

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004768.D
 Acq On : 18 Aug 2018 08:39
 Operator : SY/AP
 Sample : J4500-21
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROCK

Quant Time: Aug 20 01:32:17 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	498773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	859511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	789291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	340399	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	292955	60.75	ug/l	0.00
Spiked Amount			Recovery	=	121.50%	
35) Dibromofluoromethane	7.89	113	277480	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	10.33	98	887599	41.39	ug/l	0.00
Spiked Amount			Recovery	=	82.78%	
62) 4-Bromofluorobenzene	12.63	95	304508	39.47	ug/l	0.00
Spiked Amount			Recovery	=	78.94%	

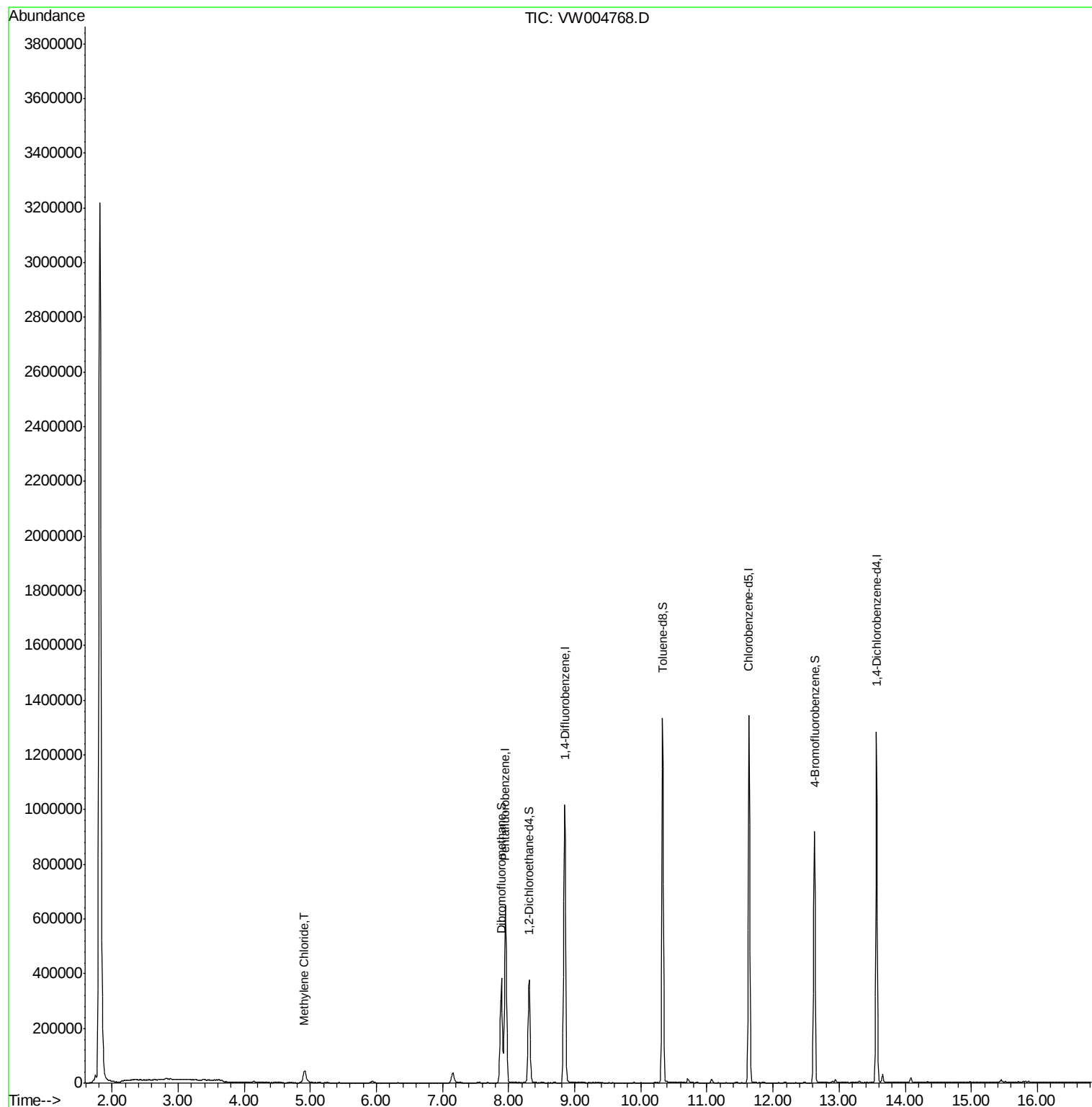
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	38129	2.70	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
Data File : VW004768.D
Acq On : 18 Aug 2018 08:39
Operator : SY/AP
Sample : J4500-21
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ROCK

