

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004829.D
 Acq On : 21 Aug 2018 09:17
 Operator : SY/AP
 Sample : J4511-11MSD
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Aug 21 11:45:25 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

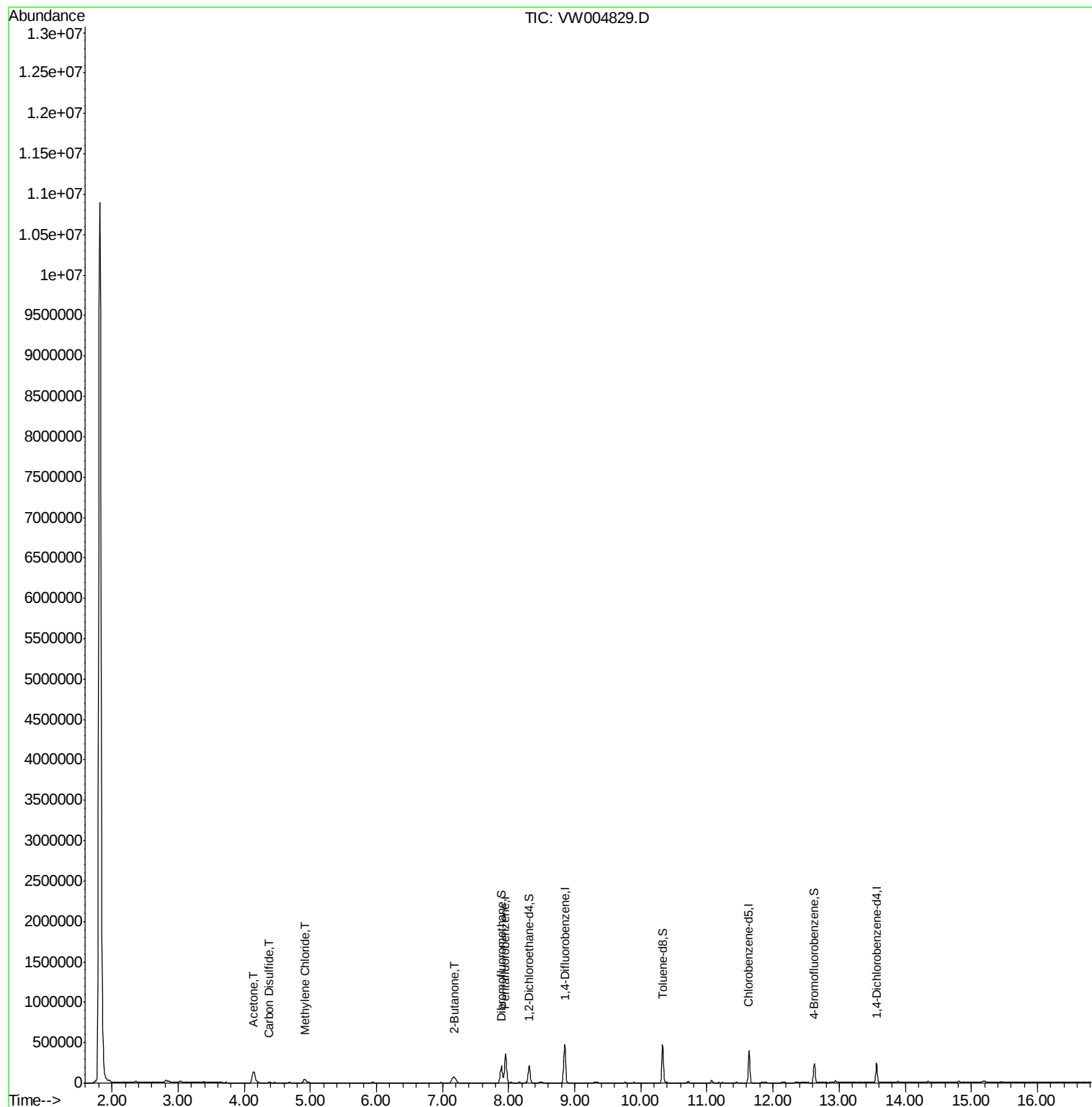
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	405150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	234880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	67853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	162596	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
35) Dibromofluoromethane	7.89	113	157382	60.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.56%	
50) Toluene-d8	10.33	98	322614	31.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.84%	
62) 4-Bromofluorobenzene	12.63	95	74633	20.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.04%	
Target Compounds						
16) Acetone	4.14	43	283233	411.13	ug/l	Qvalue 100
17) Carbon Disulfide	4.38	76	19611	2.07	ug/l	97
20) Methylene Chloride	4.92	84	36514	7.98	ug/l	95
25) 2-Butanone	7.19	43	86840	88.47	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\
Data File : VW004829.D
Acq On : 21 Aug 2018 09:17
Operator : SY/AP
Sample : J4511-11MSD
Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: Aug 21 11:45:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
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: VW004829.D

