

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063320.D
 Acq On : 2 Aug 2019 16:50
 Operator : VA/AP
 Sample : K4120-13RE
 Misc : 4.97g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-3RE

Quant Time: Aug 04 04:25:16 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

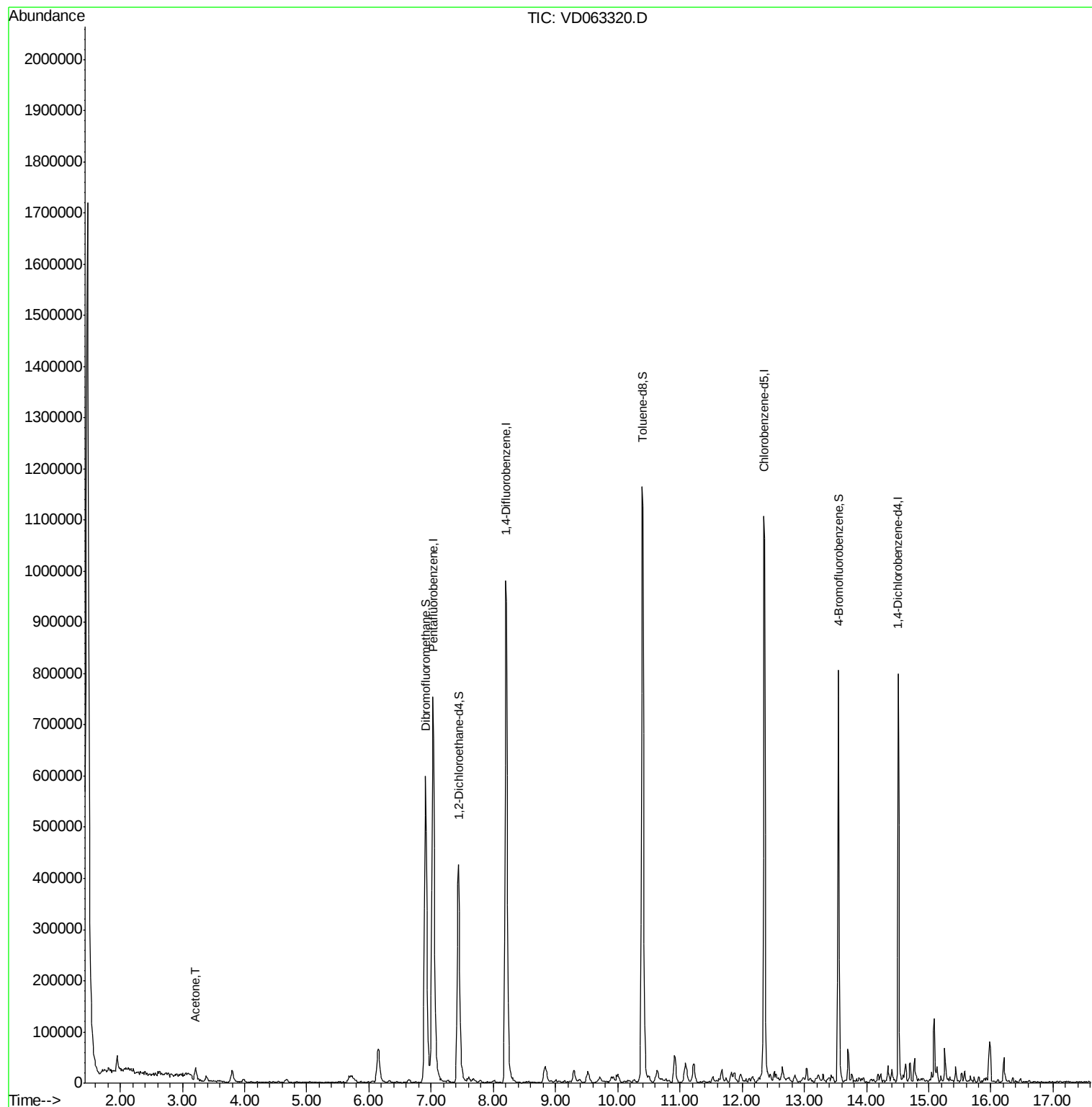
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	733474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1076000	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	652707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	165245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	487411	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
35) Dibromofluoromethane	6.91	113	523813	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
50) Toluene-d8	10.39	98	963161	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	13.54	95	237879	25.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.78%	
Target Compounds						
16) Acetone	3.22	43	48606	30.652	ug/l	Qvalue 96

