

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063350.D
 Acq On : 3 Aug 2019 8:15
 Operator : VA/AP
 Sample : K4129-12
 Misc : 5.66g/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E4-(30)

Quant Time: Aug 04 05:15:37 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	7.04	168	916441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1211555	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	875742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	380792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	509183	50.07	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	6.92	113	569492	55.05	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.40	98	1047520	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
62) 4-Bromofluorobenzene	13.55	95	427196	40.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.98%	

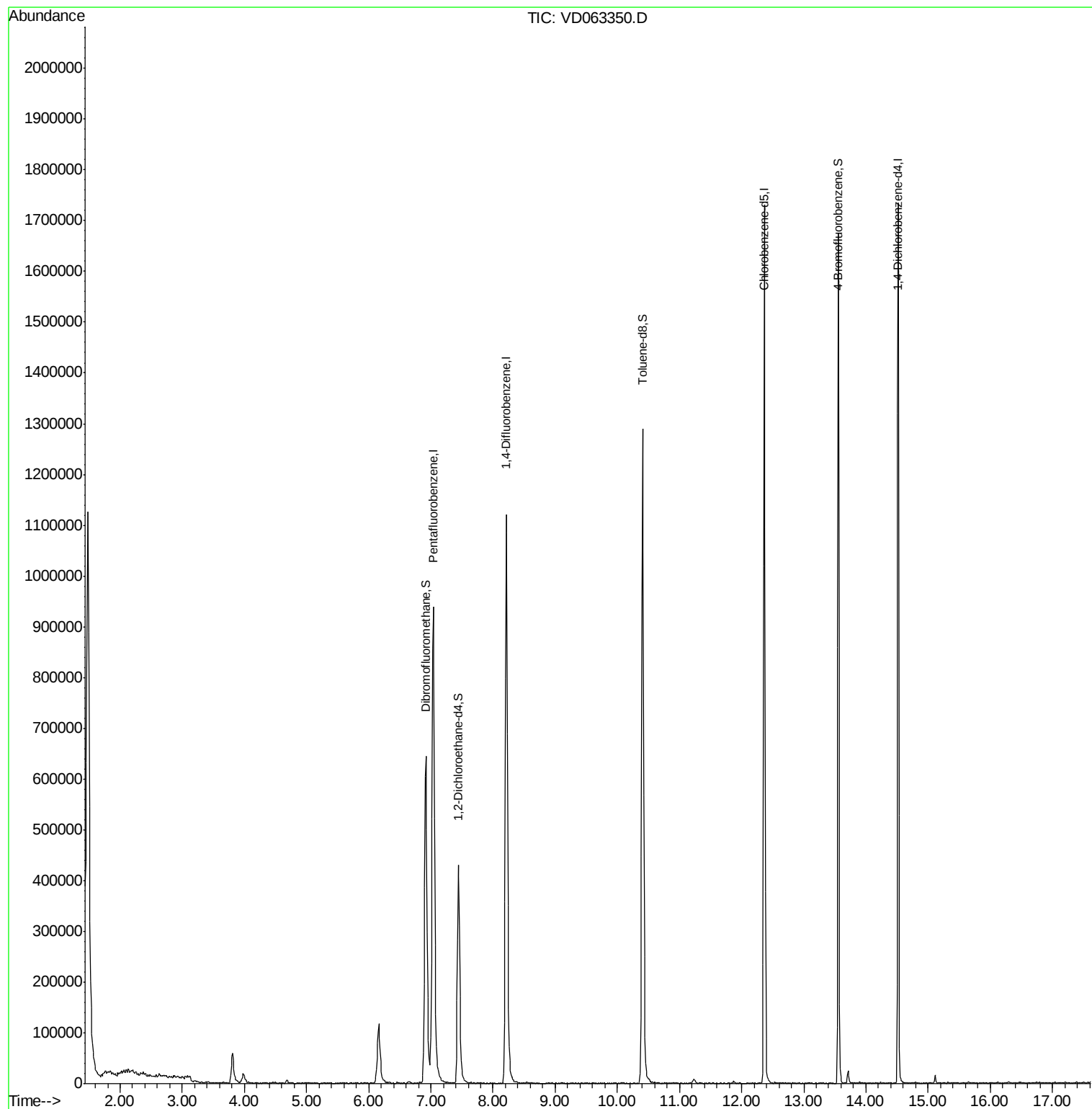
Target Compounds	Qvalue

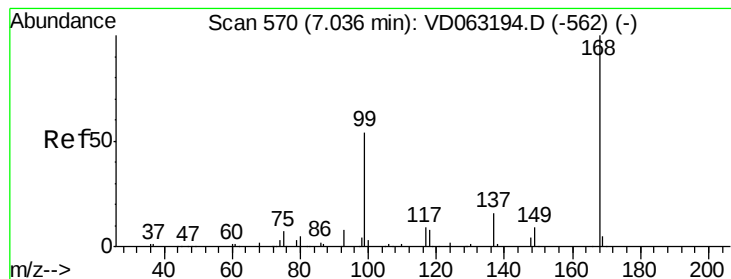
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063350.D

Acq: 3 Aug 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

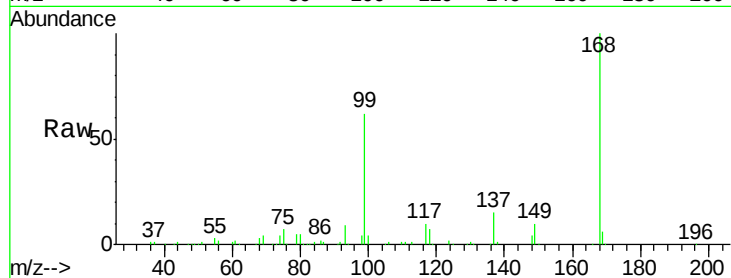
2S-E4-(30)

Tot Ion:168 Resp: 916441

Ion Ratio Lower Upper

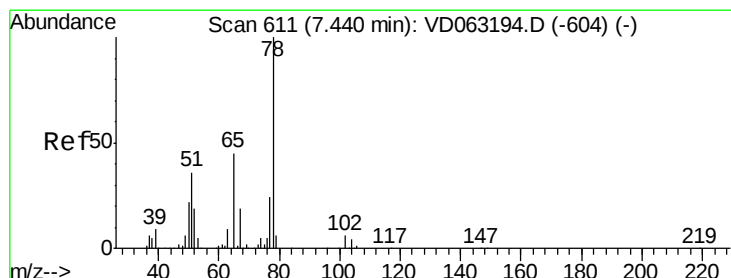
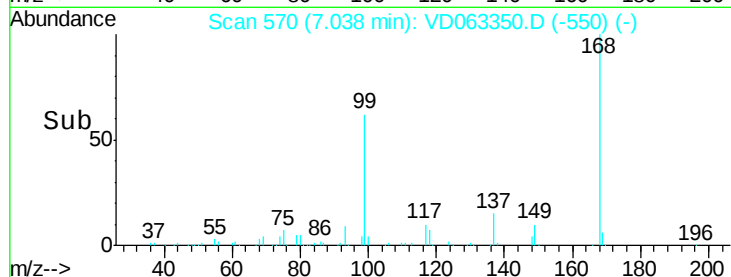
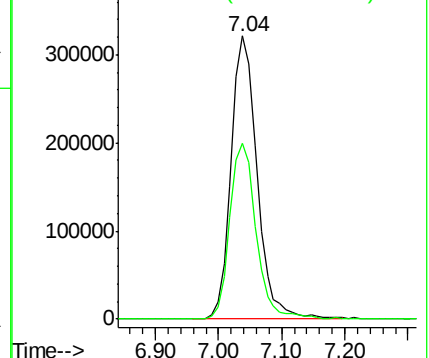
168 100

99 62.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.073 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063350.D

