

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061811.D
 Acq On : 16 Apr 2019 15:11
 Operator : VA/AP
 Sample : K2196-03
 Misc : 6.39g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-041119

Quant Time: Apr 16 16:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

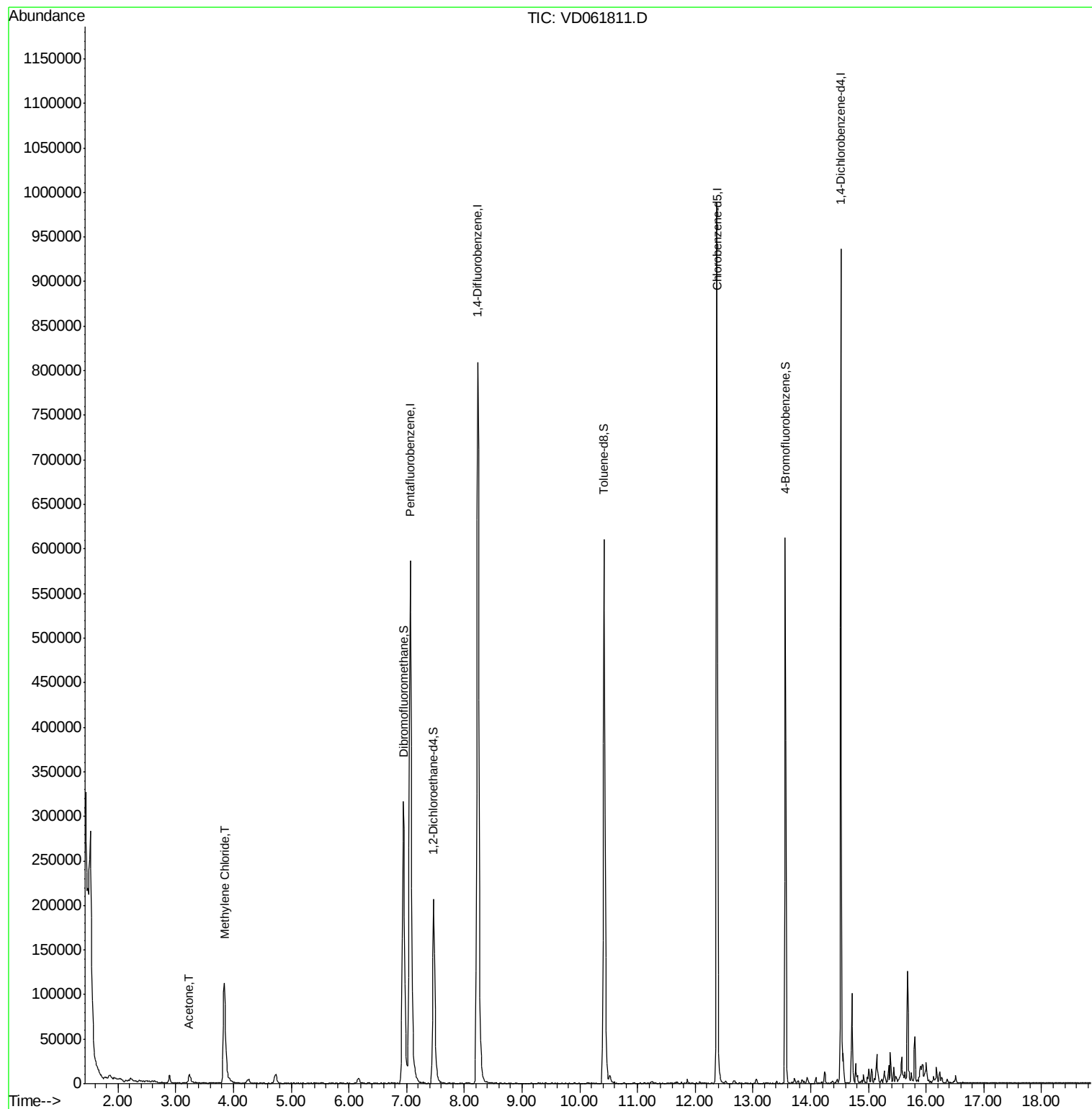
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	607259	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	997548	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.38	117	644666	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	202715	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	213732	42.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.00%	
35) Dibromofluoromethane	6.94	113	309654	41.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.18%	
50) Toluene-d8	10.42	98	521034	29.18	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	58.36%	
62) 4-Bromofluorobenzene	13.56	95	177365	24.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	49.02%	
Target Compounds						
16) Acetone	3.23	43	21644	17.255	ug/l #	87
20) Methylene Chloride	3.84	84	88695	10.612	ug/l	98