Acq: 21 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

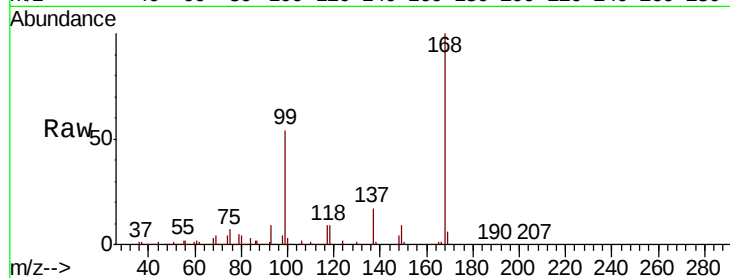
RA-081518-FL-031

Tot Ion:168 Resp: 279136

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

150000

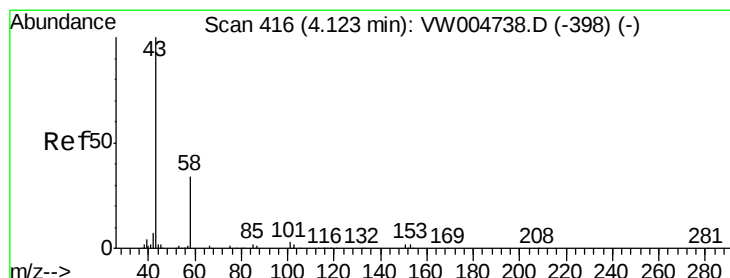
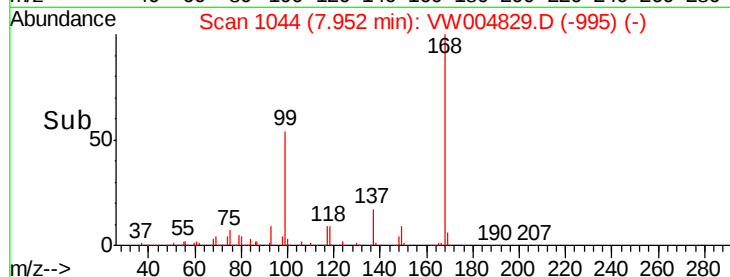
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 411.13 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004829.D