Quant Time: Aug 20 01:32:17 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: VW004768.D

Acq: 18 Aug 2018 08:39

Instrument :

MSVOA_W

ClientSampled :

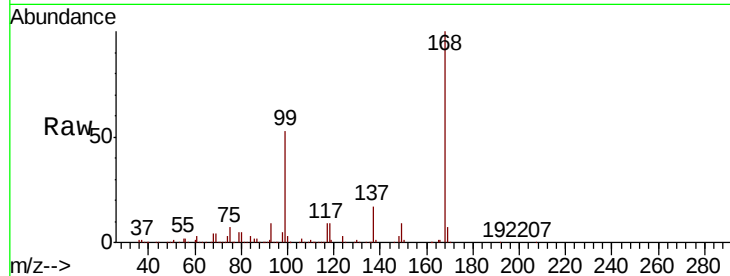
ROCK

Tot Ion:168 Resp: 498773

Ion Ratio Lower Upper

168 100

99 53.1 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

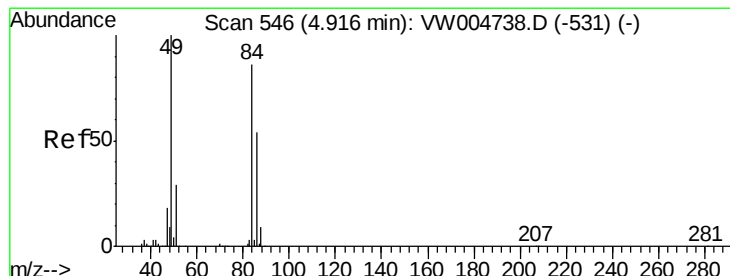
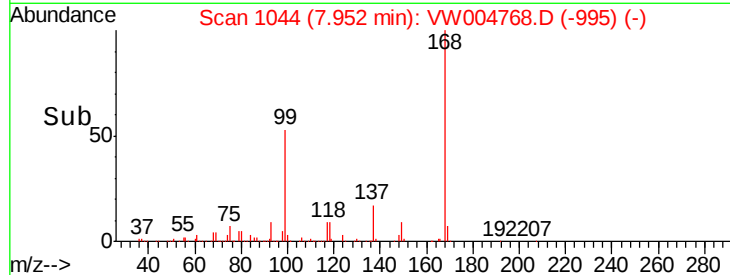
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 2.70 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004768.D

