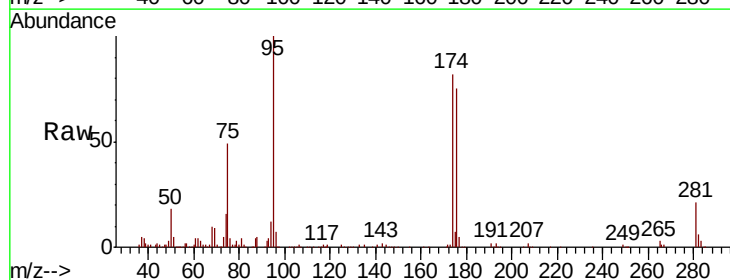
Tgt Ion: 95 Resp: 59576

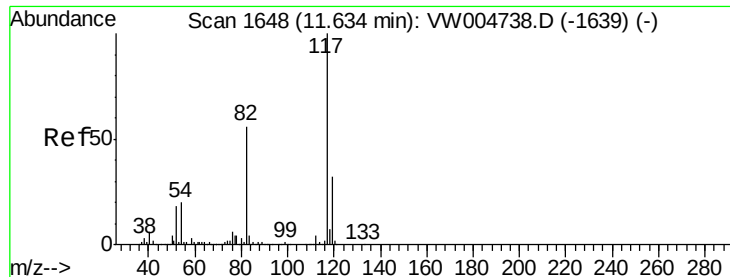
Ion Ratio Lower Upper

95 100

174 86.7 0.0 165.8

176 84.3 0.0 159.8

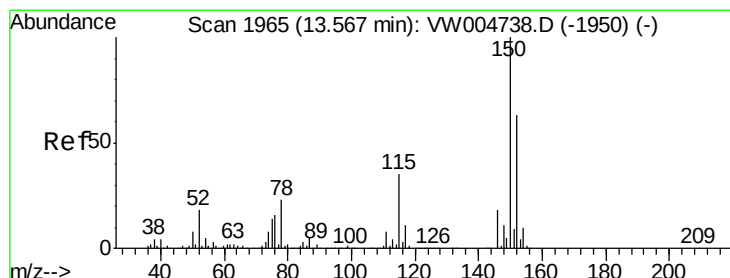
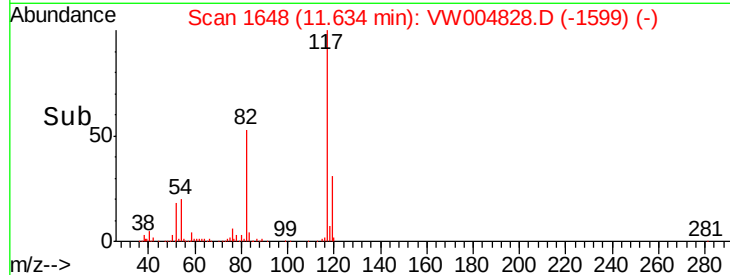
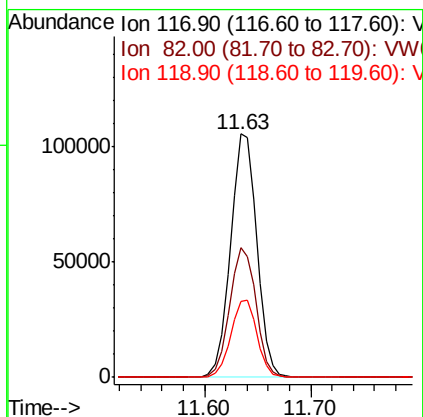
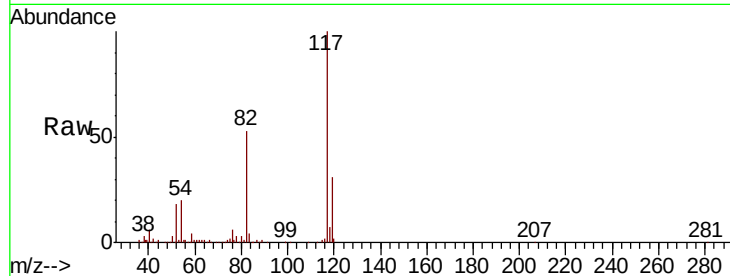




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004828.D
Acq: 21 Aug 2018 08:51

Instrument :
MSVOA_W
ClientSampleId :
RA-081518-FL-031

Tot Ion:117 Resp: 183195
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 31.4 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: VW004828.D
Acq: 21 Aug 2018 08:51

Tgt Ion:152 Resp: 60153
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 154.7 0.0 344.8