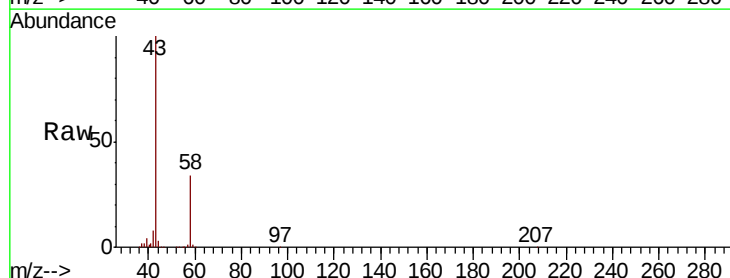
Acq: 21 Aug 2018 09:17

Tgt Ion: 43 Resp: 283233

Ion Ratio Lower Upper

43 100

58 34.1 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

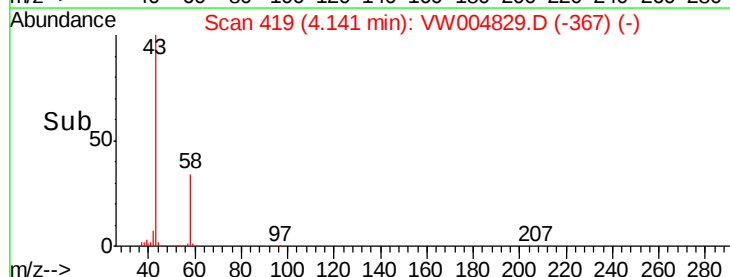
40000

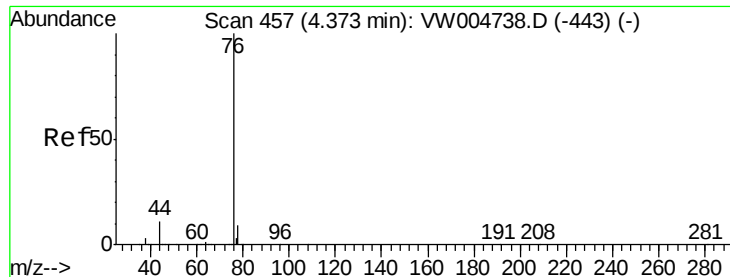
20000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 2.07 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

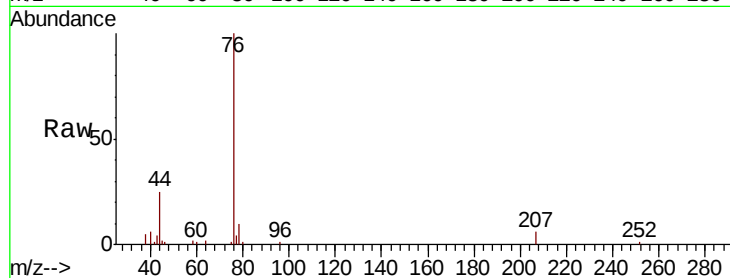
RA-081518-FL-031

Tot Ion: 76 Resp: 19611

Ion Ratio Lower Upper

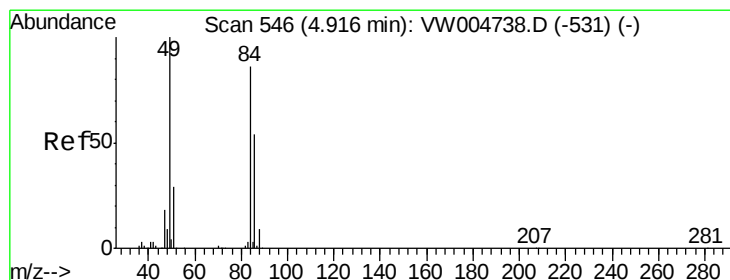
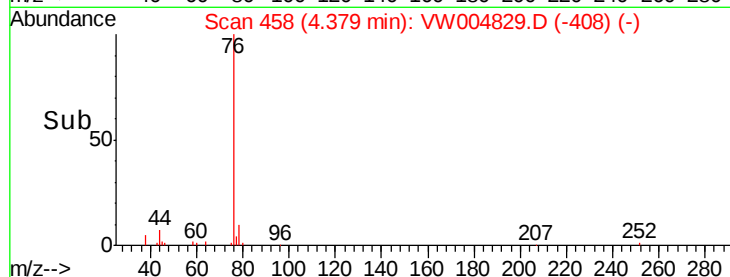
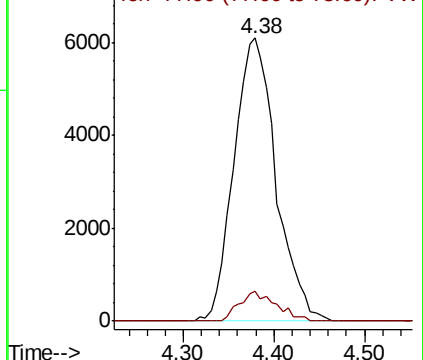
76 100

78 10.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 7.98 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

