

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061447.D
 Acq On : 31 Mar 2019 15:23
 Operator : VA/AP
 Sample : K1697-13
 Misc : 5.87g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032719-A

Quant Time: Apr 01 04:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

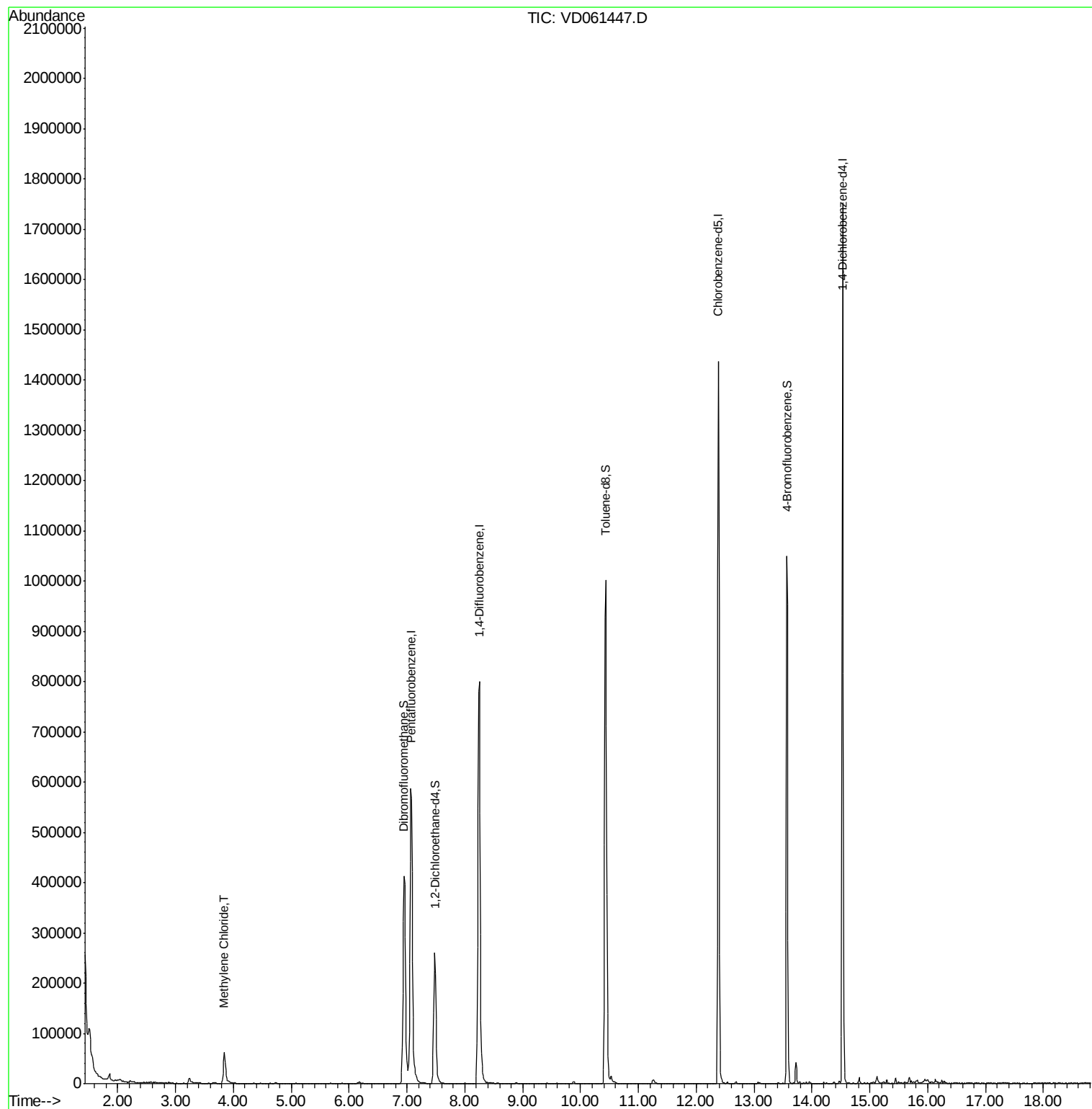
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	632203	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.25	114	1055773	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	896336	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	403254	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	253850	47.00	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	6.95	113	409953	50.81	ug/l	0.05
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.43	98	899954	46.51	ug/l	0.05
Spiked Amount 50.000			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	13.56	95	359145	48.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
20) Methylene Chloride	3.85	84	49889	4.674	ug/l	Qvalue 95

