

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063339.D
 Acq On : 3 Aug 2019 3:17
 Operator : VA/AP
 Sample : K4130-18
 Misc : 5.90µl/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Aug 04 05:02:11 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

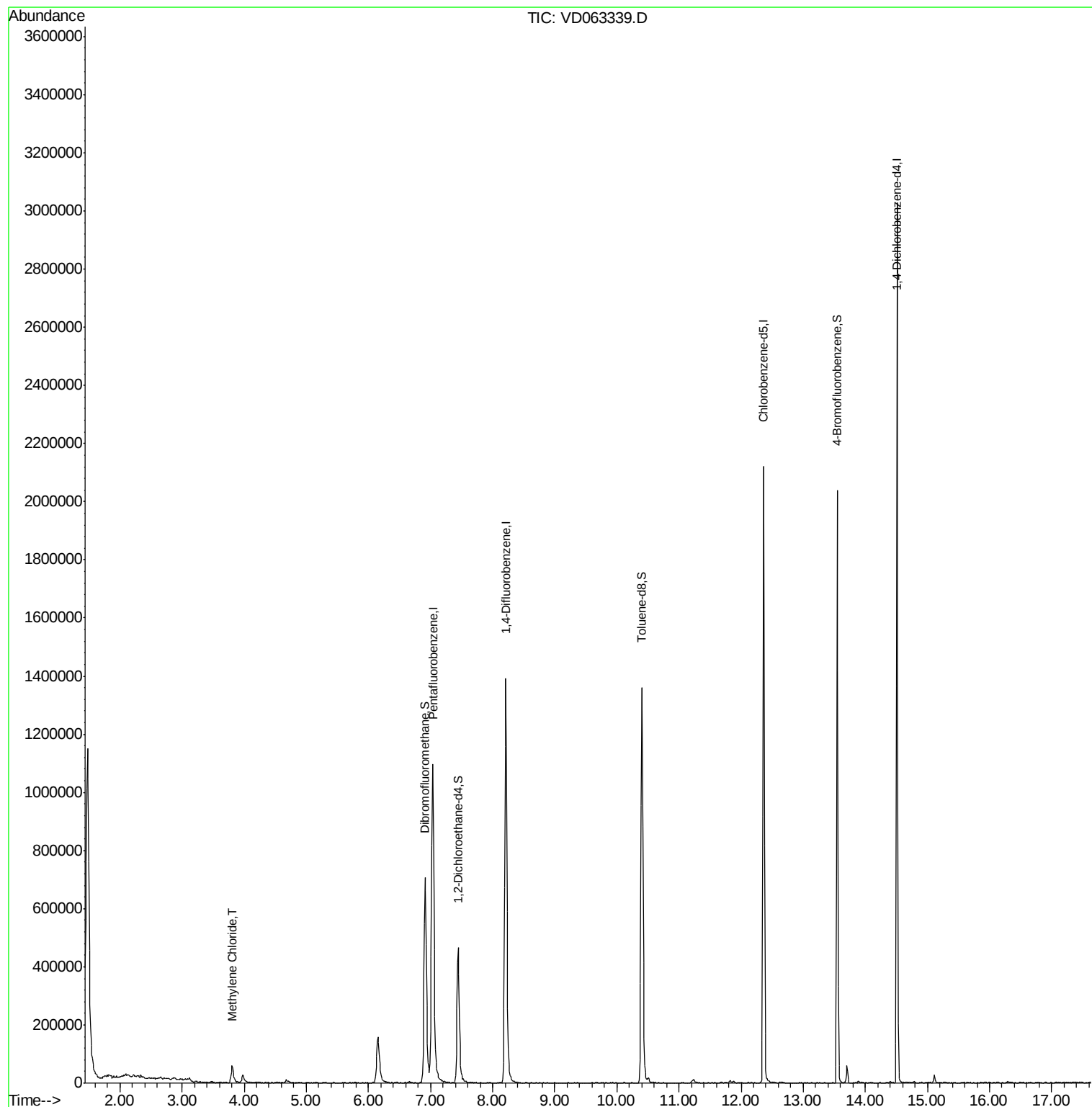
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1105655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1477658	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1233143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	609192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	545752	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
35) Dibromofluoromethane	6.91	113	621677	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.40	98	1202351	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	
62) 4-Bromofluorobenzene	13.55	95	539663	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
Target Compounds						
20) Methylene Chloride	3.81	84	32177	3.330	ug/l	Qvalue 88

