

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063235.D
 Acq On : 30 Jul 2019 12:16
 Operator : VA/AP
 Sample : K3621-07
 Misc : 7.57g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-072919

Quant Time: Jul 31 05:48:50 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	848481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1218319	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	889087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	346674	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	376108	39.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.90%	
35) Dibromofluoromethane	6.92	113	458019	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	10.40	98	898240	38.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.18%	
62) 4-Bromofluorobenzene	13.55	95	327424	30.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.72%	

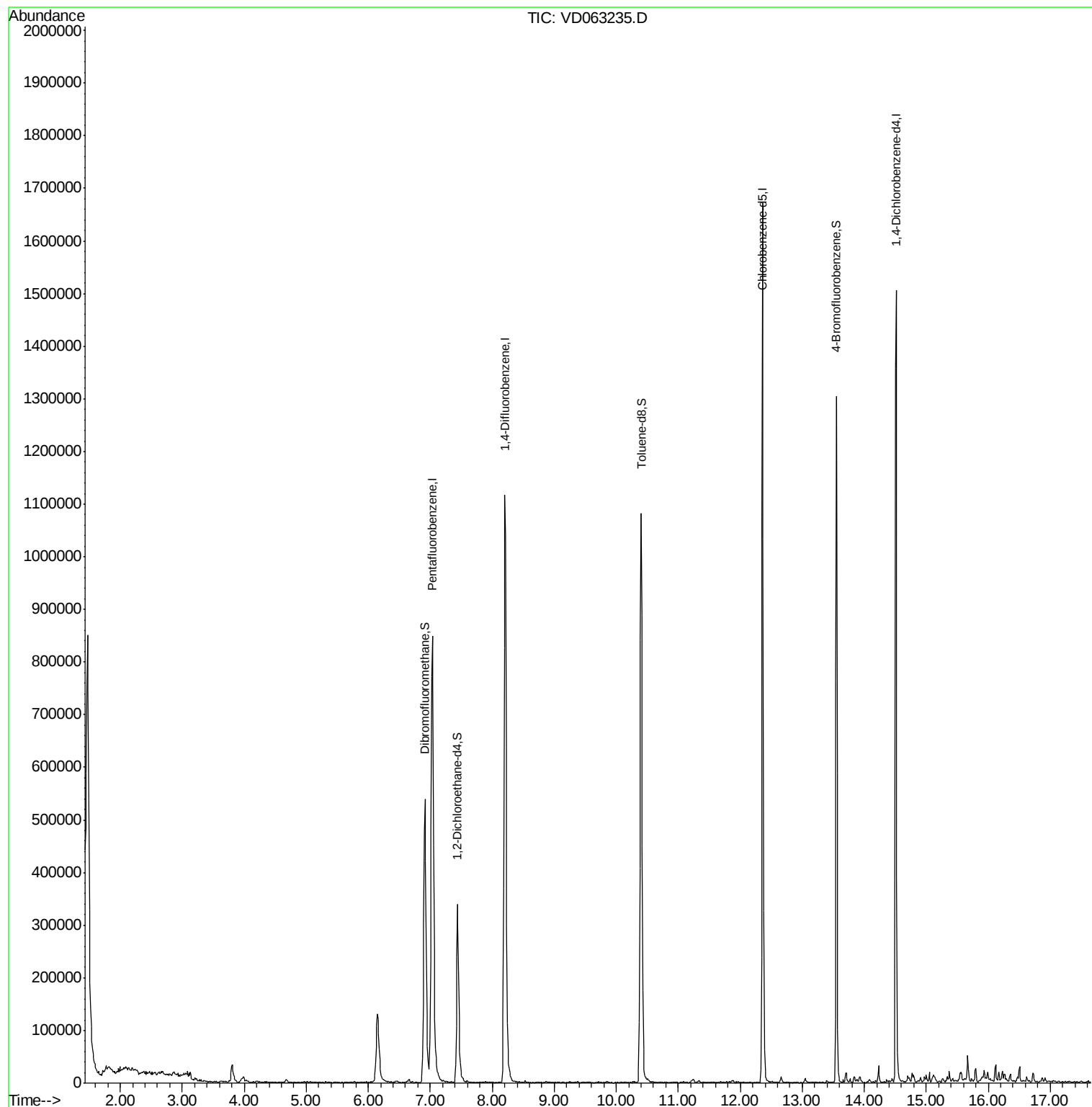
Target Compounds	Qvalue
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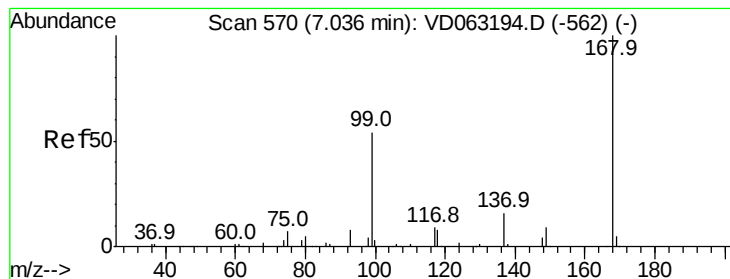
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