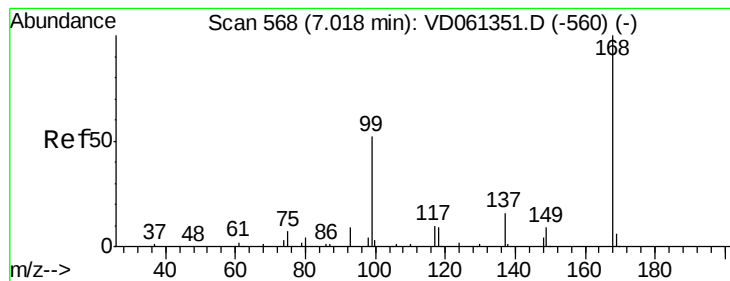
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061447.D

Acq: 31 Mar 2019 15:23

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MSVOA_D

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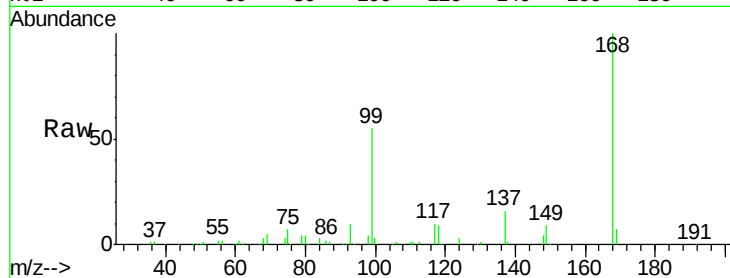
SU-02-032719-A

Tgt Ion: 168 Resp: 632203

Ion Ratio Lower Upper

168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

150000

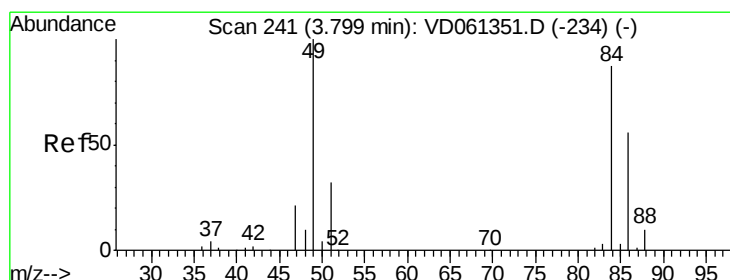
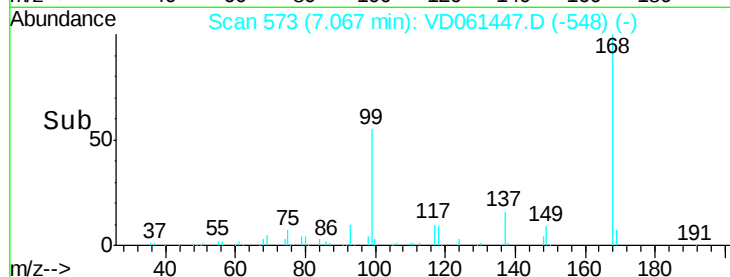
100000