Tgt Ion: 84 Resp: 36514

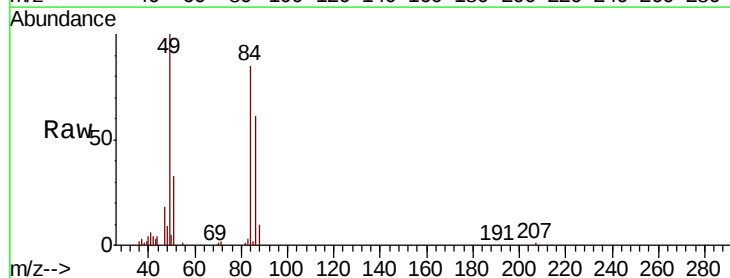
Ion Ratio Lower Upper

84 100

49 117.4 93.2 139.8

51 38.7 27.4 41.0

86 72.0 50.6 75.8

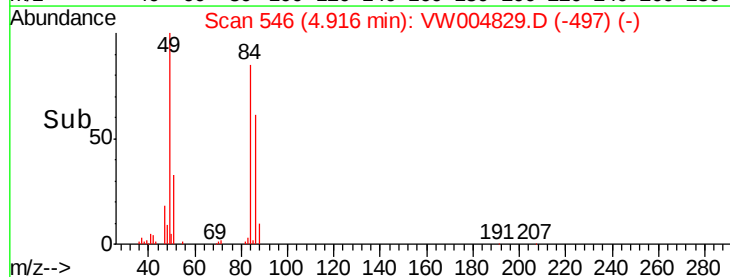
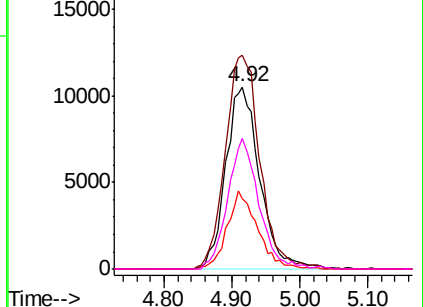


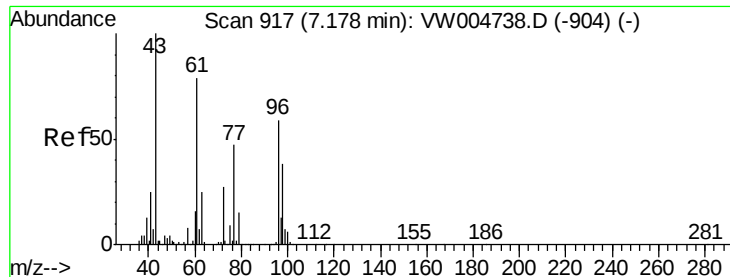
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 88.47 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

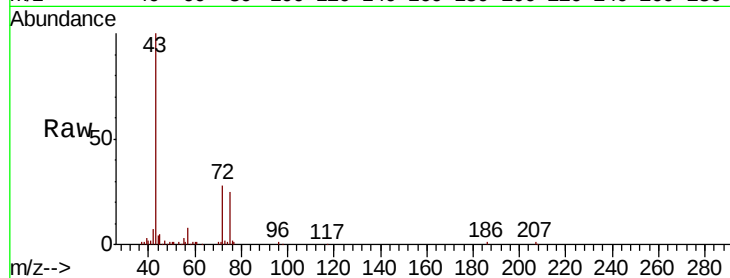
RA-081518-FL-031

Tot Ion: 43 Resp: 86840

Ion Ratio Lower Upper

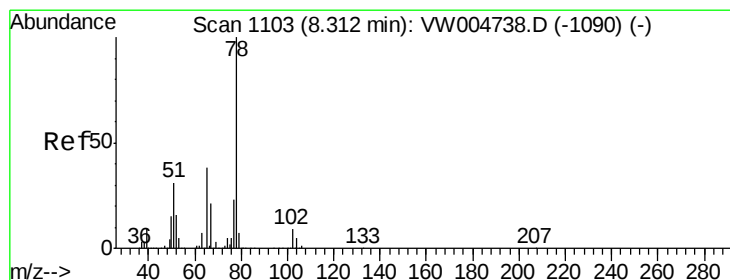
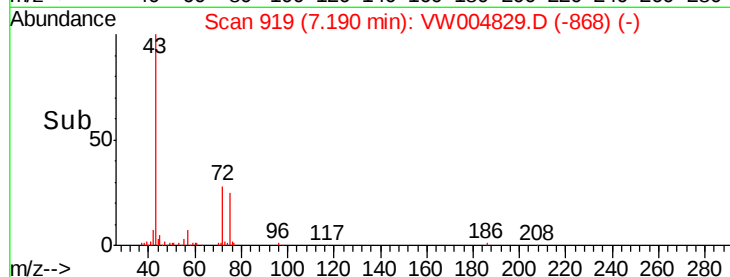
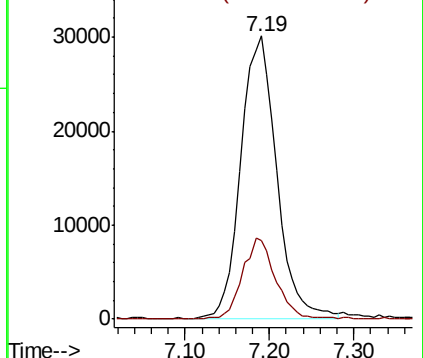
43 100

