

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063321.D
 Acq On : 2 Aug 2019 17:17
 Operator : VA/AP
 Sample : K4130-02
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F1-(0-1)

Quant Time: Aug 04 04:26:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

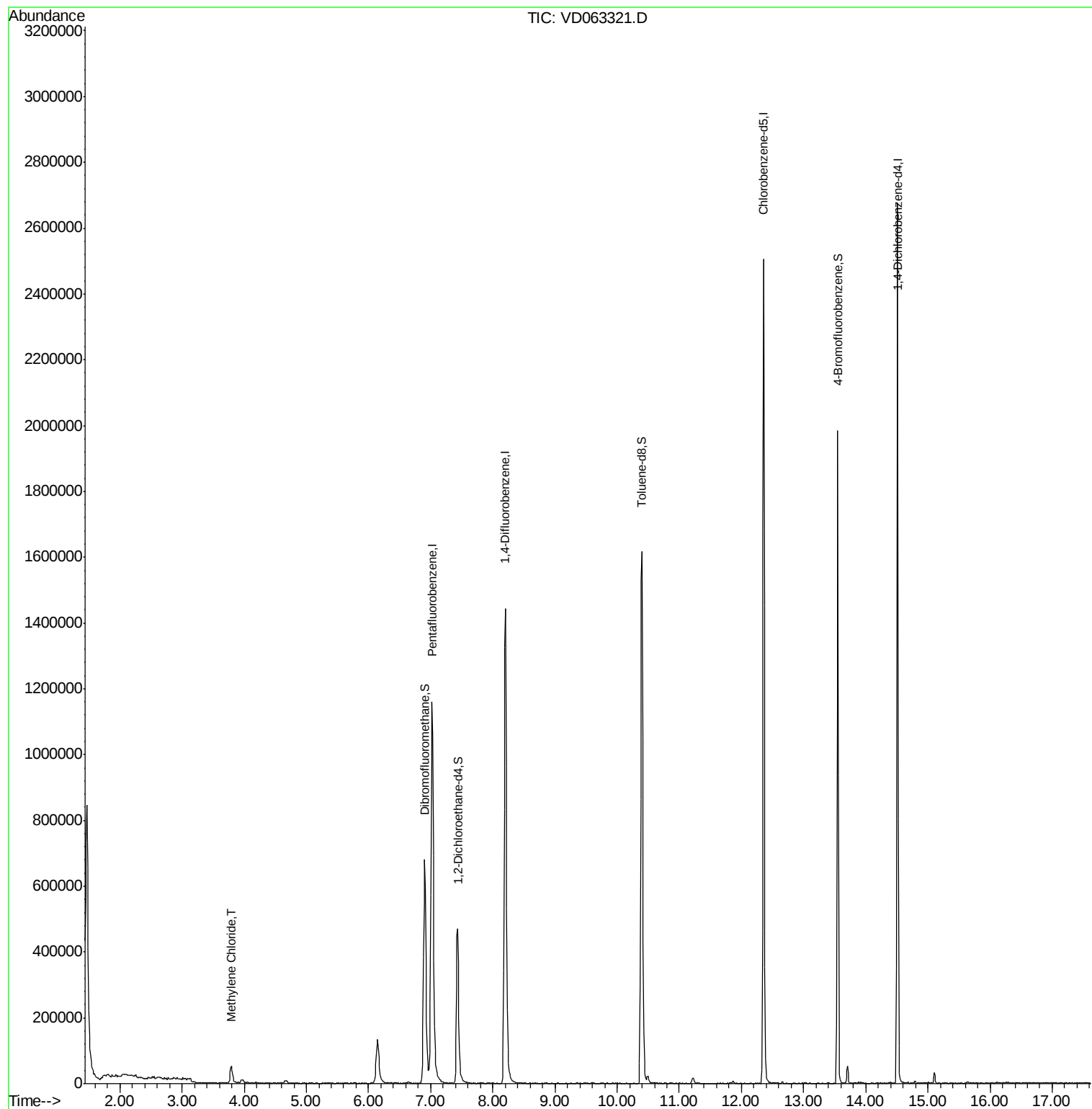
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	1159327	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1557361	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1314196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	609055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	546827	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
35) Dibromofluoromethane	6.90	113	592010	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
50) Toluene-d8	10.40	98	1323699	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
62) 4-Bromofluorobenzene	13.55	95	524847	38.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.40%	
Target Compounds						
20) Methylene Chloride	3.78	84	30741	3.034	ug/l	Qvalue 88