50000

0

Time-->

7.00 7.10 7.20



#20

Methylene Chloride

Concen: 4.674 ug/l

RT: 3.85 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD061447.D

Acq: 31 Mar 2019 15:23

Tgt Ion: 84 Resp: 49889

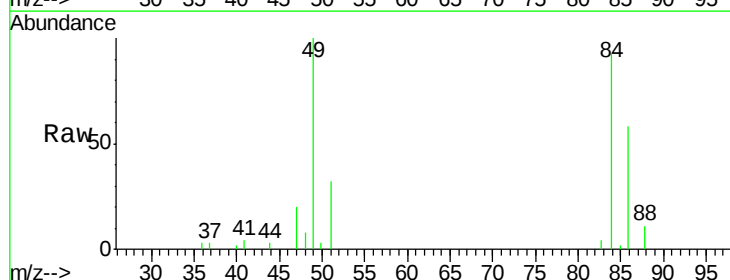
Ion Ratio Lower Upper

84 100

49 107.9 91.8 137.8

51 34.9 29.8 44.8

86 62.9 51.8 77.6



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

30000

25000

20000

15000

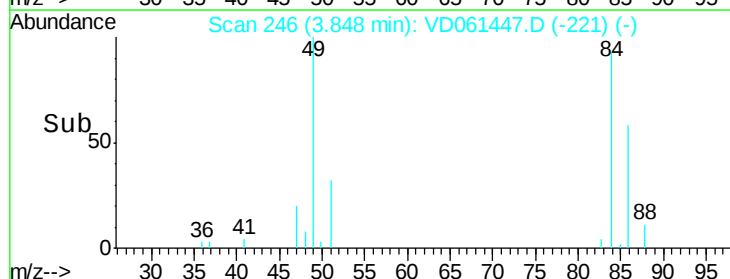
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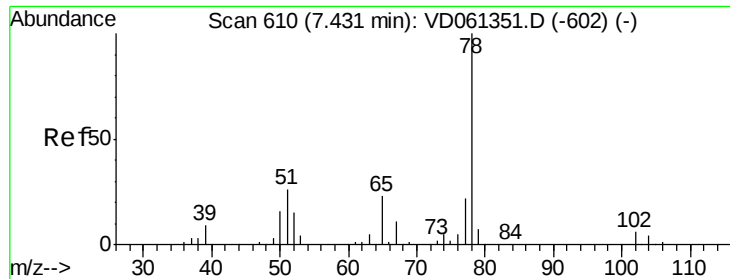
5000

0

Time-->

3.70 3.80 3.90 4.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD061447.D

Acq: 31 Mar 2019 15:23

Instrument :

MSVOA_D

ClientSampleId :

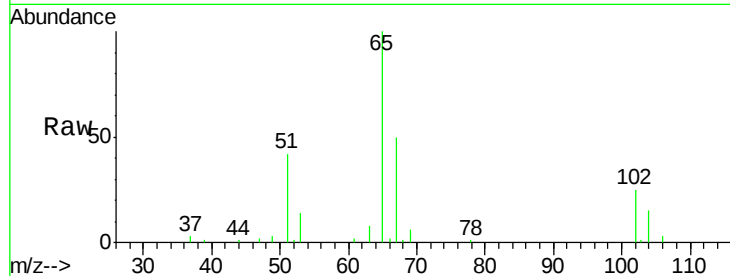
SU-02-032719-A

Tgt Ion: 65 Resp: 253850

Ion Ratio Lower Upper

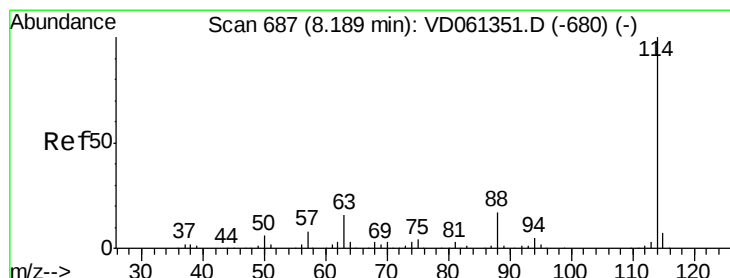
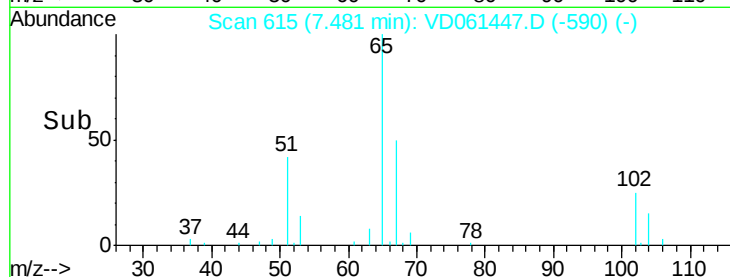
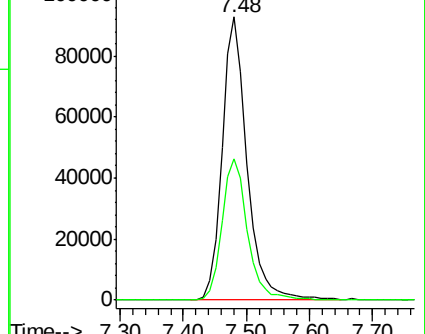
65 100