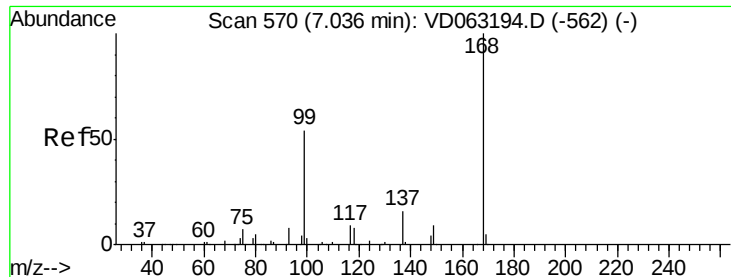
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063320.D

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Instrument :

MSVOA_D

ClientSampleId :

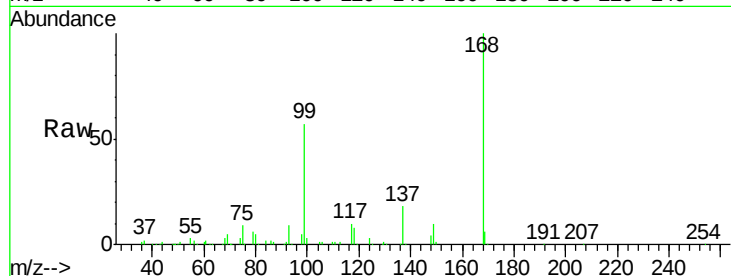
SW-3RE

Tot Ion:168 Resp: 733474

Ion Ratio Lower Upper

168 100

99 57.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

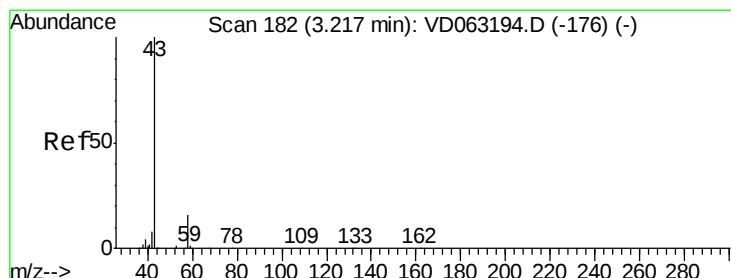
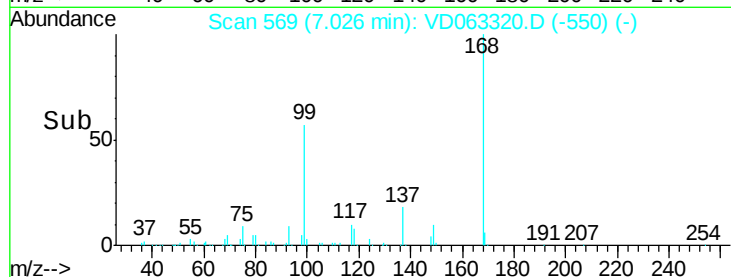
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 30.652 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063320.D