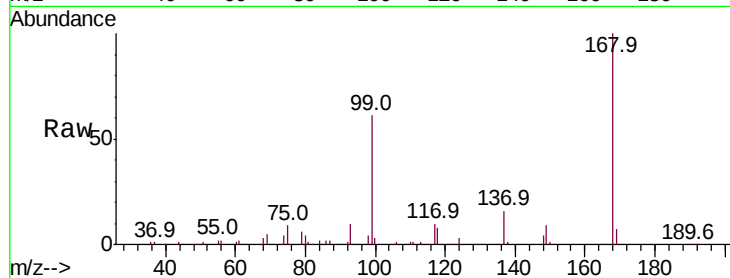
OK-01-072919

Tot Ion:168 Resp: 848481

Ion Ratio Lower Upper

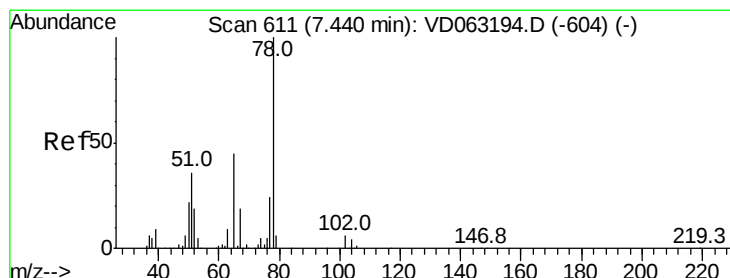
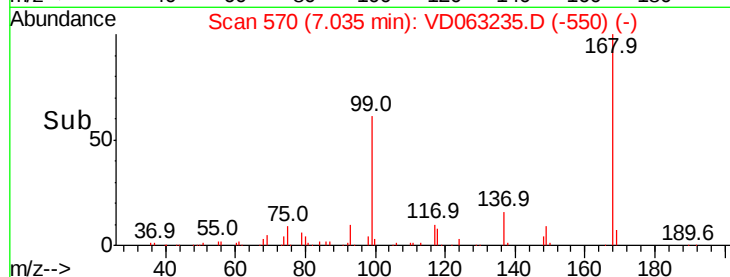
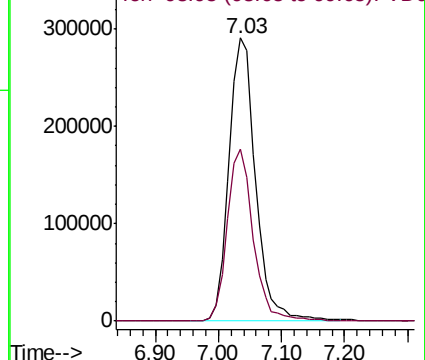
168 100

99 60.7 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: 39.949 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063235.D