72 27.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 60.25 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004829.D

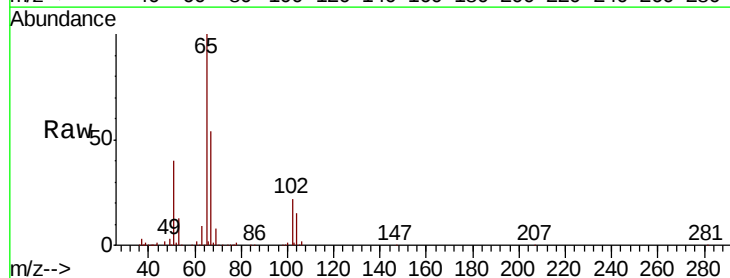
Acq: 21 Aug 2018 09:17

Tgt Ion: 65 Resp: 162596

Ion Ratio Lower Upper

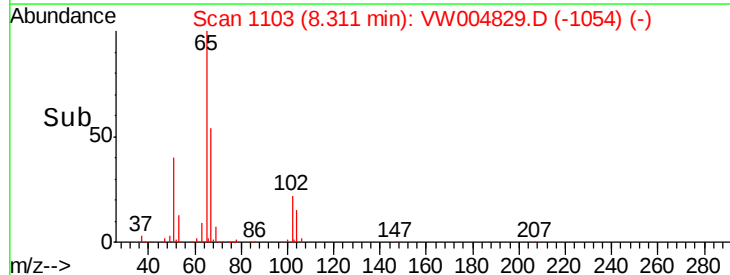
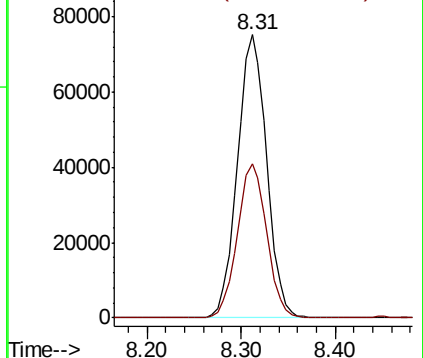
65 100

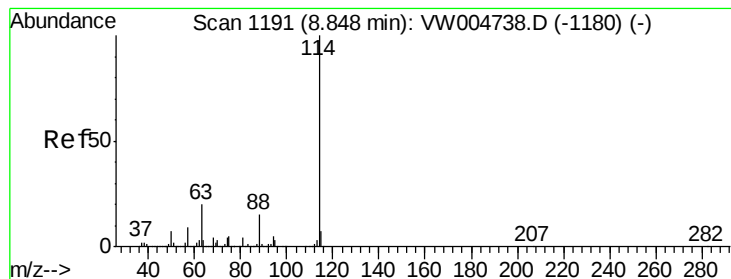
67 54.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