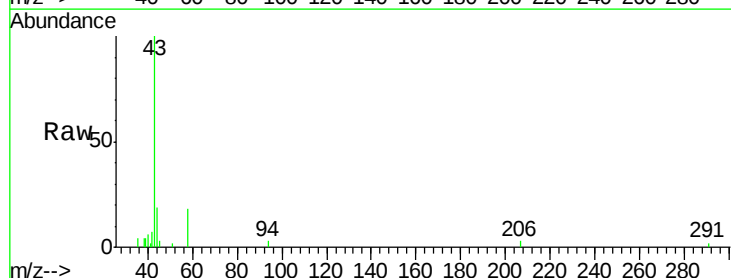
Acq: 2 Aug 2019 16:50

Tgt Ion: 43 Resp: 48606

Ion Ratio Lower Upper

43 100

58 18.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

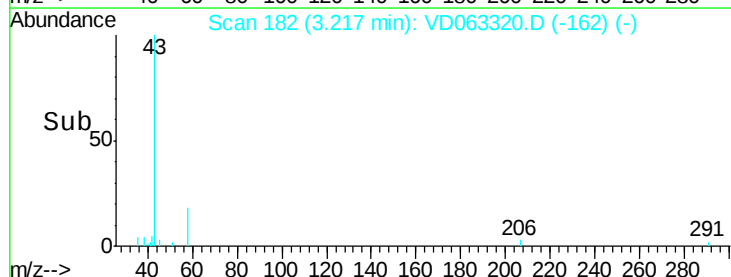
15000

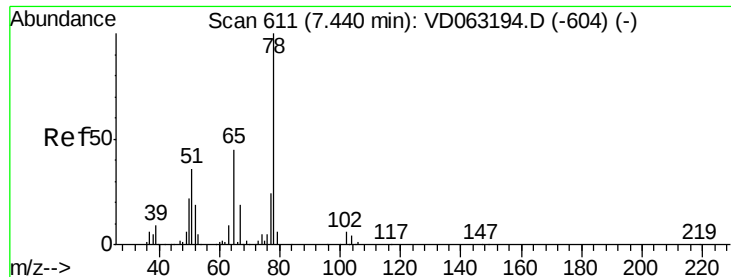
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.889 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

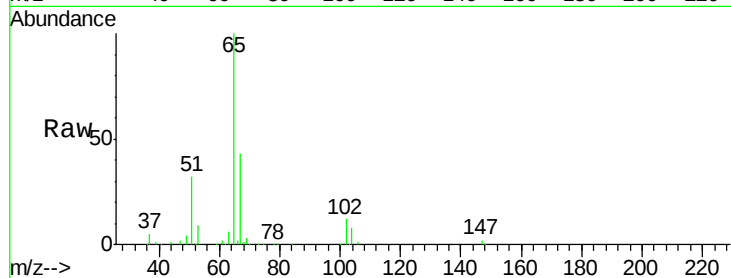
SW-3RE

Tot Ion: 65 Resp: 487411

Ion Ratio Lower Upper

65 100

67 43.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

150000

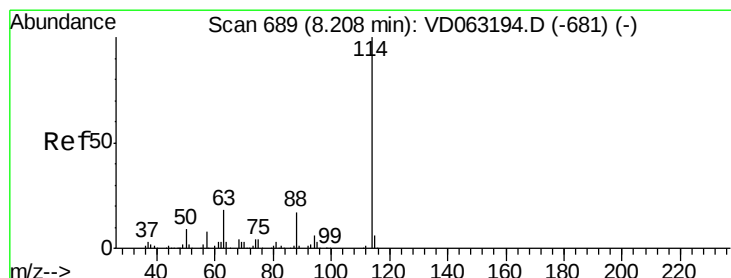
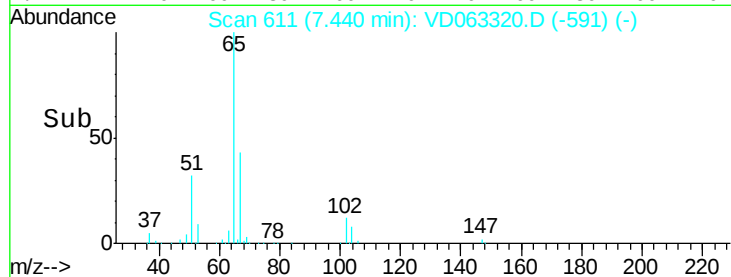
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