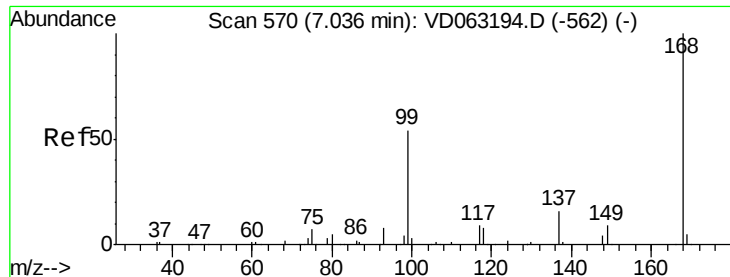
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

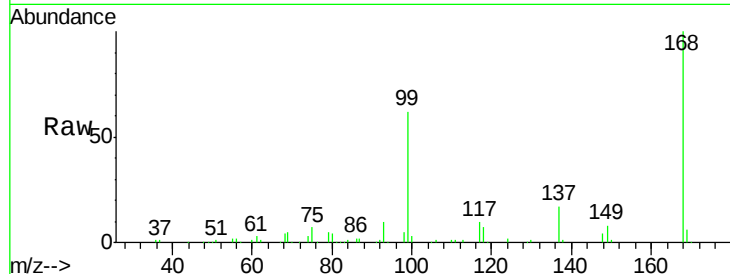
1S-F1-(0-1)

Tot Ion:168 Resp: 1159327

Ion Ratio Lower Upper

168 100

99 61.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

400000

300000

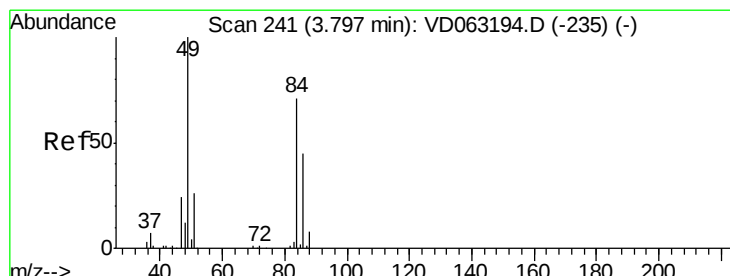
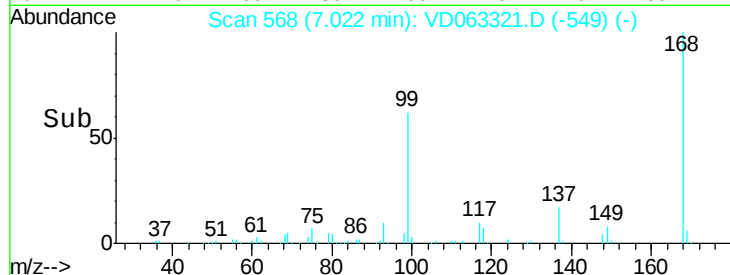
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 3.034 ug/l