RA-081518-FL-031

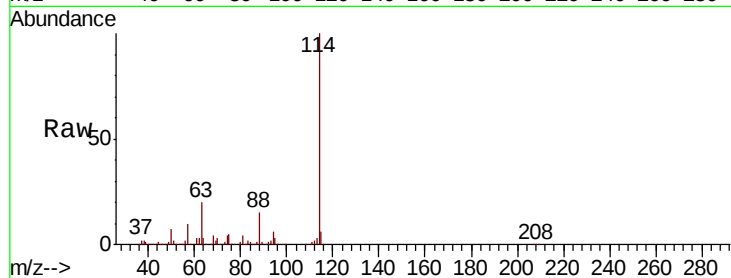
Tot Ion:114 Resp: 405150

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

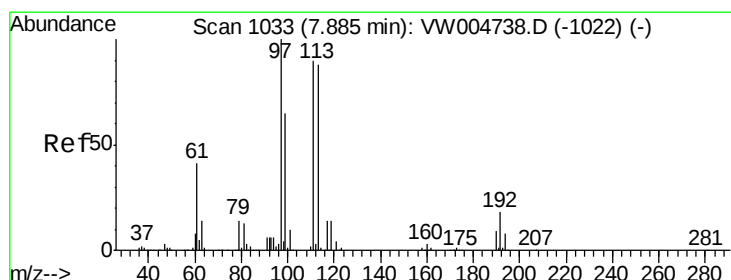
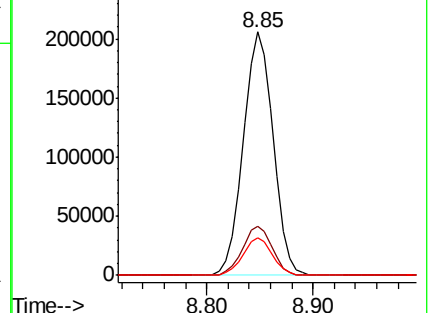
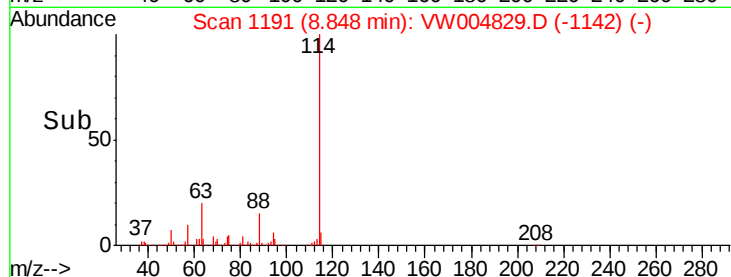
88 15.3 0.0 30.0



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: 60.78 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

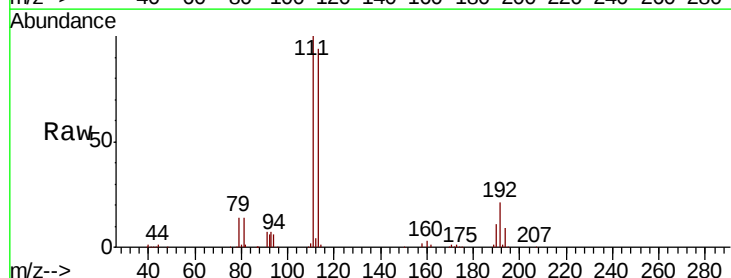
Tgt Ion:113 Resp: 157382

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

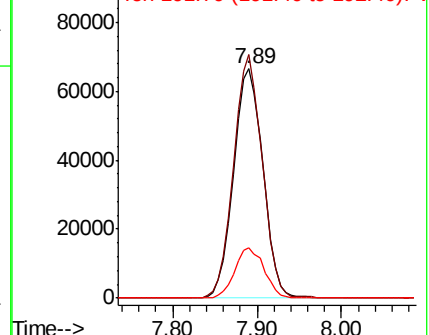
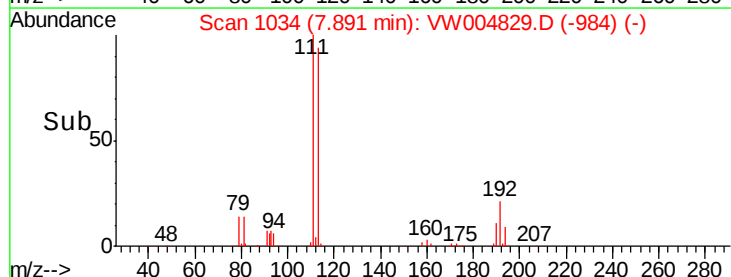
192 21.8 16.7 25.1

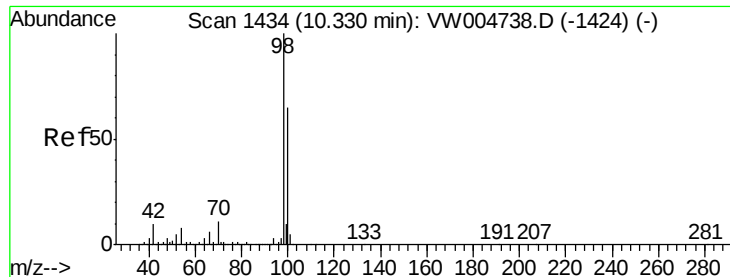


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.92 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

Instrument :

MSVOA_W

ClientSampleId :