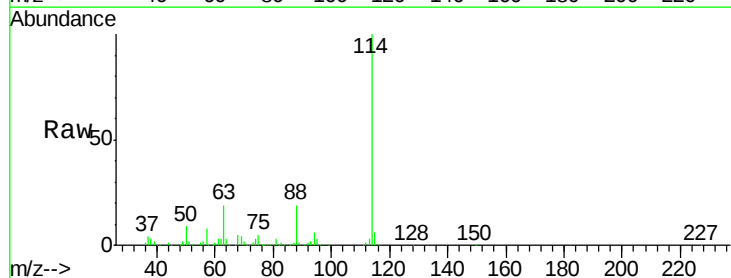
Tgt Ion:114 Resp: 1076000

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.2

88 18.9 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.20

500000

400000

300000

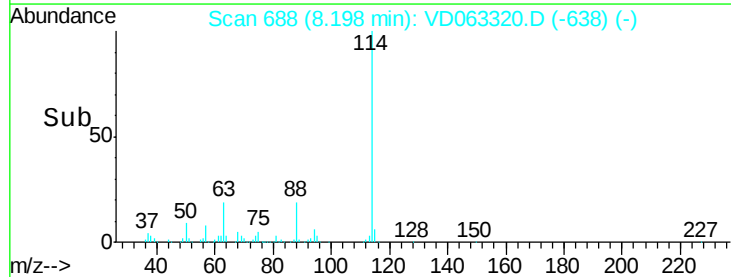
200000

100000

0

Time-->

8.00 8.20 8.40





#35

Dibromofluoromethane

Concen: 57.018 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

SW-3RE

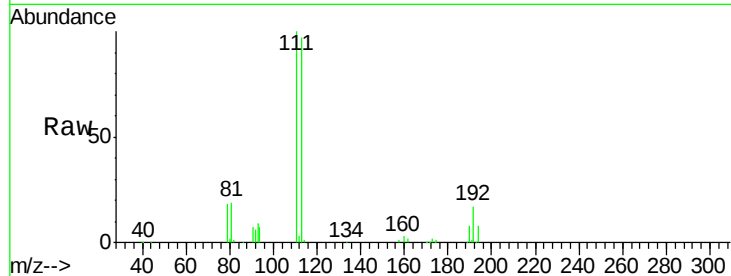
Tot Ion:113 Resp: 523813

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

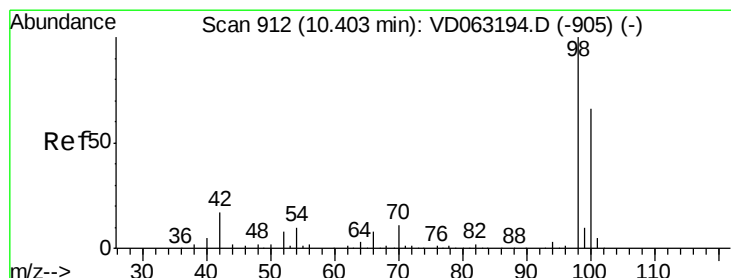
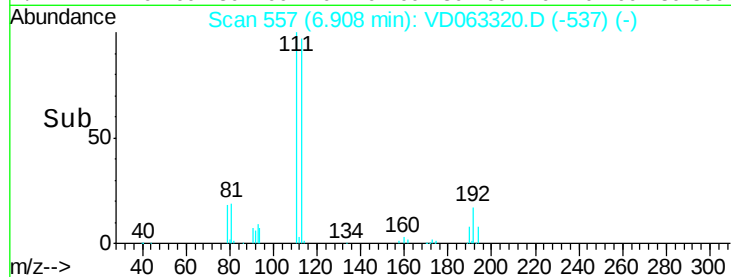
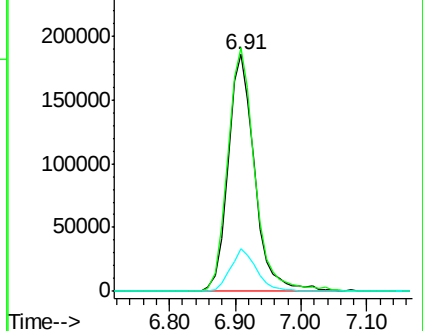
192 17.8 11.8 17.8#



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: 46.847 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063320.D