RT: 3.78 min Scan# 239

Delta R.T. -0.01 min

Lab File: VD063321.D

Acq: 2 Aug 2019 17:17

Tgt Ion: 84 Resp: 30741

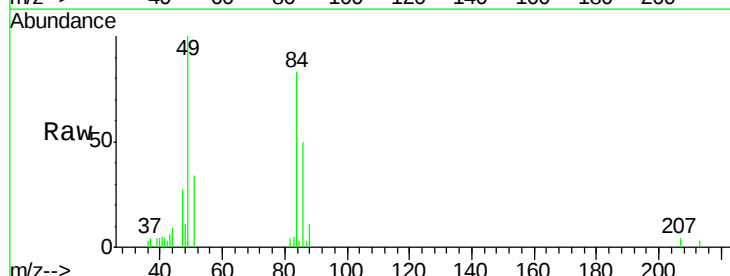
Ion Ratio Lower Upper

84 100

49 119.9 112.5 168.7

51 41.1 29.6 44.4

86 60.0 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.78

20000

15000

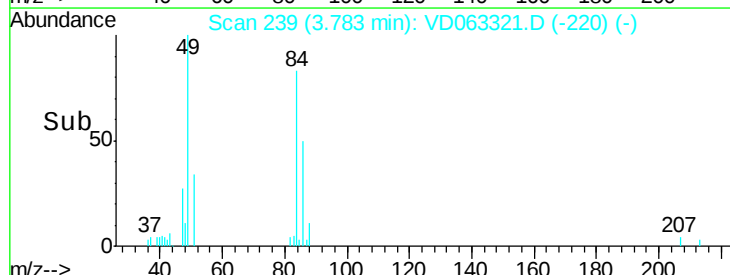
10000

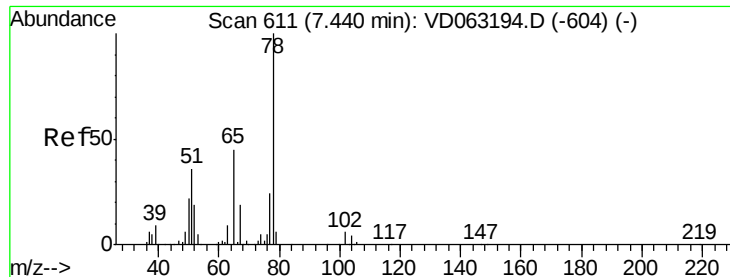
5000

0

3.70 3.80 3.90

Time-->

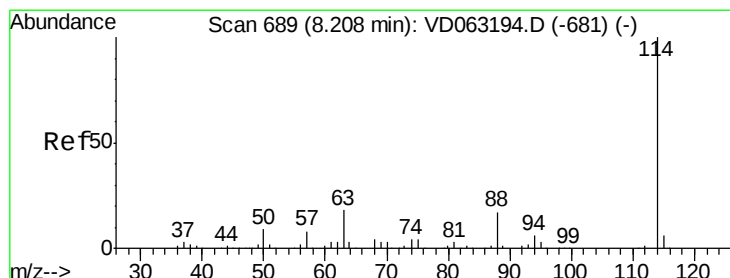
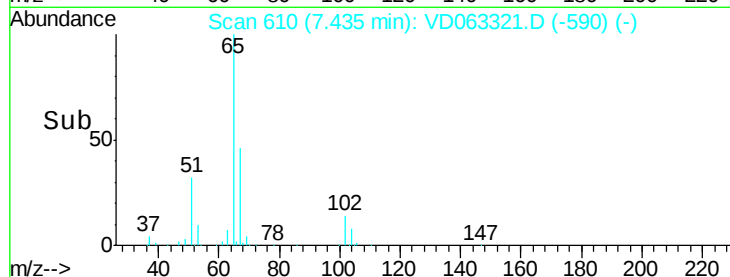
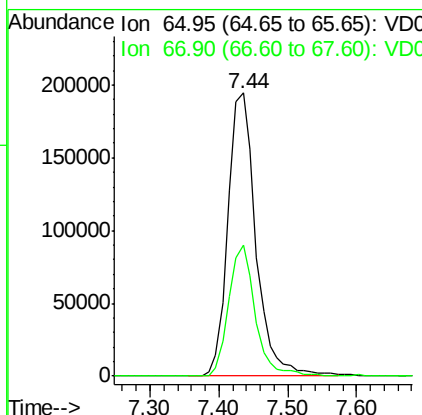
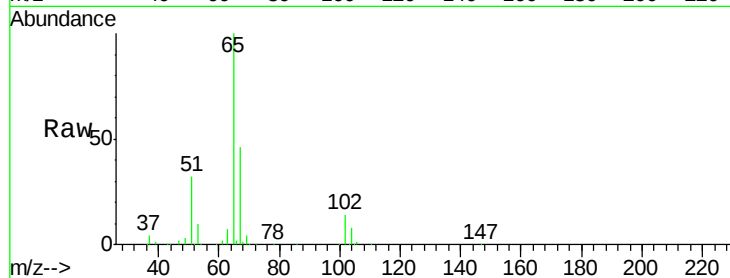