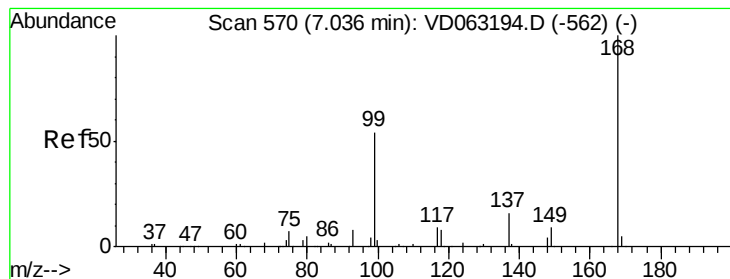
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

Instrument :

MSVOA_D

ClientSampleId :

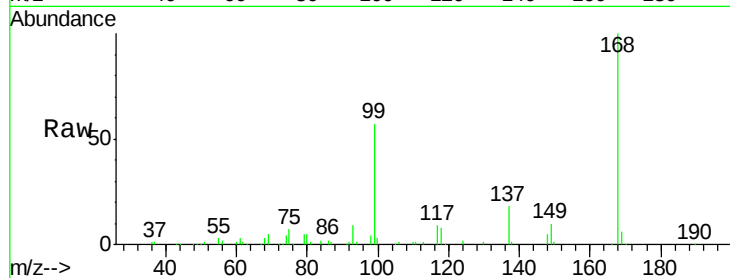
1S-M-(0-1)

Tot Ion:168 Resp: 1105655

Ion Ratio Lower Upper

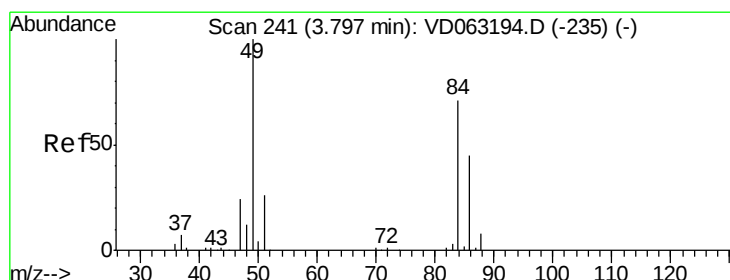
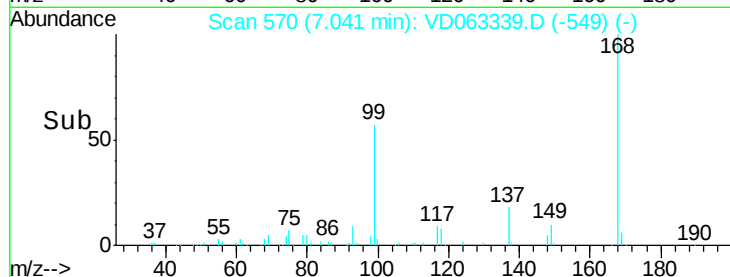
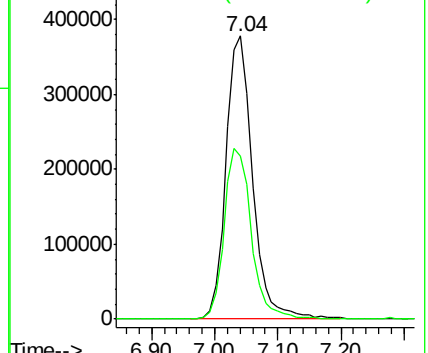
168 100

99 57.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.330 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