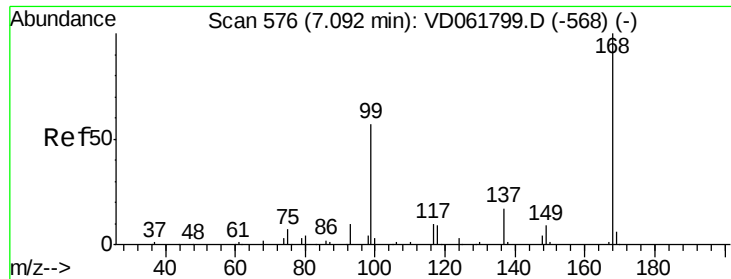
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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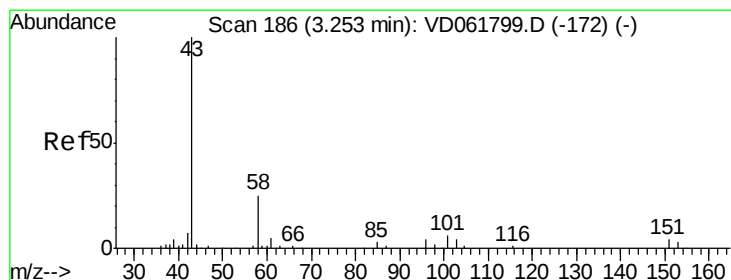
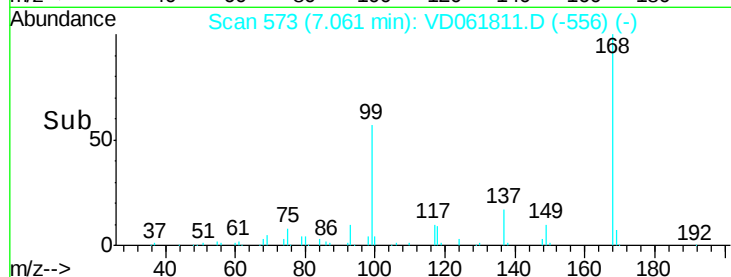
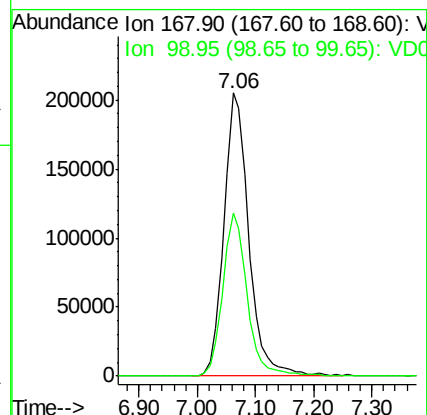
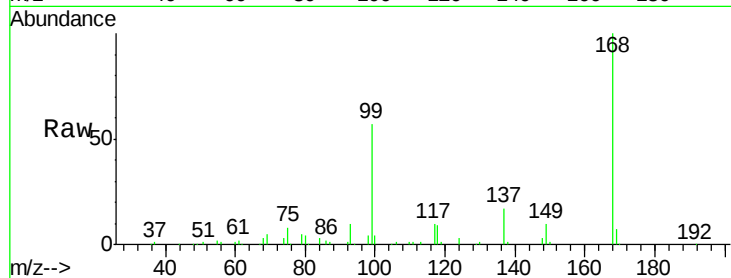