67 49.9 0.0 99.8



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: 8.25 min Scan# 693

Delta R.T. 0.06 min

Lab File: VD061447.D

Acq: 31 Mar 2019 15:23

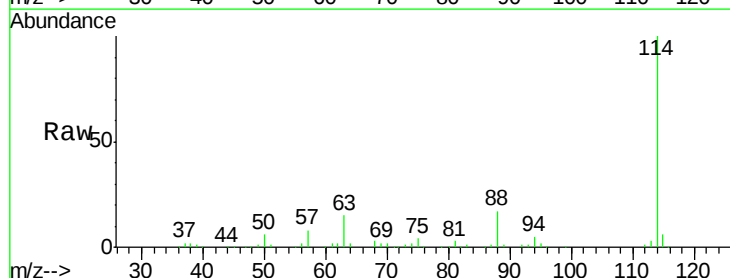
Tgt Ion: 114 Resp: 1055773

Ion Ratio Lower Upper

114 100

63 15.0 0.0 31.6

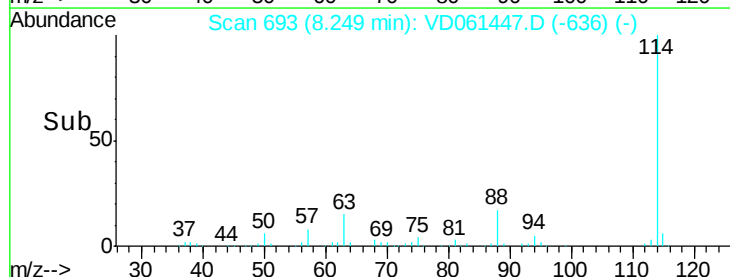
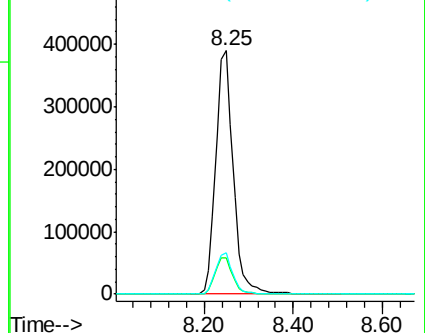
88 16.9 0.0 33.4