Tgt Ion: 84 Resp: 32177

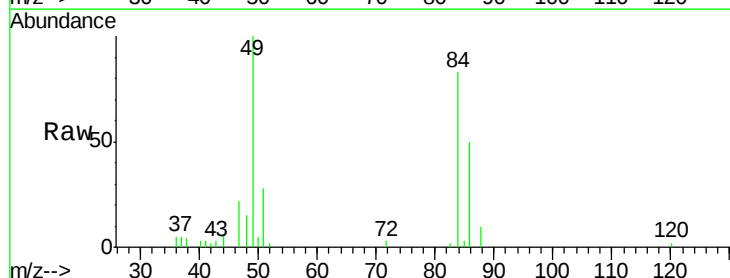
Ion Ratio Lower Upper

84 100

49 120.0 112.5 168.7

51 33.4 29.6 44.4

86 59.9 50.4 75.6

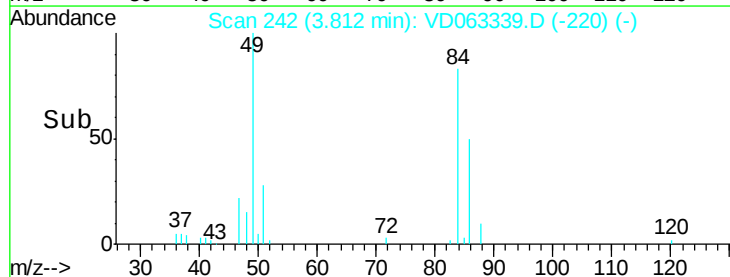
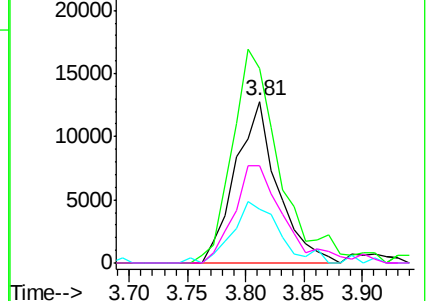


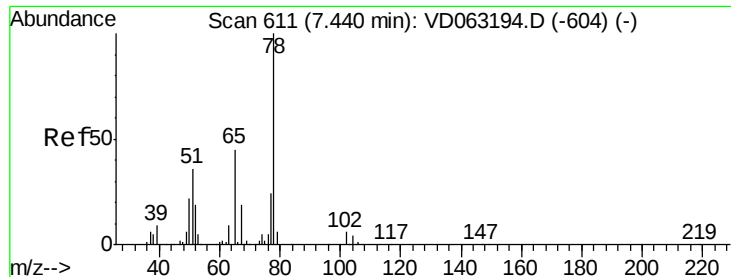
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 44.485 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

Instrument :

MSVOA_D

ClientSampleId :

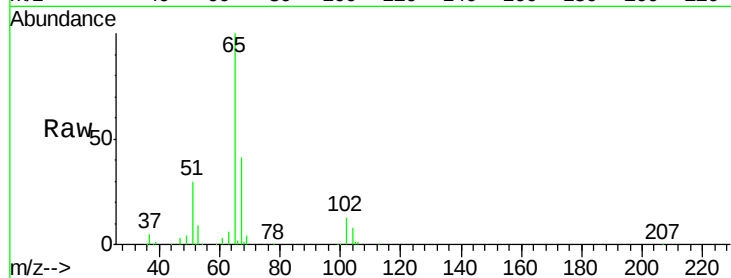
1S-M-(0-1)

Tot Ion: 65 Resp: 545752

Ion Ratio Lower Upper

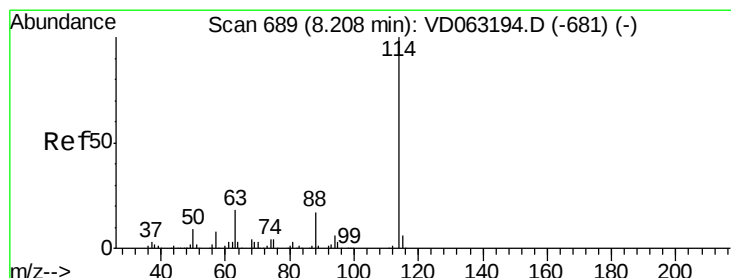
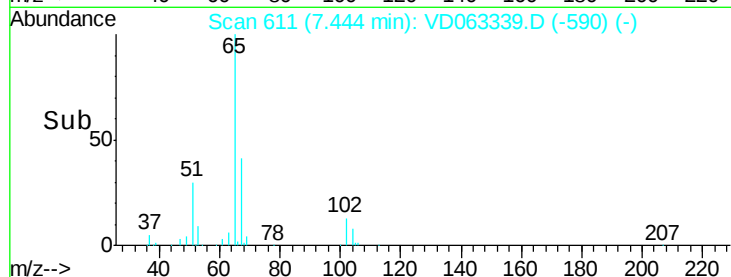
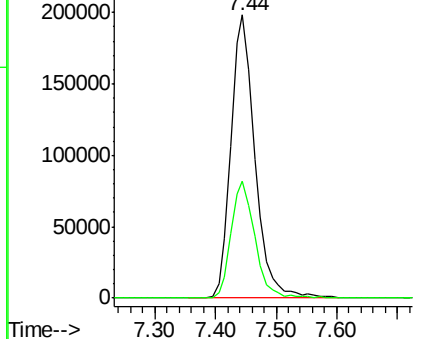
65 100