Acq: 18 Aug 2018 08:39

Tgt Ion: 84 Resp: 38129

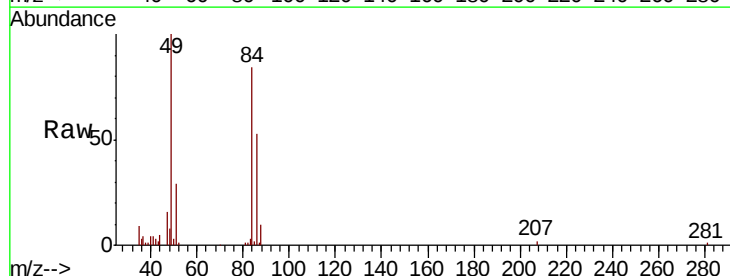
Ion Ratio Lower Upper

84 100

49 118.9 93.2 139.8

51 34.5 27.4 41.0

86 63.0 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

20000

15000

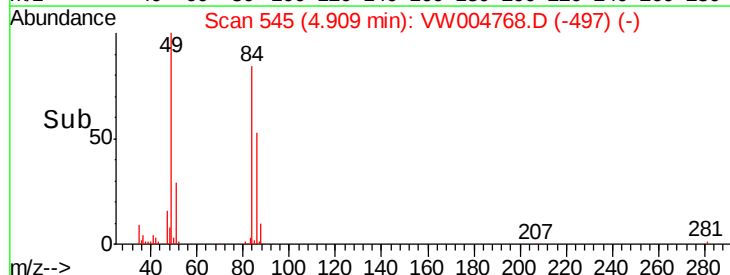
10000

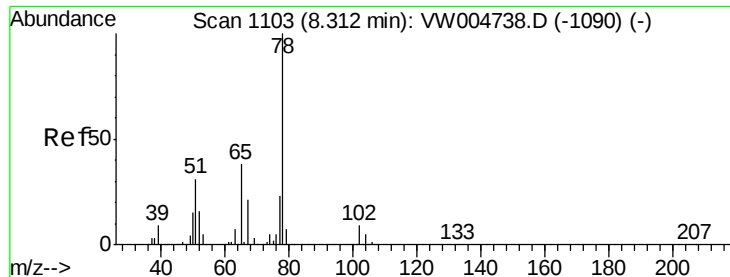
5000

0

4.80 4.90 5.00 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.75 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004768.D

Acq: 18 Aug 2018 08:39

Instrument :

MSVOA_W

ClientSampled :

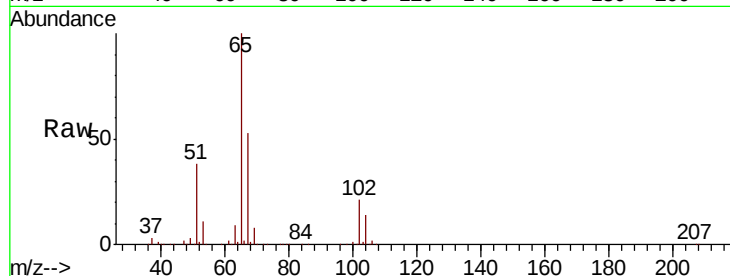
ROCK

Tot Ion: 65 Resp: 292955

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

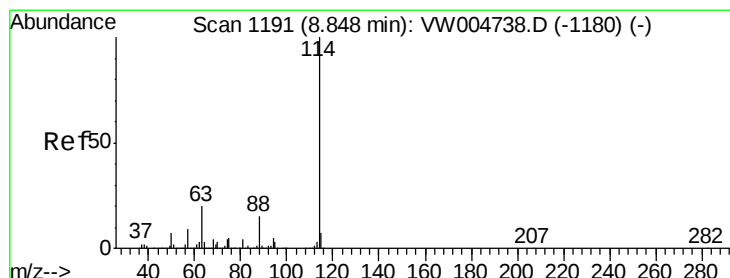
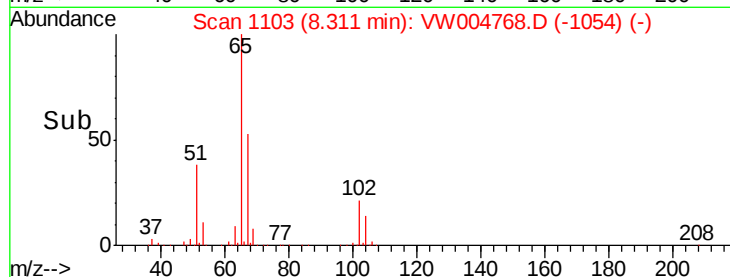
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004768.D

Acq: 18 Aug 2018 08:39

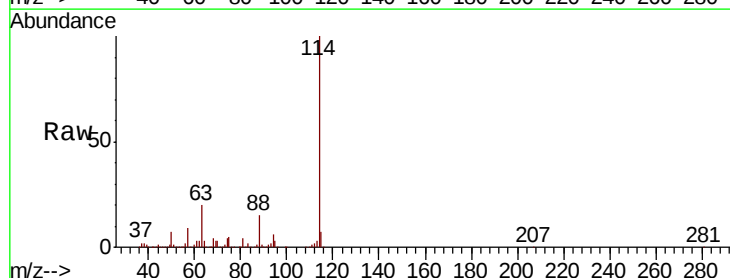
Tgt Ion: 114 Resp: 859511

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 14.9 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