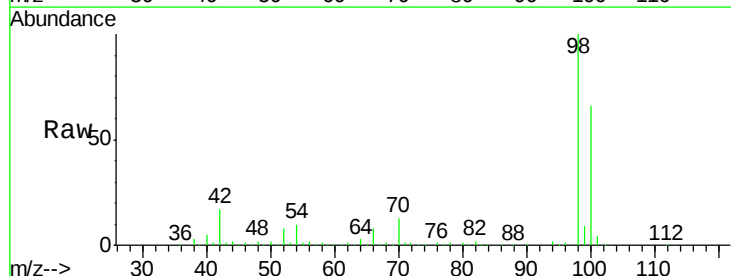
Acq: 2 Aug 2019 16:50

Tgt Ion: 98 Resp: 963161

Ion Ratio Lower Upper

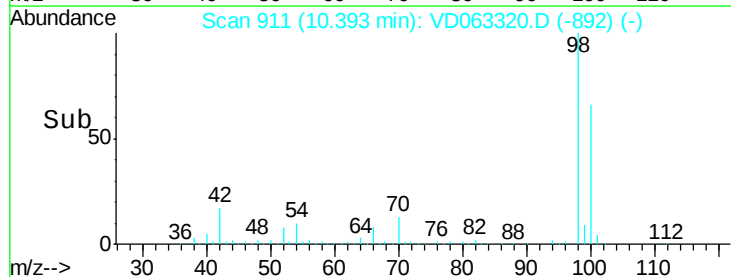
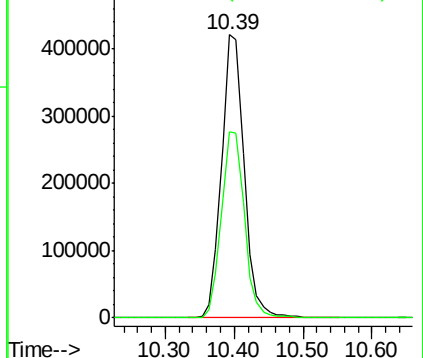
98 100

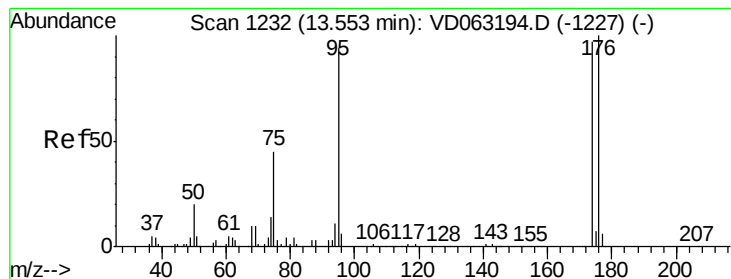
100 65.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 25.390 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

SW-3RE

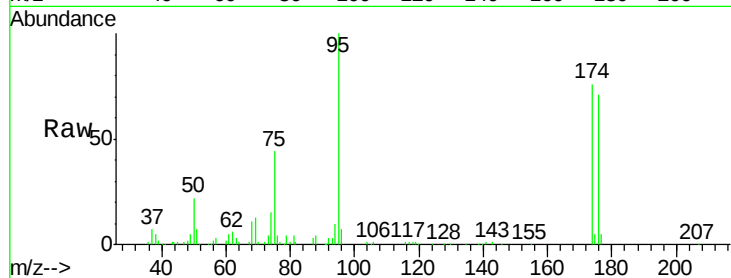
Tot Ion: 95 Resp: 237879

Ion Ratio Lower Upper

95 100

174 75.8 0.0 205.4

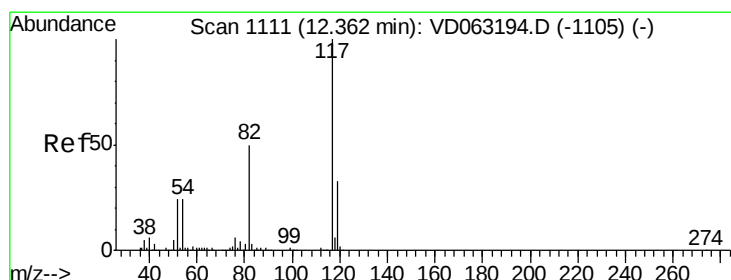
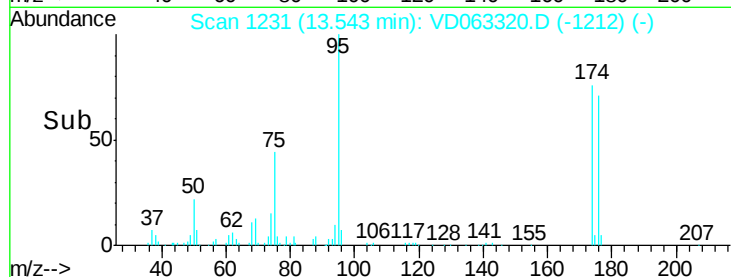
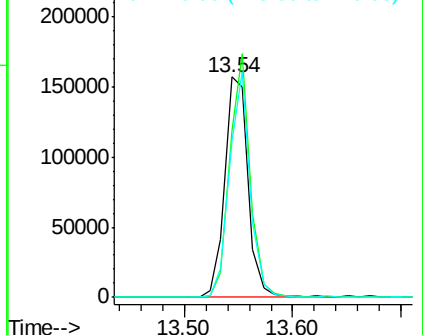
176 70.8 0.0 211.8