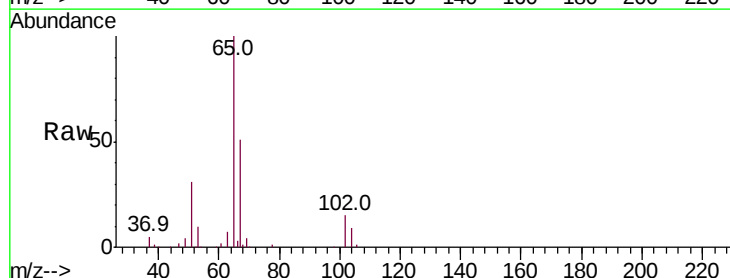
Acq: 30 Jul 2019 12:16

Tgt Ion: 65 Resp: 376108

Ion Ratio Lower Upper

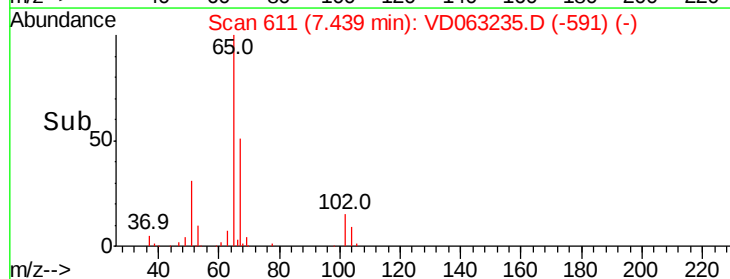
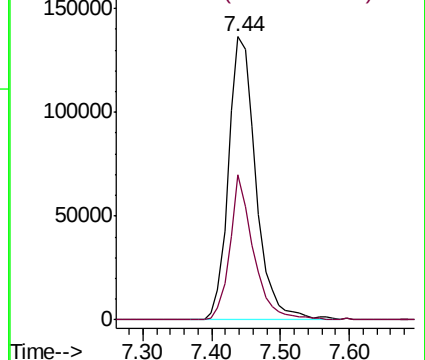
65 100

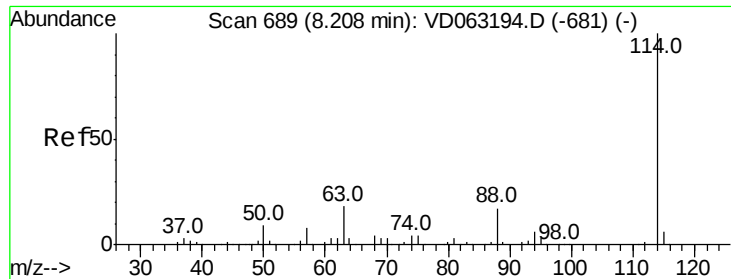
67 51.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