600000

500000

400000

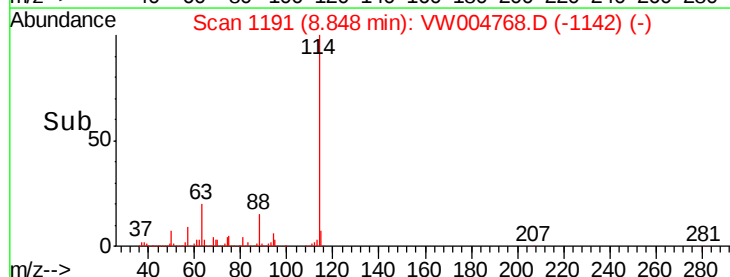
300000

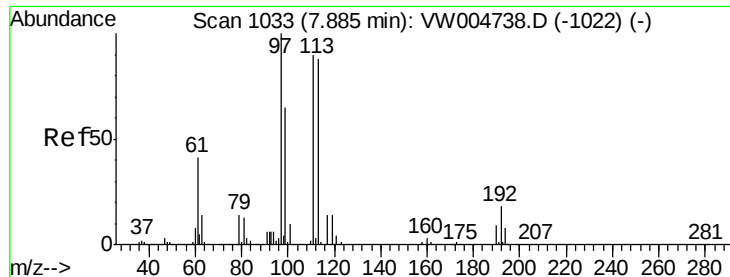
200000

100000

0

Time-->

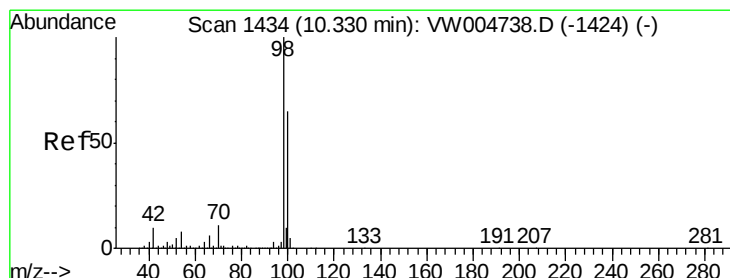
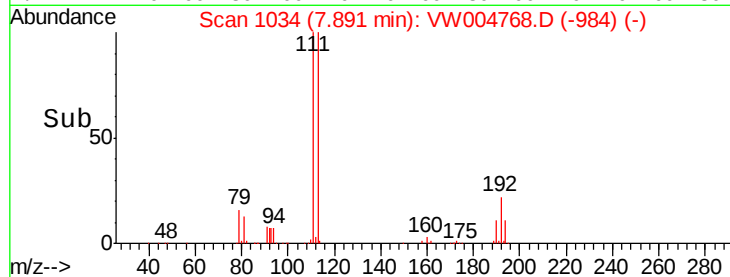
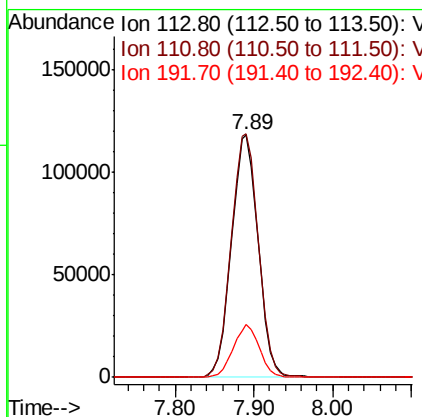
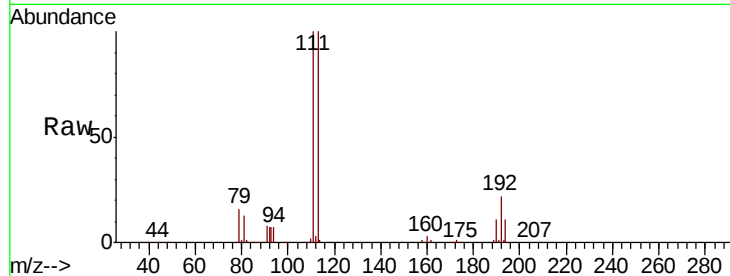




#35
 Dibromofluoromethane
 Concen: 50.51 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004768.D
 Acq: 18 Aug 2018 08:39