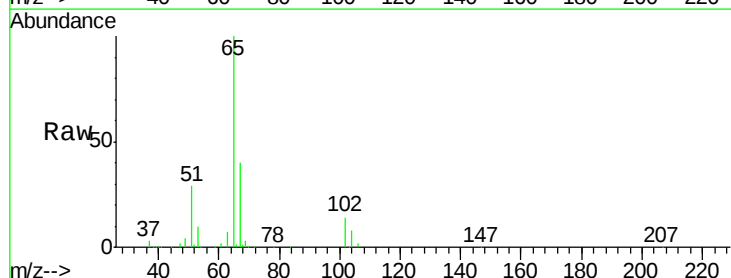
Acq: 3 Aug 2019 8:15

Tgt Ion: 65 Resp: 509183

Ion Ratio Lower Upper

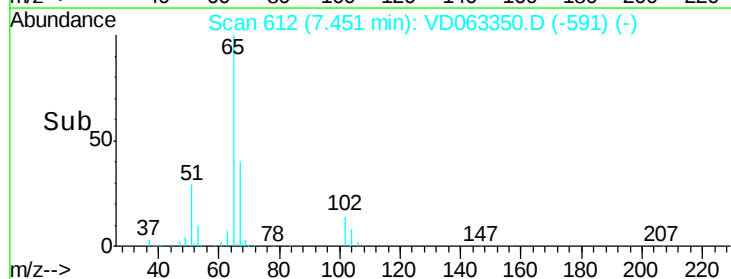
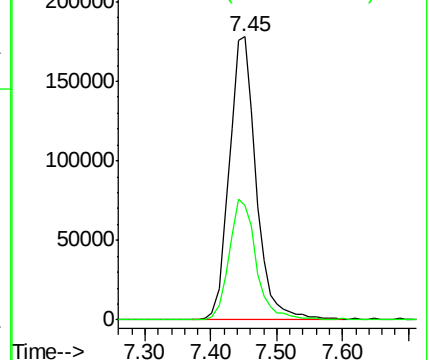
65 100

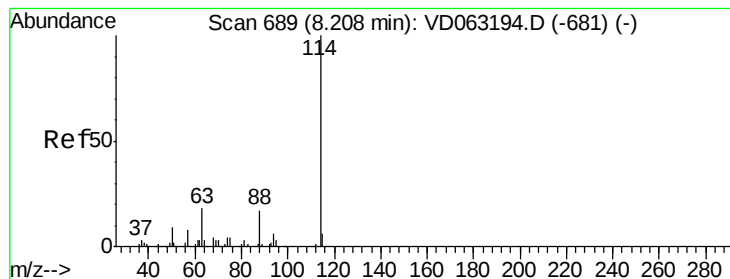
67 40.2 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063350.D

Acq: 3 Aug 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

2S-E4-(30)

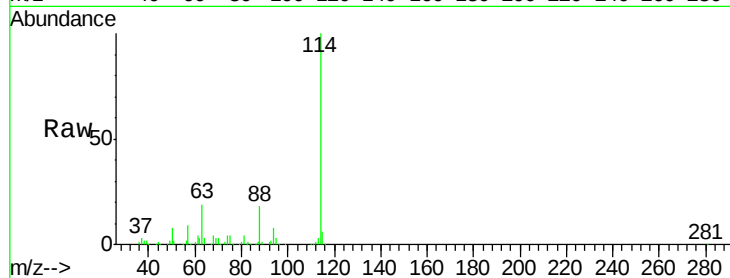
Tot Ion:114 Resp: 1211555

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.2

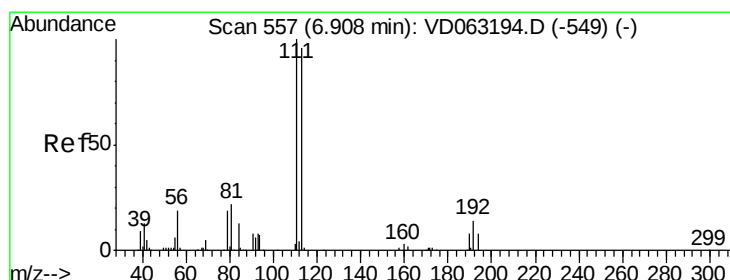
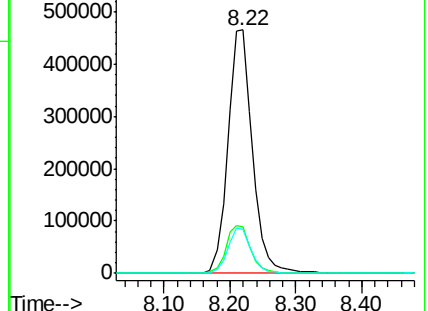
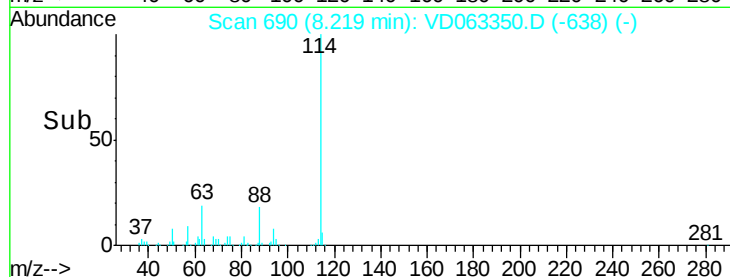
88 17.8 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 55.055 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063350.D