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# 1111

Delta R.T. 0.00 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

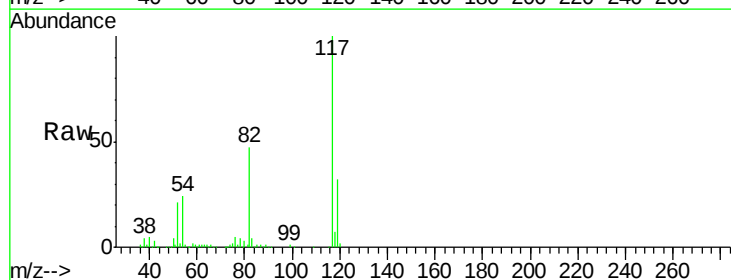
Tgt Ion: 117 Resp: 652707

Ion Ratio Lower Upper

117 100

82 47.2 40.1 60.1

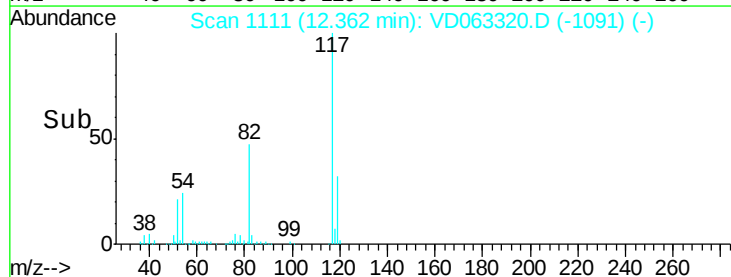
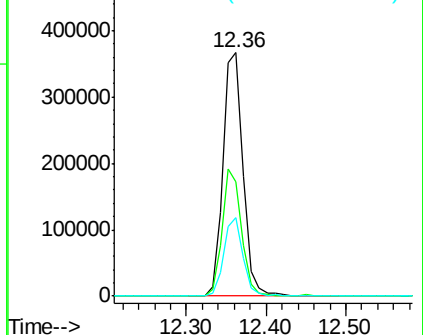
119 32.1 26.5 39.7

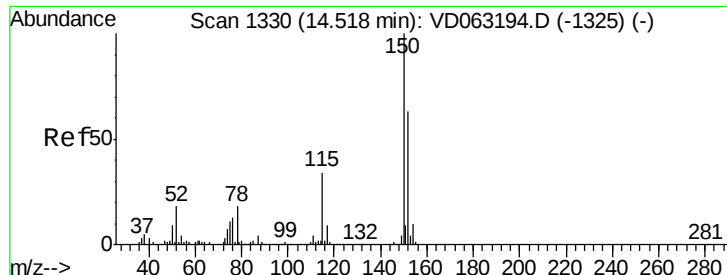


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD063320.D

Acq: 2 Aug 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

SW-3RE

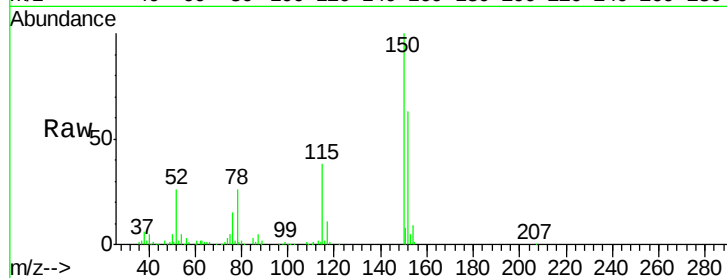
Tot Ion:152 Resp: 165245

Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.4

150 157.9 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