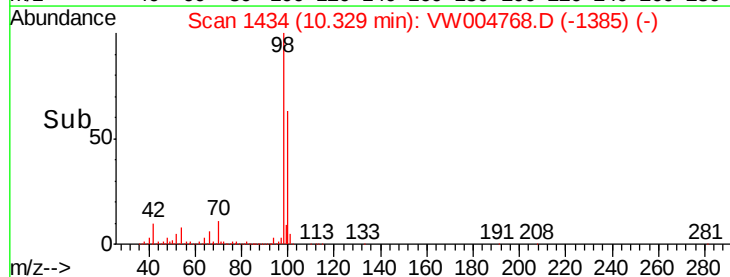
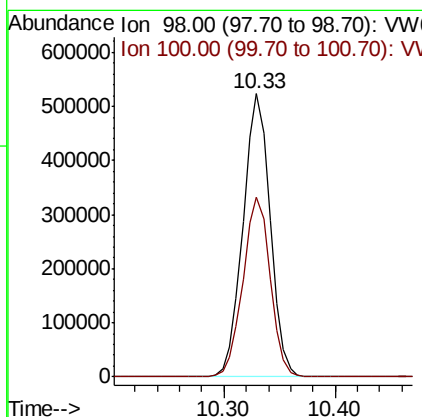
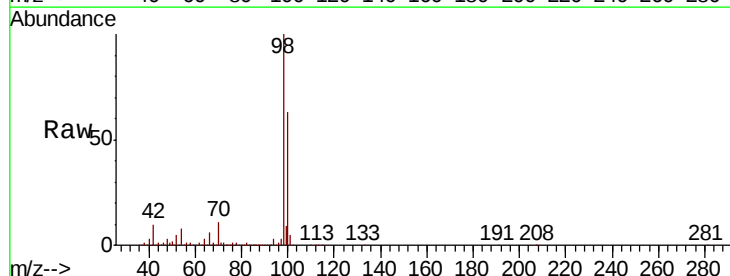
Instrument :
 MSVOA_W
 ClientSampleId :
 ROCK

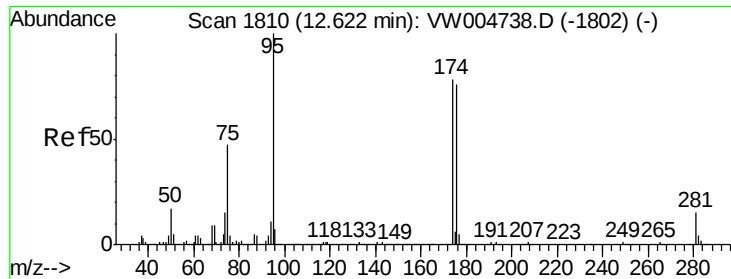
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.3	16.7	25.1



#50
 Toluene-d8
 Concen: 41.39 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004768.D
 Acq: 18 Aug 2018 08:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.8

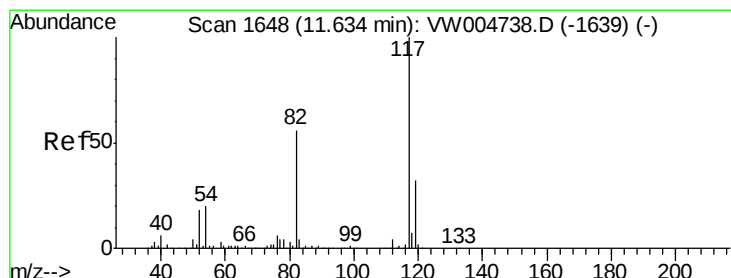
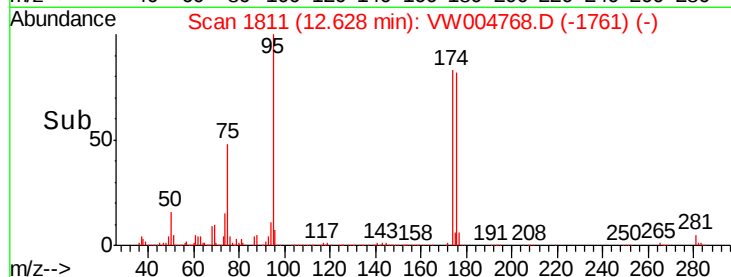
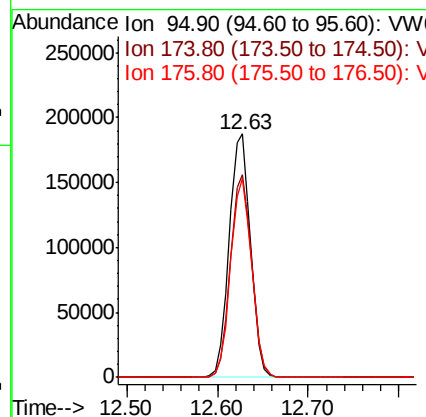
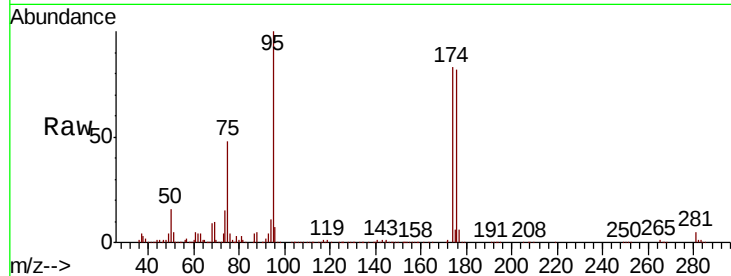