Acq: 3 Aug 2019 8:15

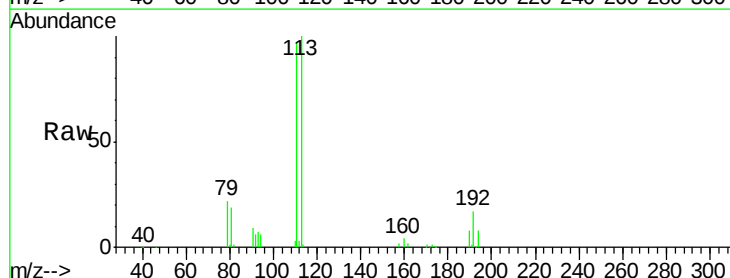
Tgt Ion:113 Resp: 569492

Ion Ratio Lower Upper

113 100

111 97.0 83.2 124.8

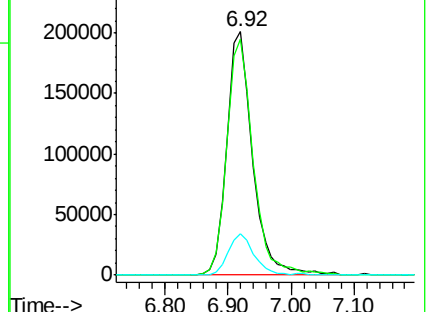
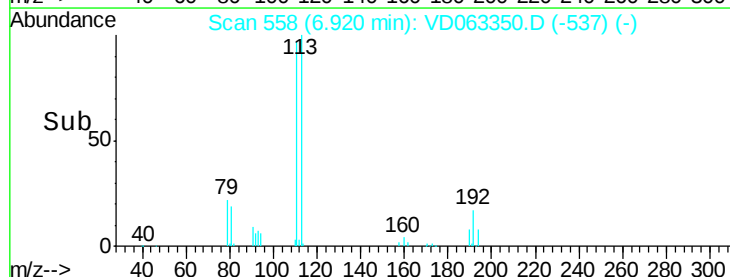
192 17.2 11.8 17.8

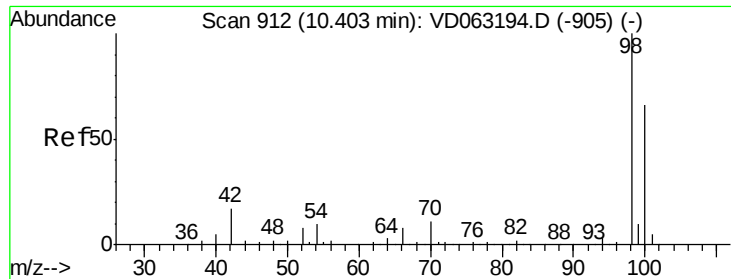


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 45.249 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063350.D

Acq: 3 Aug 2019 8:15

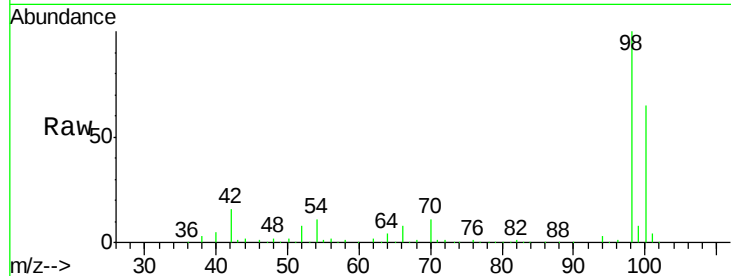
Instrument :
MSVOA_D
ClientSampleId :
2S-E4-(30)