67 41.3 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: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

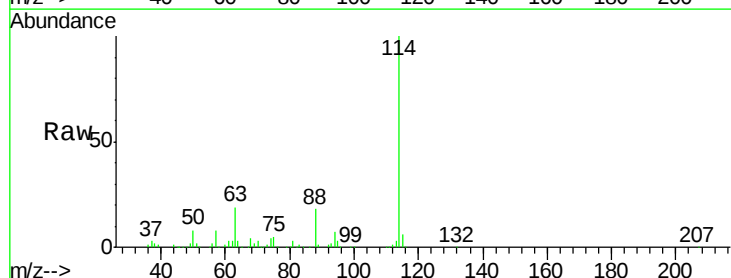
Tgt Ion: 114 Resp: 1477658

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.2

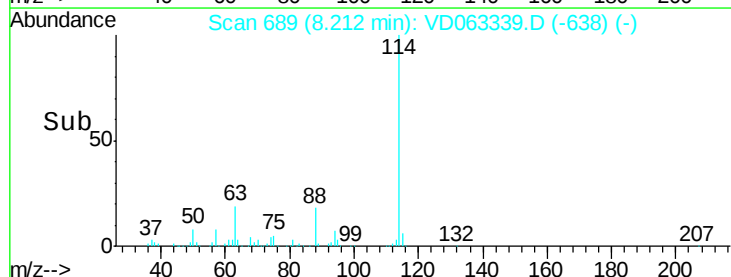
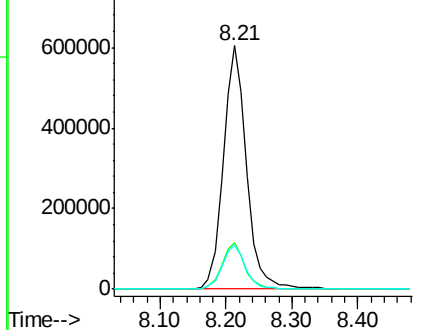
88 18.1 0.0 34.6

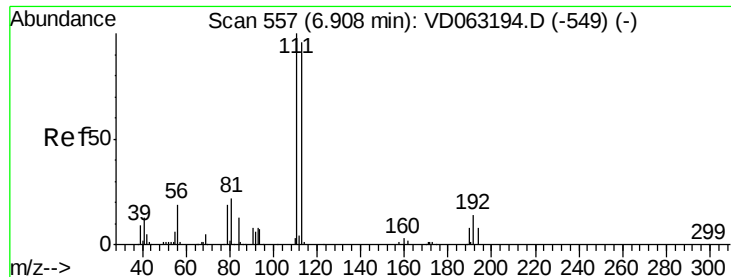


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.277 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

Instrument :

MSVOA_D

ClientSampleId :

1S-M-(0-1)