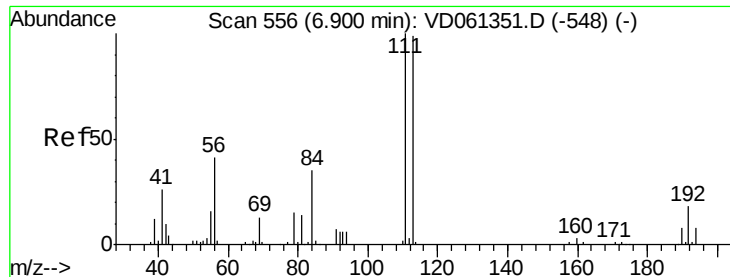


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

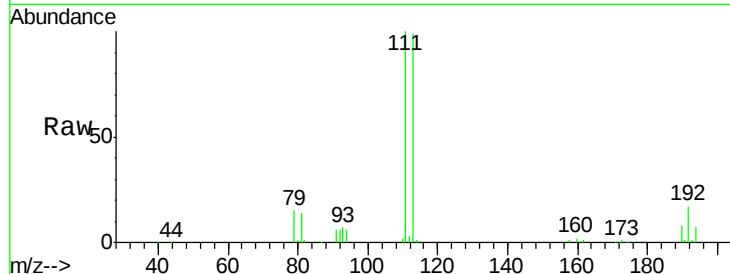




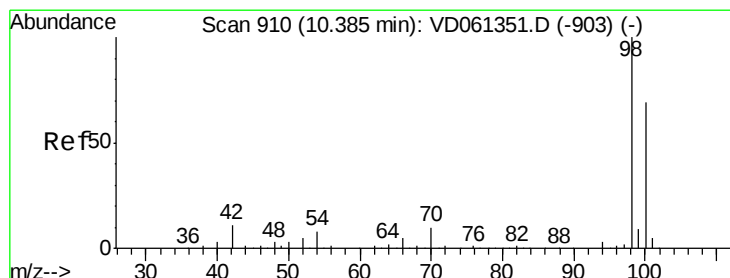
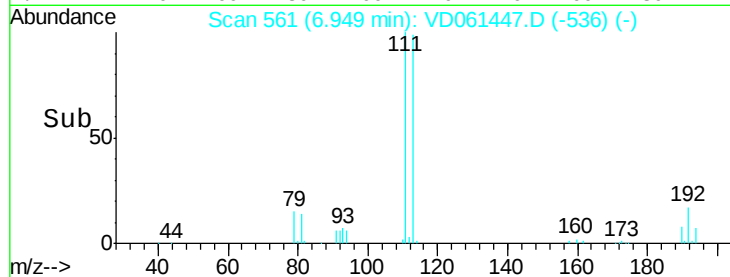
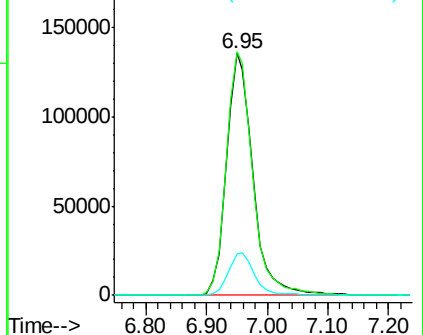
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061447.D
 Acq: 31 Mar 2019 15:23

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Tgt Ion: 113 Resp: 409953
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.0 121.6
 192 16.8 14.4 21.6

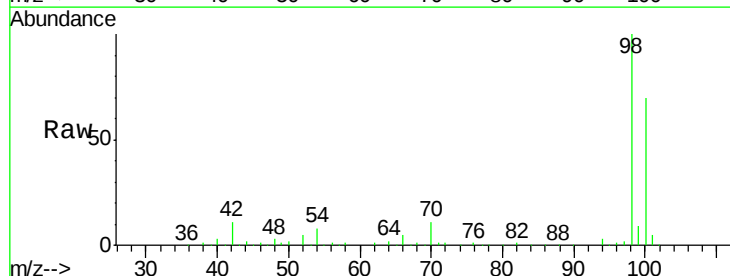


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

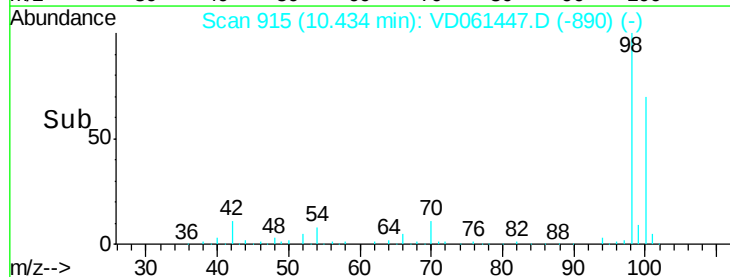
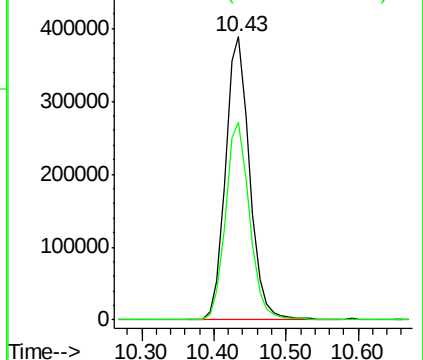