Tot Ion: 98 Resp: 1047520

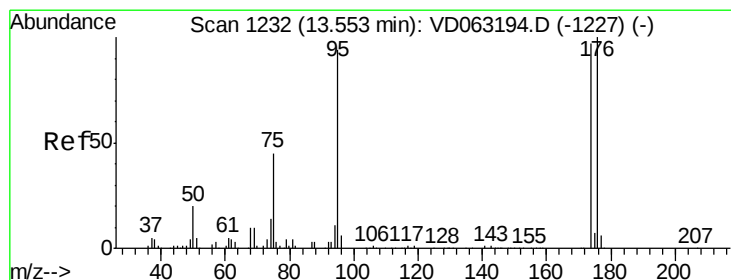
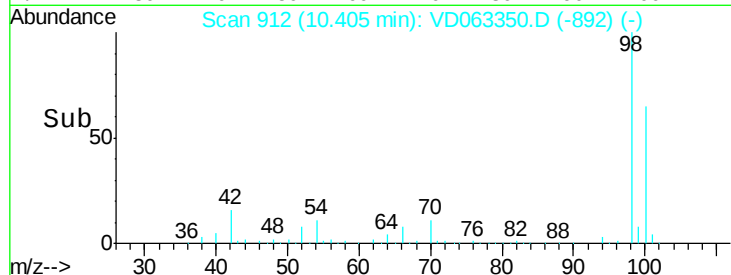
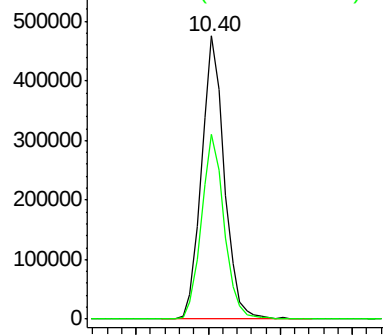
Ion Ratio Lower Upper

98 100

100 65.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 40.495 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063350.D

Acq: 3 Aug 2019 8:15

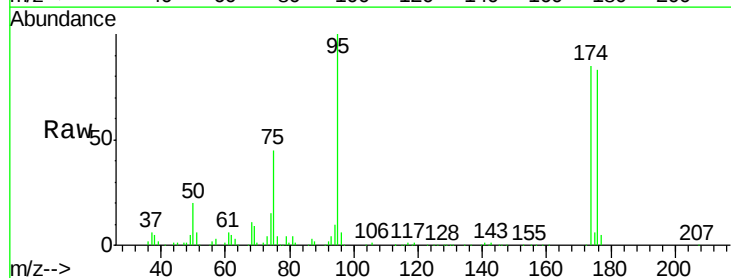
Tgt Ion: 95 Resp: 427196

Ion Ratio Lower Upper

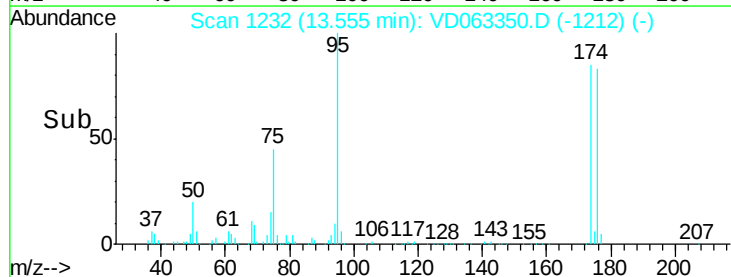
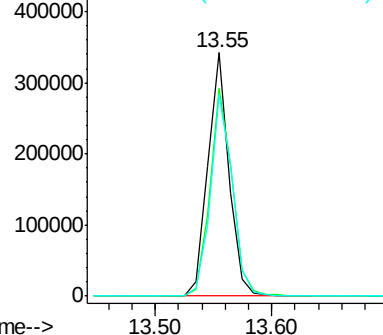
95 100