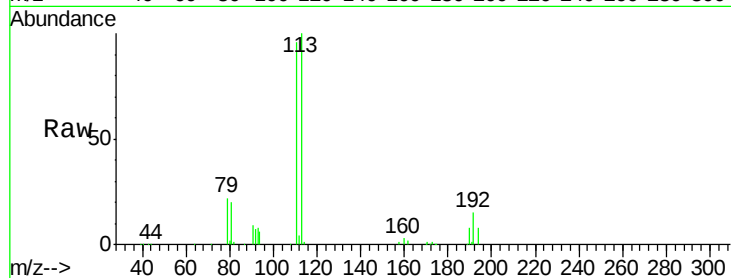
Tot Ion:113 Resp: 621677

Ion Ratio Lower Upper

113 100

111 96.4 83.2 124.8

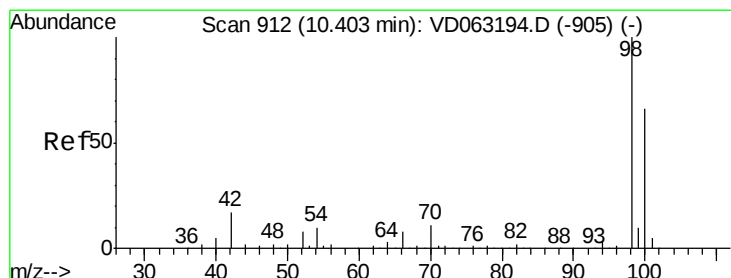
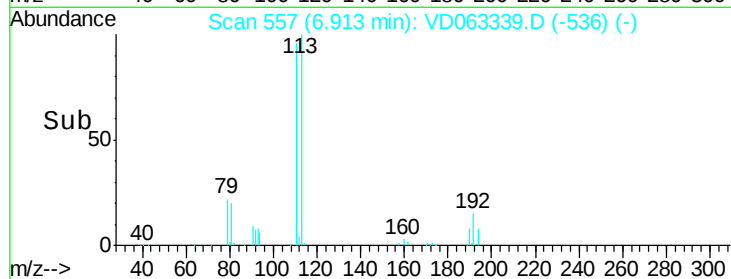
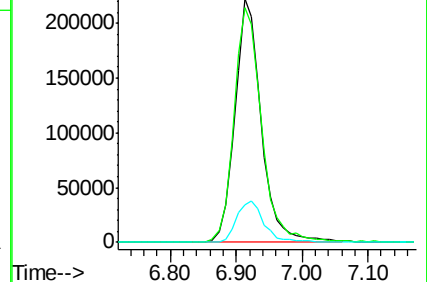
192 15.2 11.8 17.8



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: 42.584 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063339.D

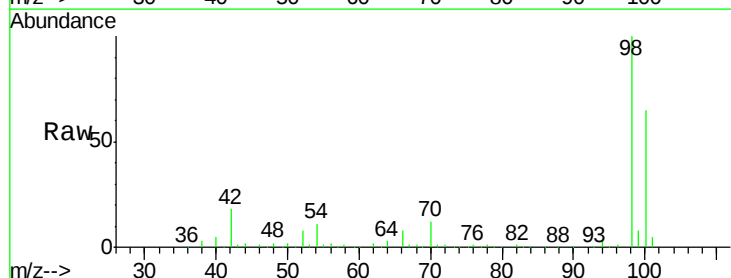
Acq: 3 Aug 2019 3:17

Tgt Ion: 98 Resp: 1202351

Ion Ratio Lower Upper

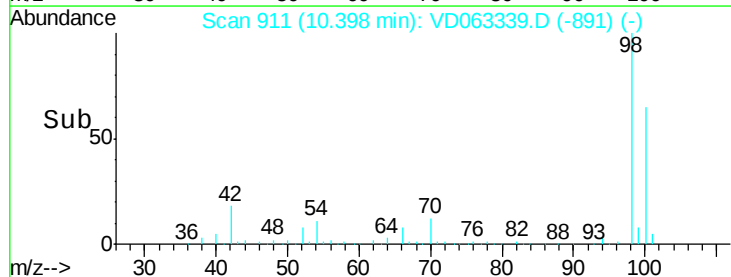
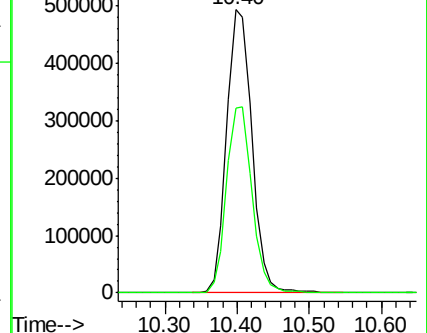
98 100