#33
 1,2-Dichloroethane-d4
 Concen: 42.509 ug/l
 RT: 7.44 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD063321.D
 Acq: 2 Aug 2019 17:17

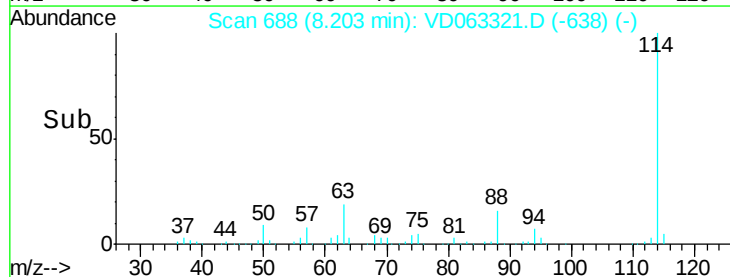
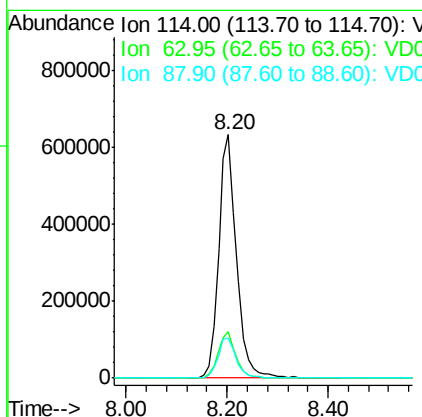
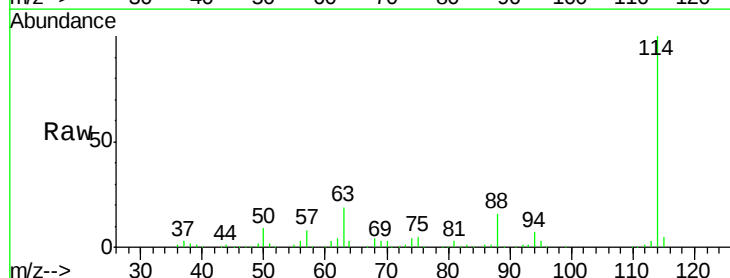
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F1-(0-1)

Tot Ion: 65 Resp: 546827
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: VD063321.D
 Acq: 2 Aug 2019 17:17

Tgt Ion: 114 Resp: 1557361
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 16.5 0.0 34.6





#35

Dibromofluoromethane

Concen: 44.524 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.00 min

Lab File: VD063321.D

Acq: 2 Aug 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(0-1)