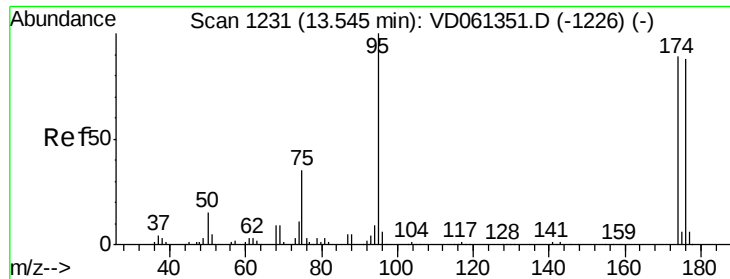
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.05 min
 Lab File: VD061447.D
 Acq: 31 Mar 2019 15:23

Tgt Ion: 98 Resp: 899954
 Ion Ratio Lower Upper
 98 100
 100 69.8 56.2 84.2



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

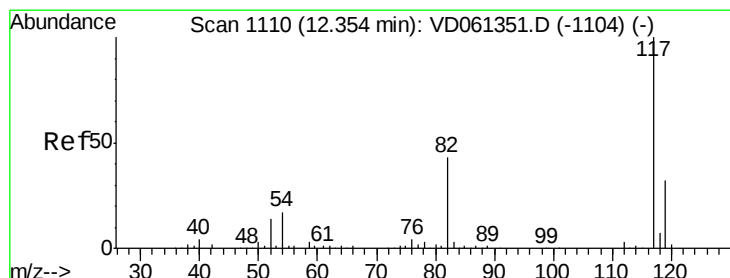
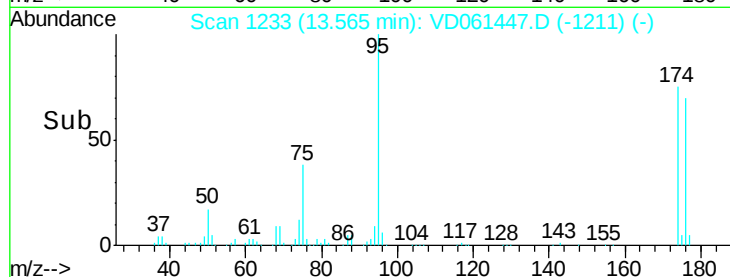
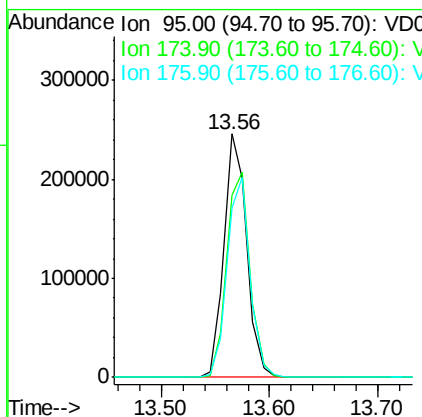
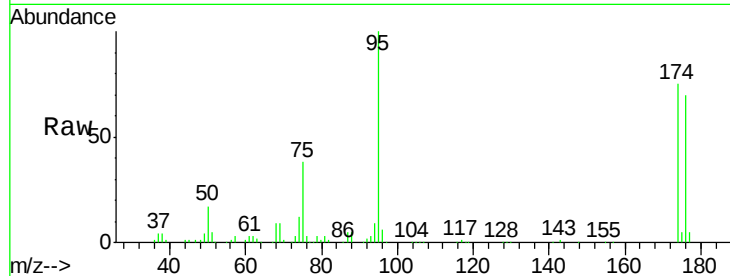