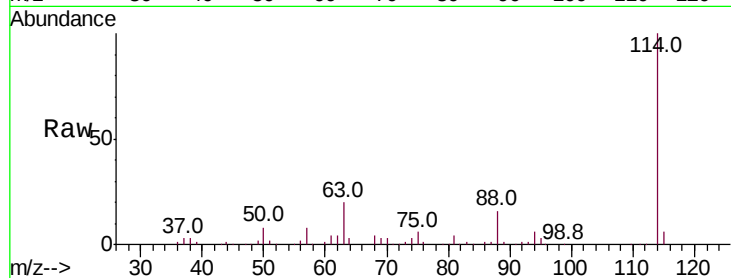




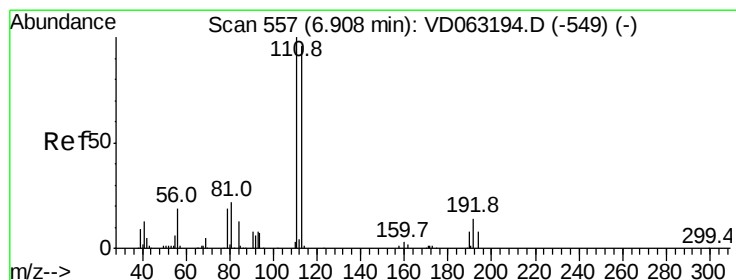
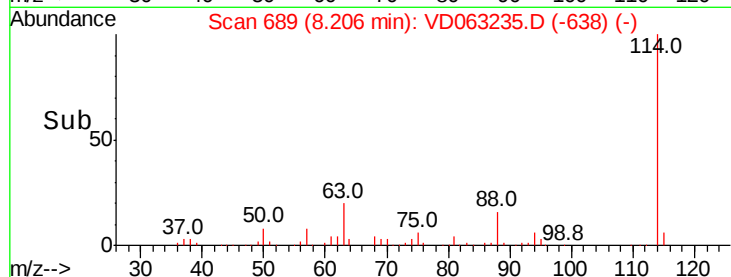
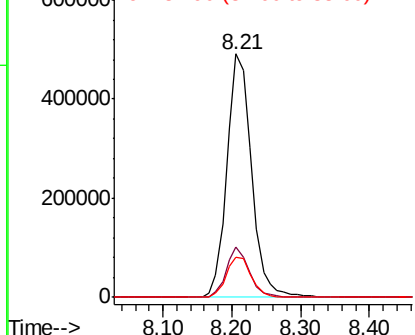
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-072919

Tot Ion:114 Resp: 1218319
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.2
 88 16.4 0.0 34.6

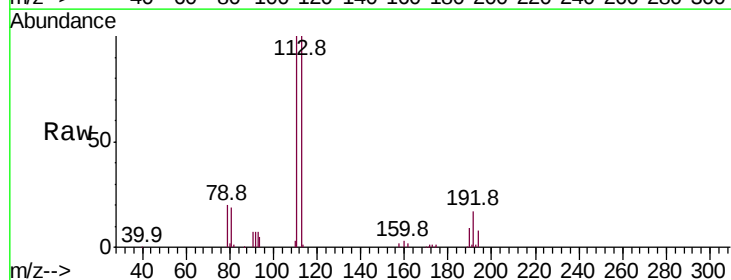


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

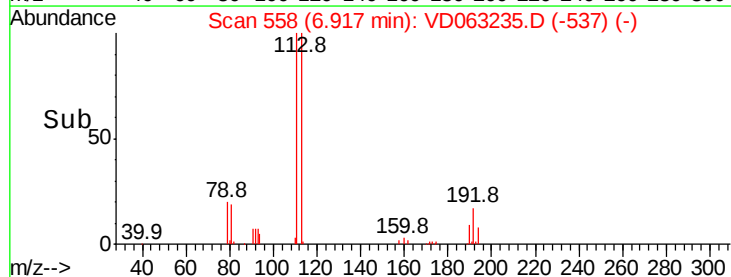
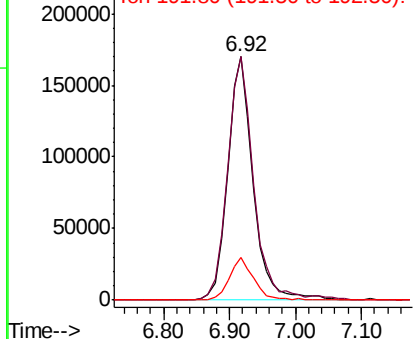


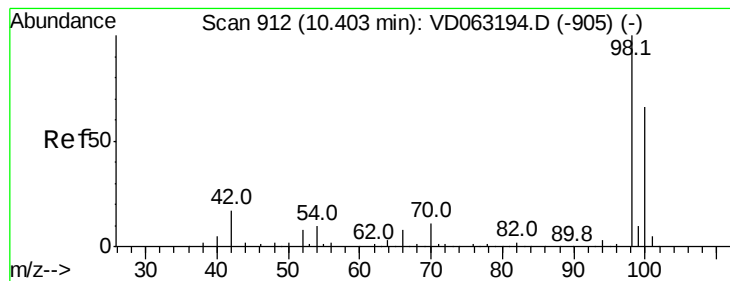
#35
 Dibromofluoromethane
 Concen: 44.032 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

Tgt Ion:113 Resp: 458019
 Ion Ratio Lower Upper
 113 100
 111 100.0 83.2 124.8
 192 17.4 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: 38.585 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