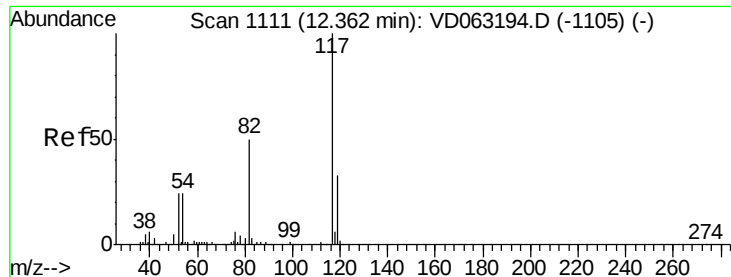
174 85.4 0.0 205.4

176 82.7 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

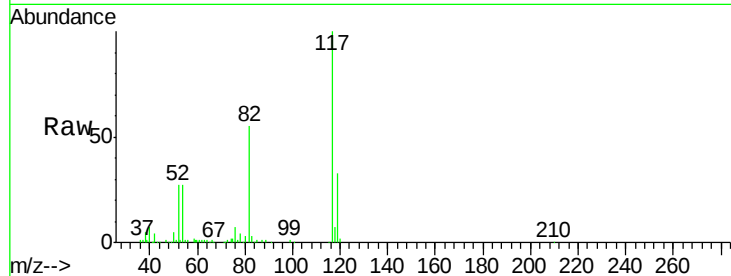




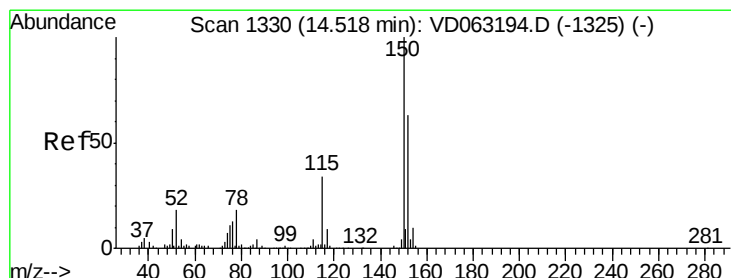
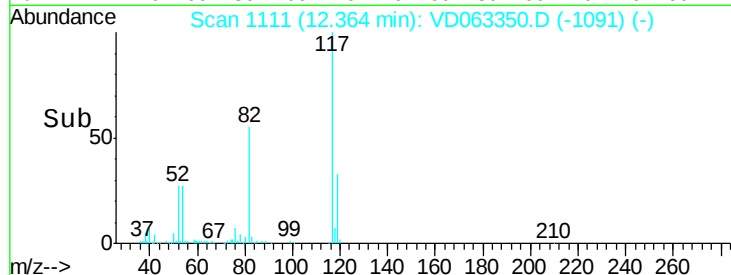
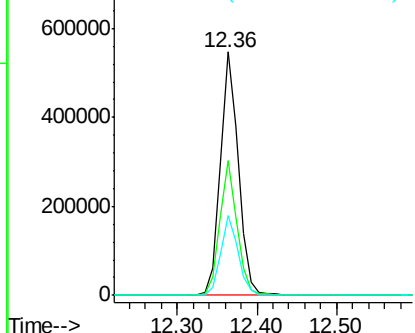
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063350.D
Acq: 3 Aug 2019 8:15

Instrument :
MSVOA_D
ClientSampleId :
2S-E4-(30)

Tot Ion:117 Resp: 875742
Ion Ratio Lower Upper
117 100
82 55.2 40.1 60.1
119 32.6 26.5 39.7

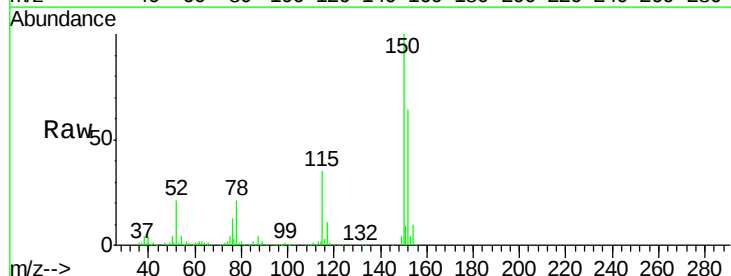


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063350.D
Acq: 3 Aug 2019 8:15

Tgt Ion:152 Resp: 380792
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 155.3 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