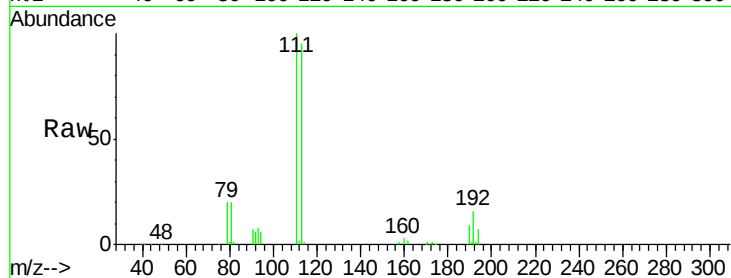
Tot Ion:113 Resp: 592010

Ion Ratio Lower Upper

113 100

111 105.7 83.2 124.8

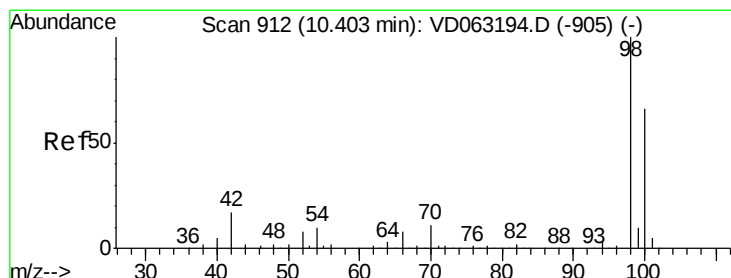
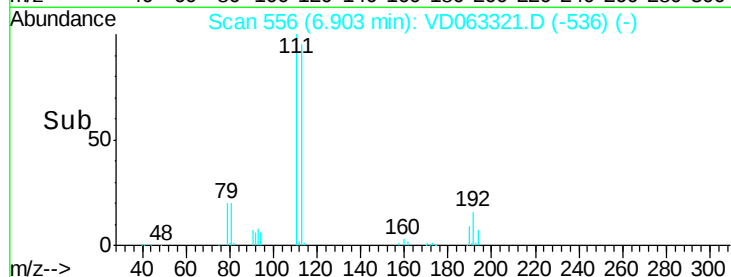
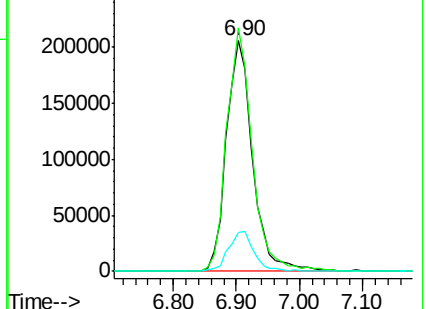
192 16.6 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 44.483 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063321.D

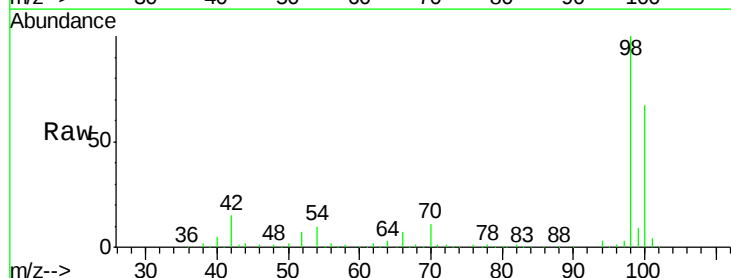
Acq: 2 Aug 2019 17:17

Tgt Ion: 98 Resp: 1323699

Ion Ratio Lower Upper

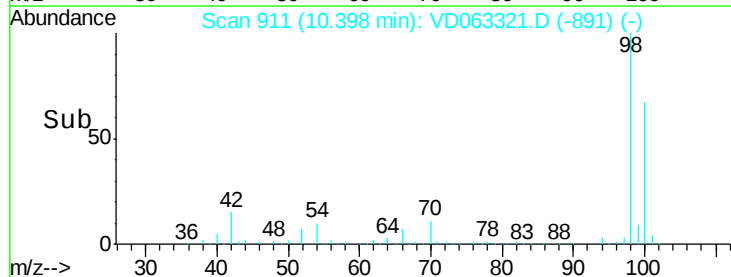
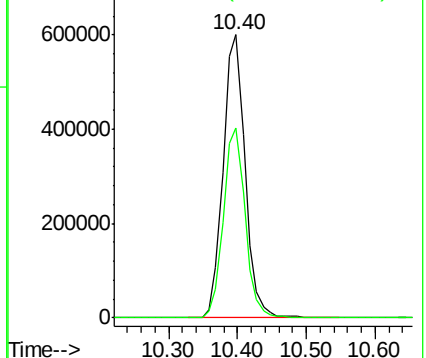
98 100