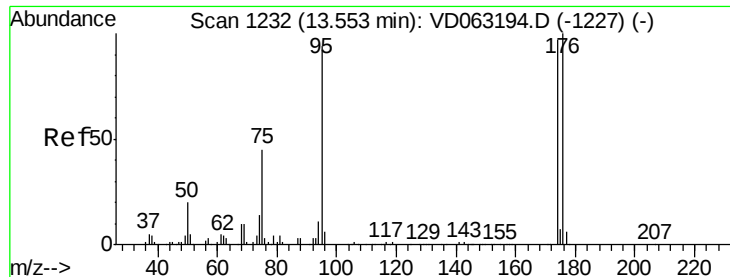
100 65.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

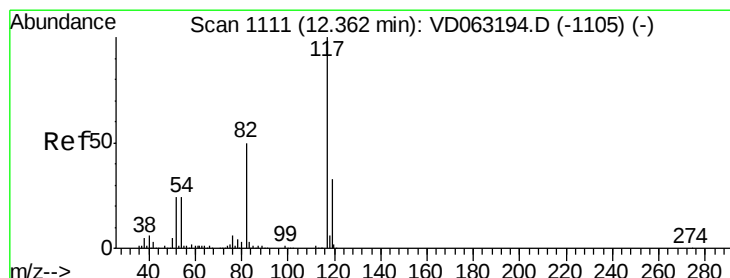
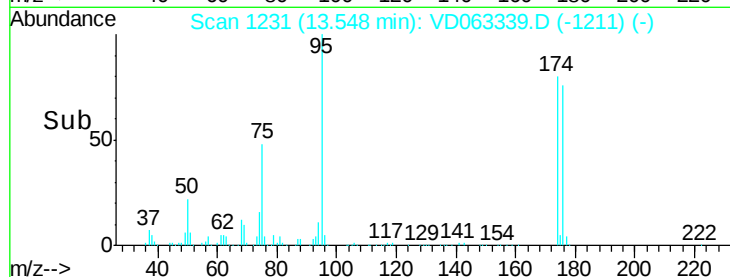
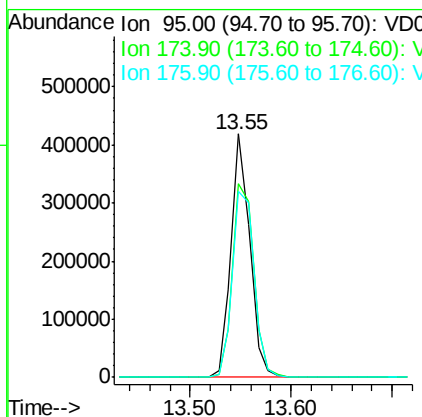
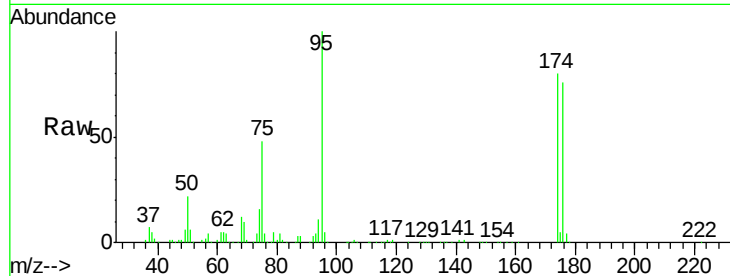




#62
4-Bromofluorobenzene
Concen: 41.944 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063339.D
Acq: 3 Aug 2019 3:17