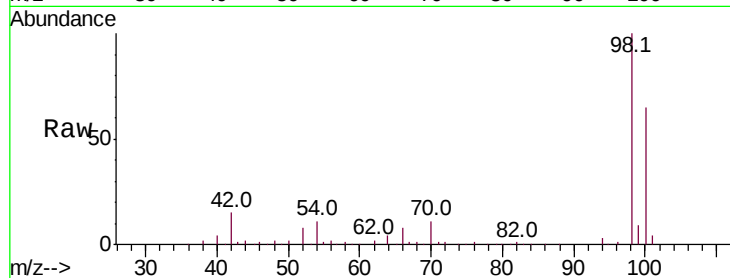
OK-01-072919

Tot Ion: 98 Resp: 898240

Ion Ratio Lower Upper

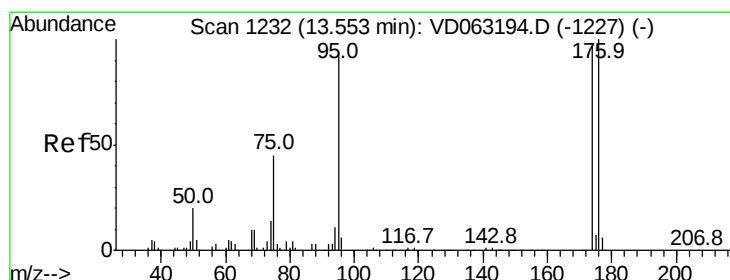
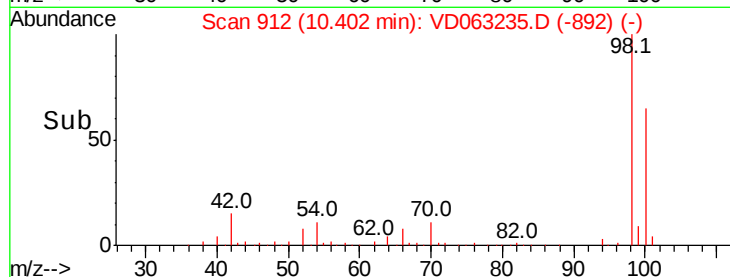
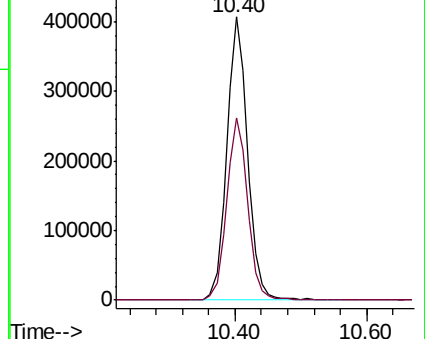
98 100

100 64.6 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: 30.865 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

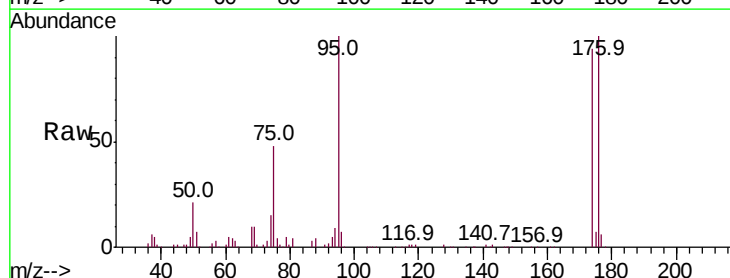
Tgt Ion: 95 Resp: 327424

Ion Ratio Lower Upper

95 100

174 93.8 0.0 205.4

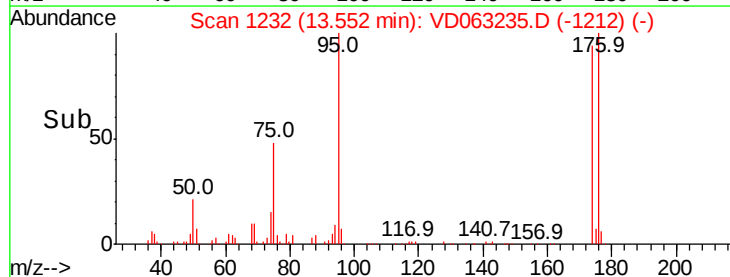
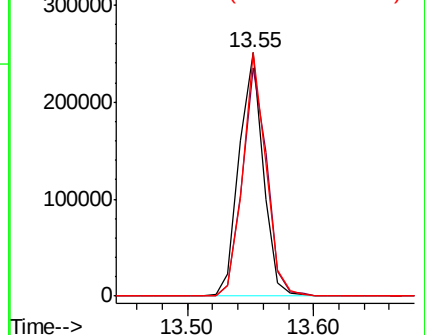
176 100.1 0.0 211.8