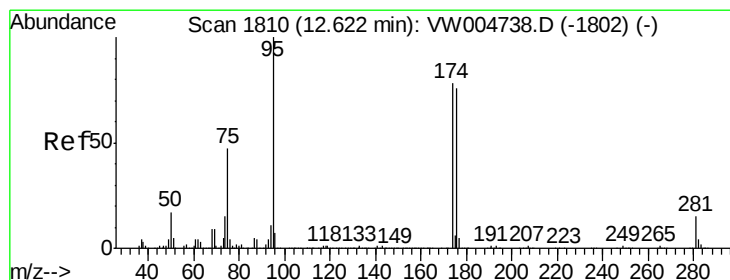
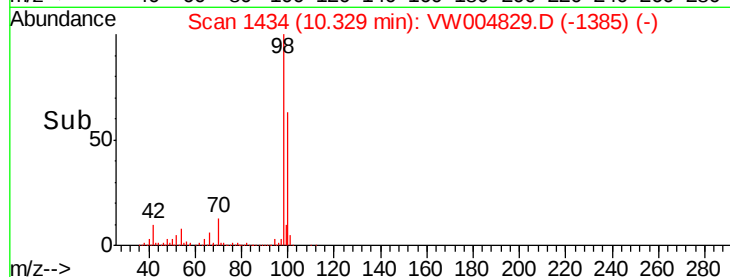
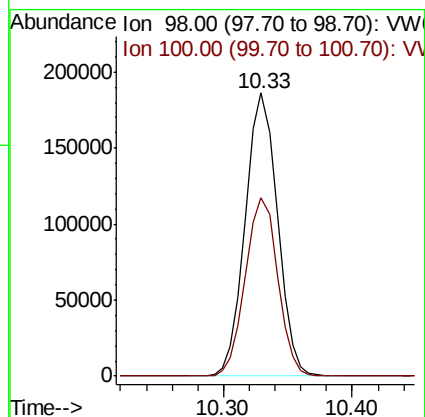
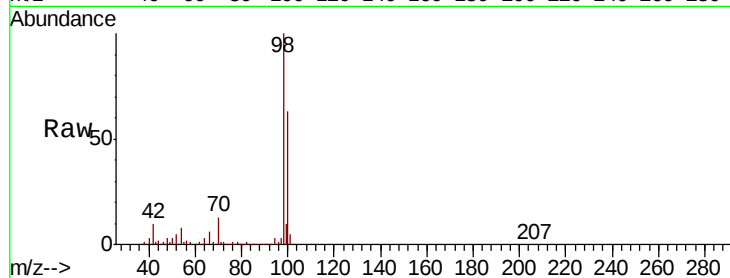
RA-081518-FL-031

Tot Ion: 98 Resp: 322614

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 20.52 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004829.D

Acq: 21 Aug 2018 09:17

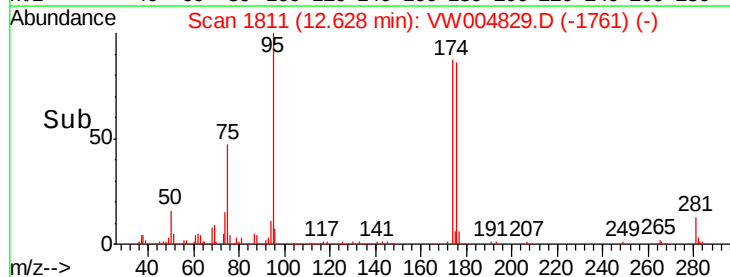
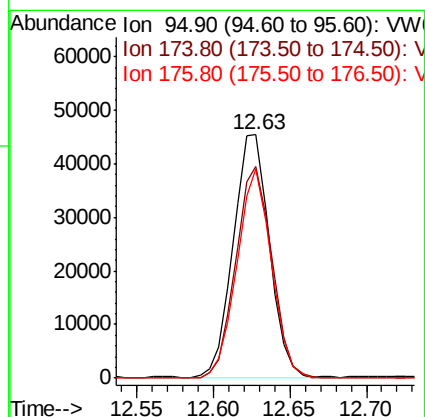
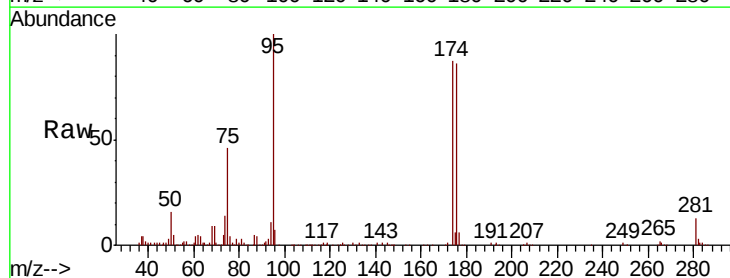
Tgt Ion: 95 Resp: 74633