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061447.D
Acq: 31 Mar 2019 15:23

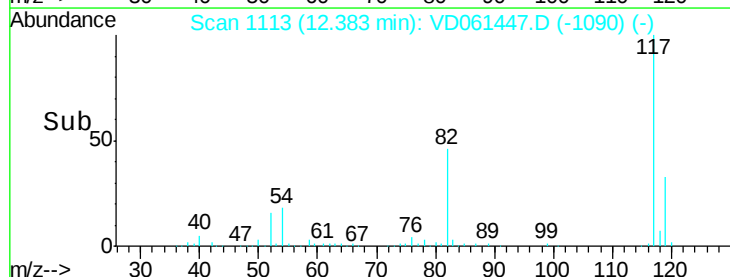
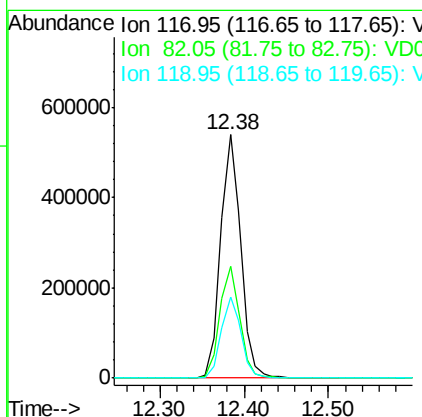
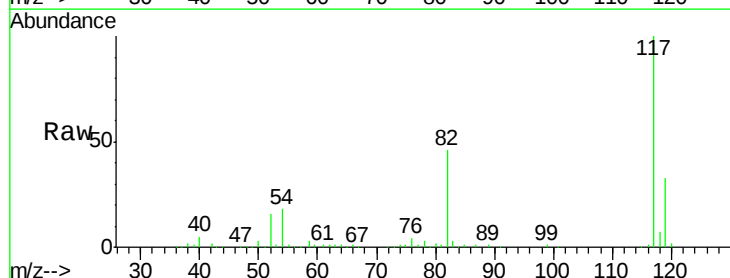
Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-A

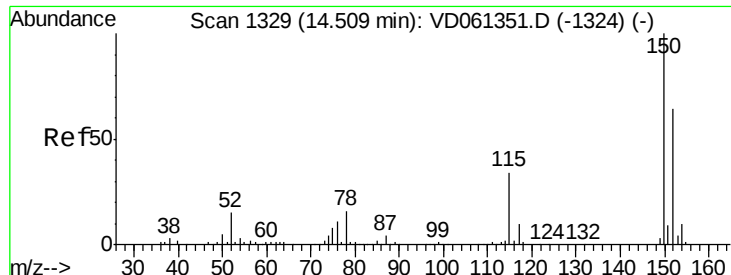
Tgt Ion: 95 Resp: 359145
Ion Ratio Lower Upper
95 100
174 74.8 0.0 178.0
176 69.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061447.D
Acq: 31 Mar 2019 15:23

Tgt Ion: 117 Resp: 896336
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 33.1 25.8 38.6

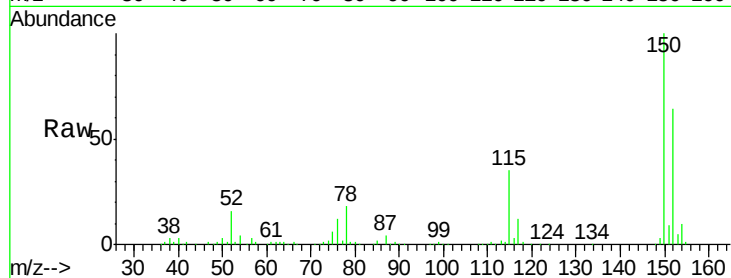




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD061447.D
 Acq: 31 Mar 2019 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032719-A

Tgt Ion:152 Resp: 403254
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.9 80.6
 150 155.3 0.0 318.0



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