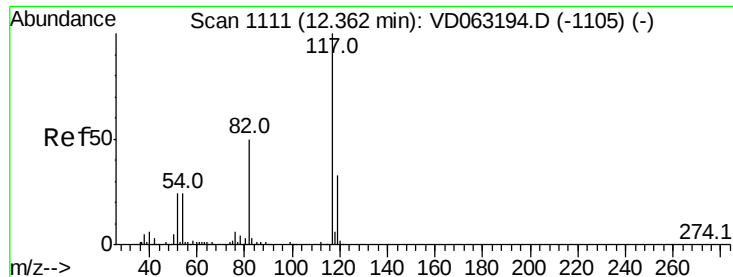


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

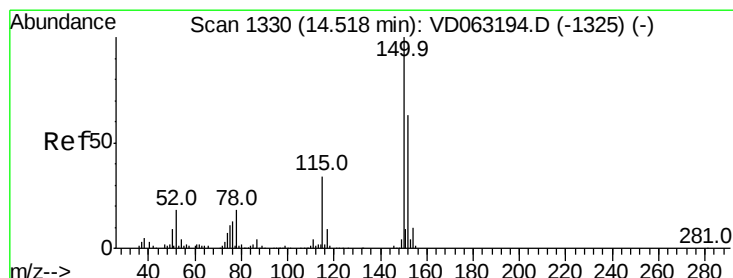
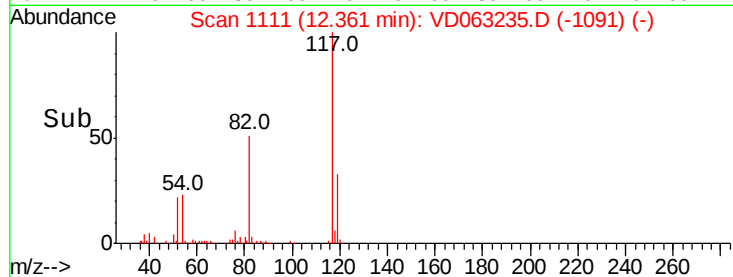
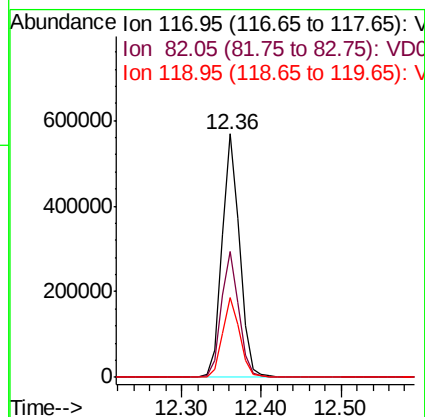
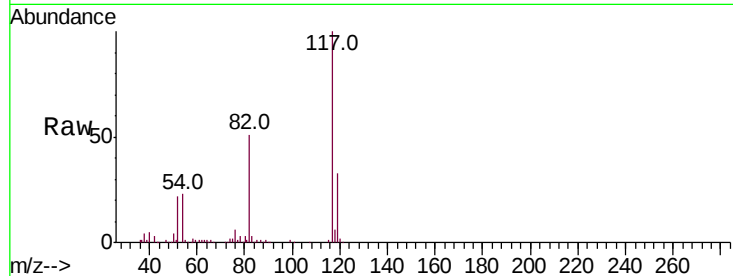




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-072919

Tot Ion:117 Resp: 889087
Ion Ratio Lower Upper
117 100
82 51.5 40.1 60.1
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Tgt Ion:152 Resp: 346674
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 156.8 0.0 320.6