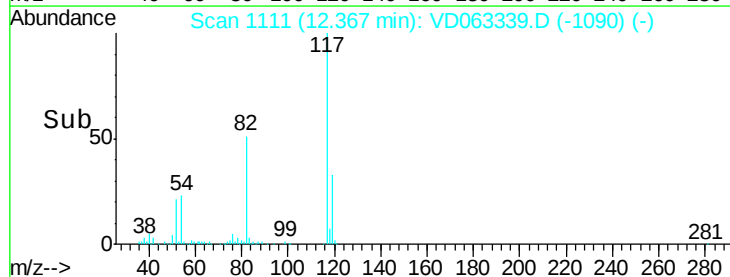
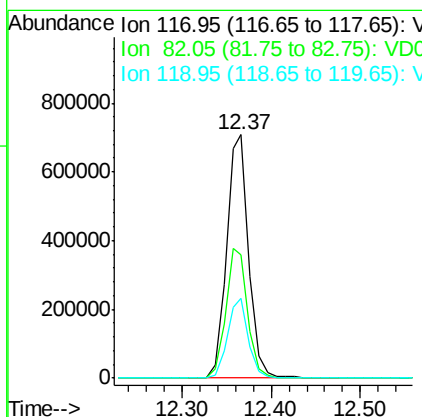
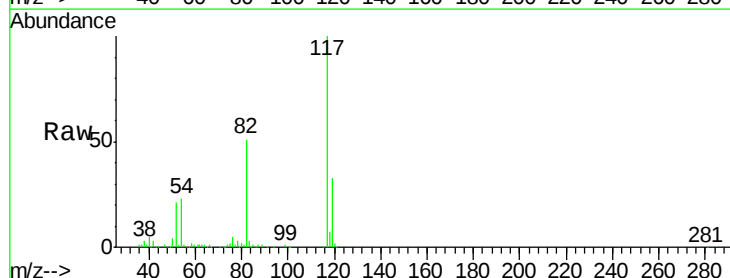
Instrument :
MSVOA_D
ClientSampled :
1S-M-(0-1)

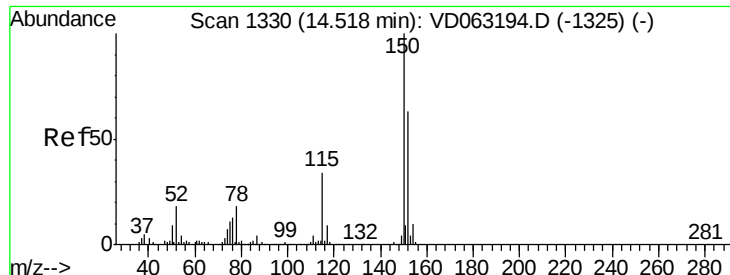
Tot Ion: 95 Resp: 539663
Ion Ratio Lower Upper
95 100
174 79.6 0.0 205.4
176 76.2 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063339.D
Acq: 3 Aug 2019 3:17

Tgt Ion: 117 Resp: 1233143
Ion Ratio Lower Upper
117 100
82 50.8 40.1 60.1
119 32.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063339.D

Acq: 3 Aug 2019 3:17

Instrument :

MSVOA_D

ClientSampleId :

1S-M-(0-1)

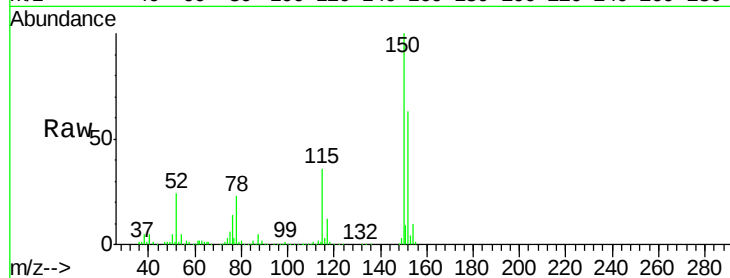
Tot Ion:152 Resp: 609192

Ion Ratio Lower Upper

152 100

115 57.9 27.5 82.4

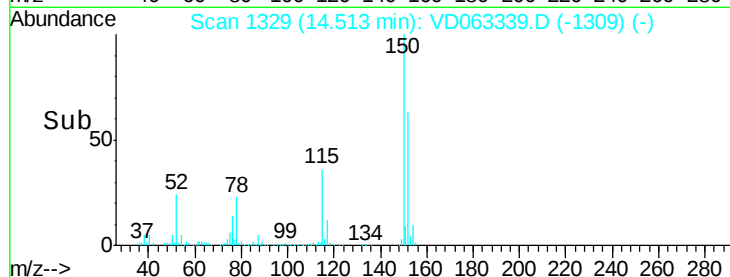
150 159.4 0.0 320.6



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



Time-->