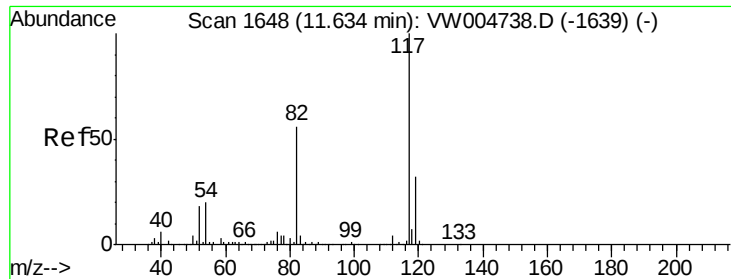
Ion Ratio Lower Upper

95 100

174 86.5 0.0 165.8

176 82.1 0.0 159.8

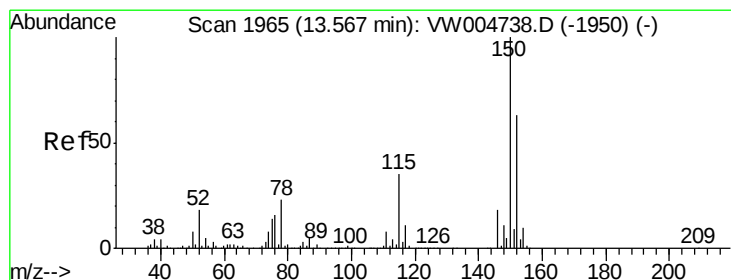
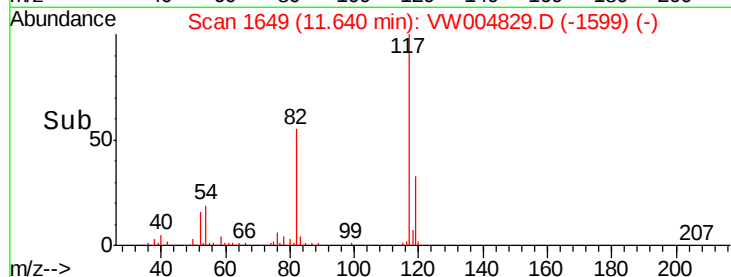
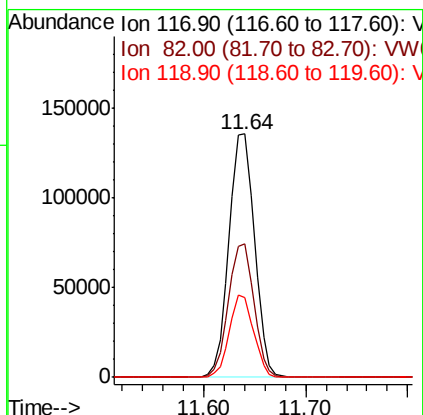
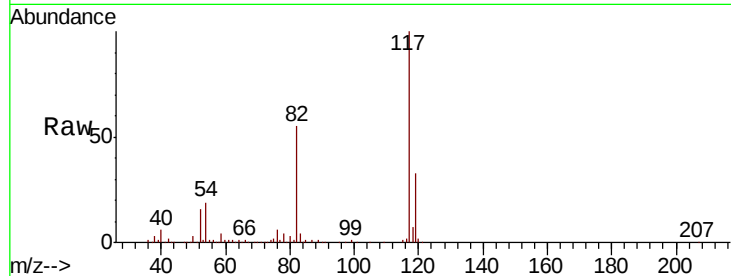




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004829.D
Acq: 21 Aug 2018 09:17

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

Tot Ion:117 Resp: 234880
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.9 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: VW004829.D
Acq: 21 Aug 2018 09:17

Tgt Ion:152 Resp: 67853
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 157.7 0.0 344.8