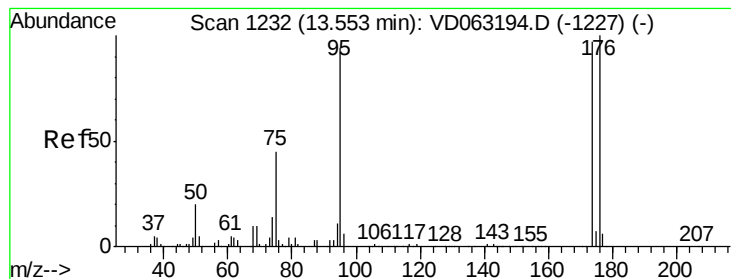
100 67.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 38.704 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063321.D

Acq: 2 Aug 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(0-1)

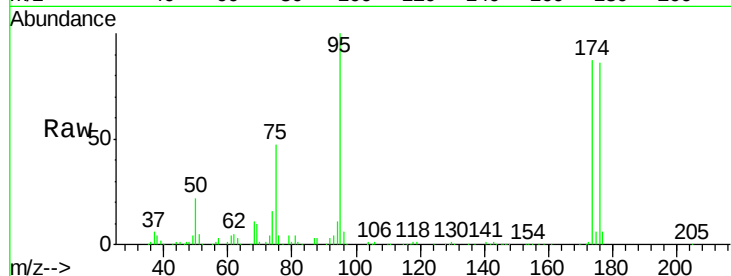
Tot Ion: 95 Resp: 524847

Ion Ratio Lower Upper

95 100

174 87.5 0.0 205.4

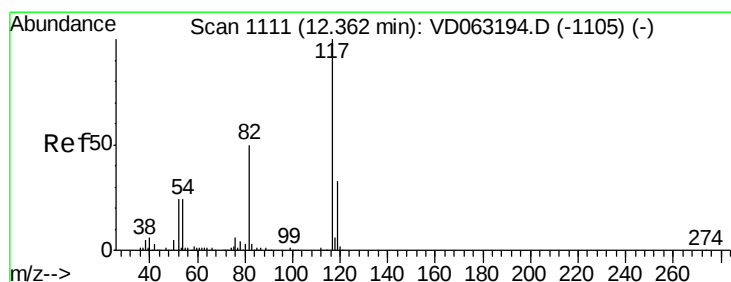
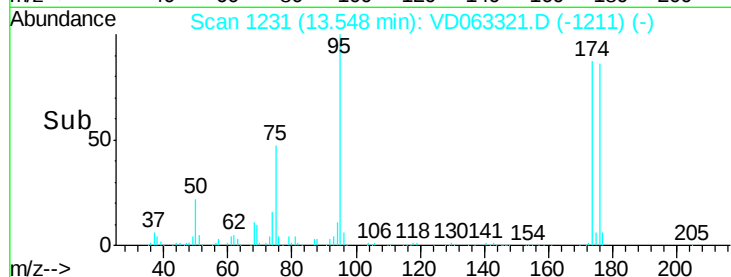
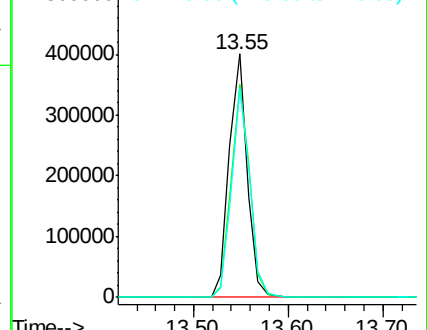
176 85.6 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD063321.D