#62
4-Bromofluorobenzene
Concen: 39.47 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004768.D
Acq: 18 Aug 2018 08:39

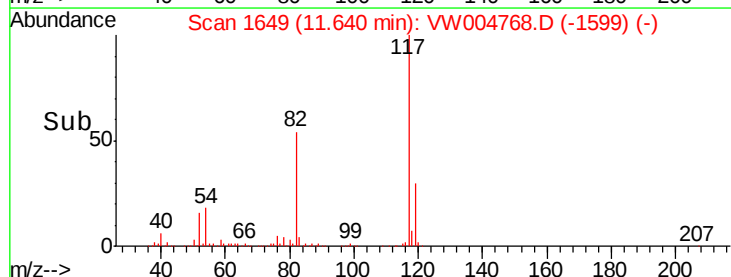
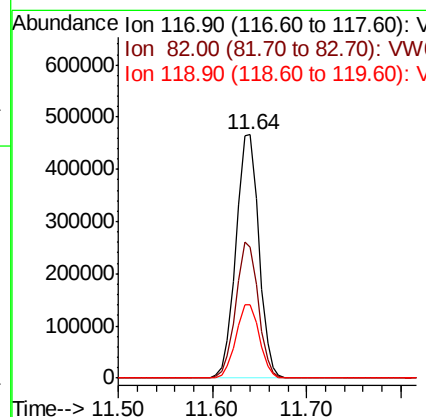
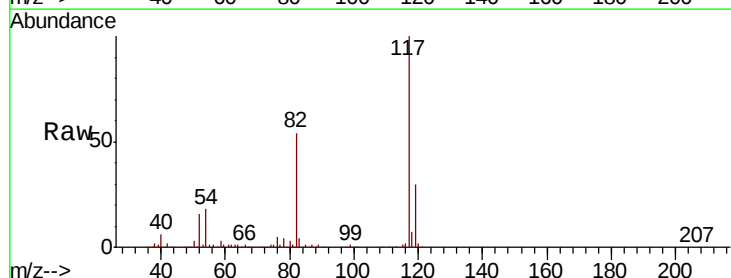
Instrument :
MSVOA_W
ClientSampleId :
ROCK

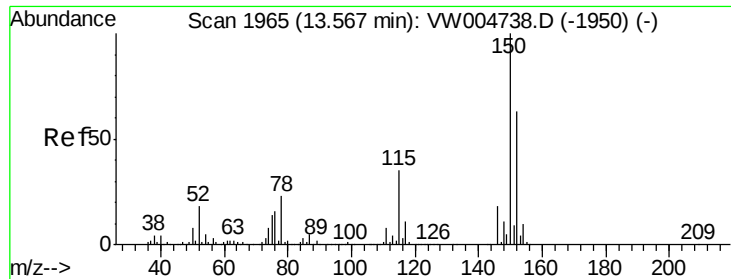
Tot Ion: 95 Resp: 304508
Ion Ratio Lower Upper
95 100
174 83.4 0.0 165.8
176 80.8 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004768.D
Acq: 18 Aug 2018 08:39

Tgt Ion: 117 Resp: 789291
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 30.0 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: VW004768.D

Acq: 18 Aug 2018 08:39

Instrument :

MSVOA_W

ClientSampleId :

ROCK

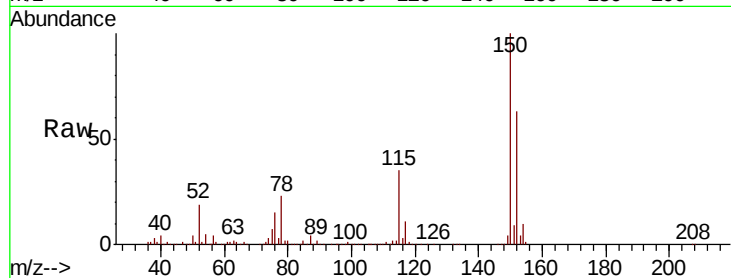
Tot Ion:152 Resp: 340399

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 159.6 0.0 344.8



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