Acq: 2 Aug 2019 17:17

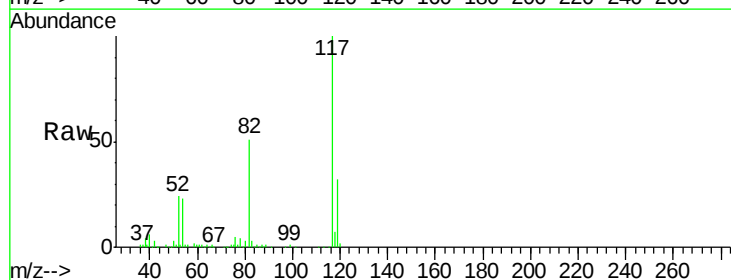
Tgt Ion: 117 Resp: 1314196

Ion Ratio Lower Upper

117 100

82 51.0 40.1 60.1

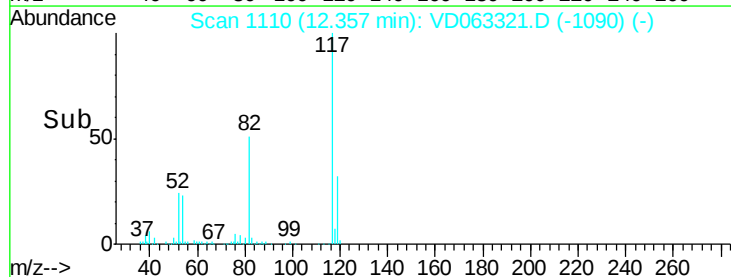
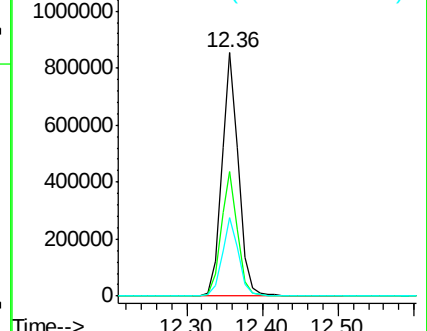
119 32.2 26.5 39.7

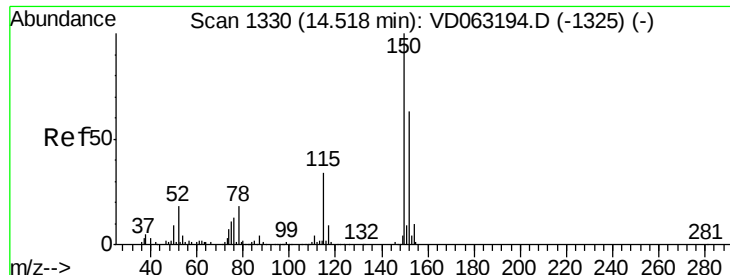


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063321.D

Acq: 2 Aug 2019 17:17

Instrument :

MSVOA_D

ClientSampleId :

1S-F1-(0-1)

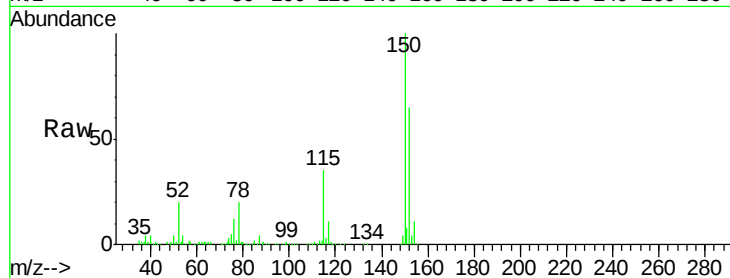
Tot Ion:152 Resp: 609055

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.4

150 154.9 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