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

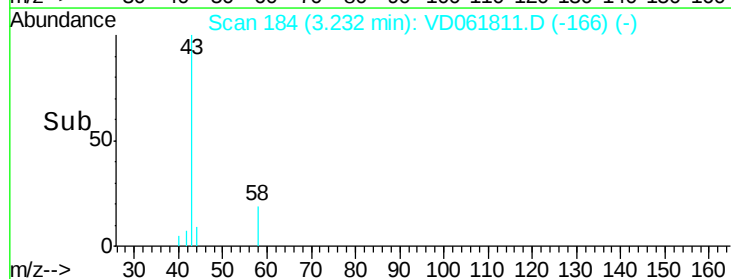
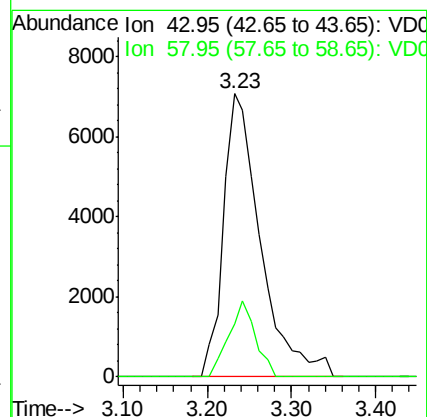
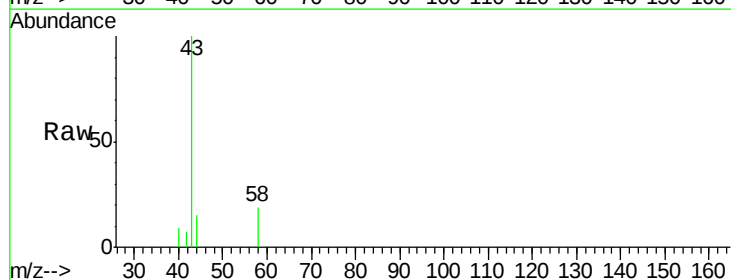
Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

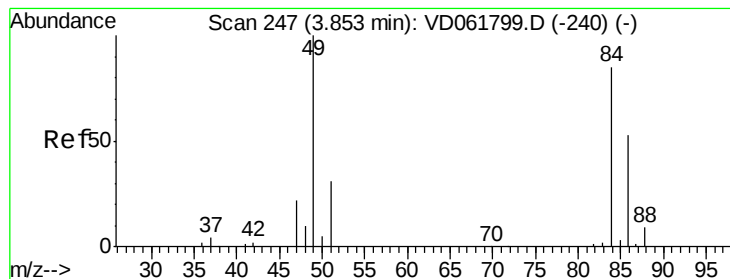
Tot Ion:168 Resp: 607259
Ion Ratio Lower Upper
168 100
99 57.4 46.5 69.7



#16
Acetone
Concen: 17.255 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 43 Resp: 21644
Ion Ratio Lower Upper
43 100
58 18.5 19.9 29.9#





#20

Methvlene Chloride

Concen: 10.612 ug/l

RT: 3.84 min Scan# 246

Delta R.T. -0.01 min

Lab File: VD061811.D

Acq: 16 Apr 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

HD-02-041119

Tot Ion: 84 Resp: 88695

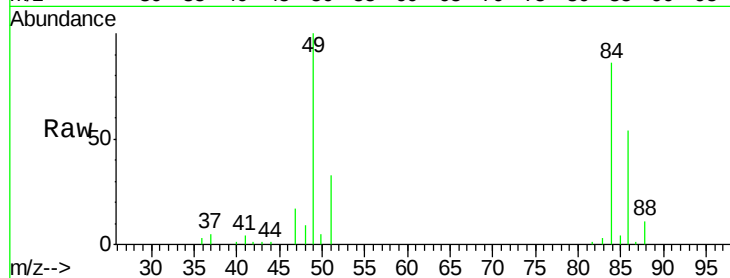
Ion Ratio Lower Upper

84 100

49 116.2 94.0 141.0

51 38.4 29.0 43.4

86 62.9 49.8 74.6

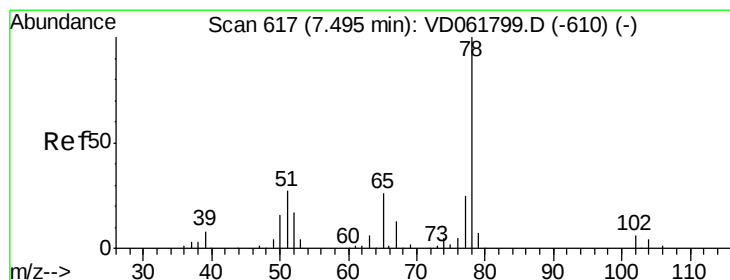
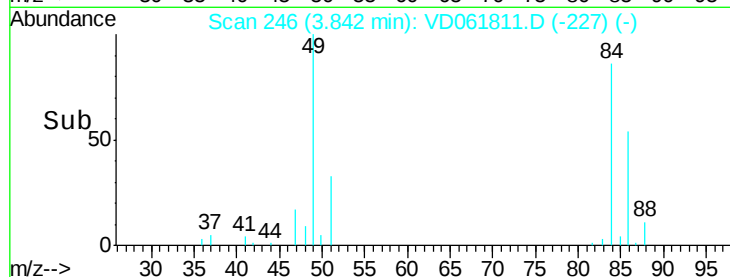
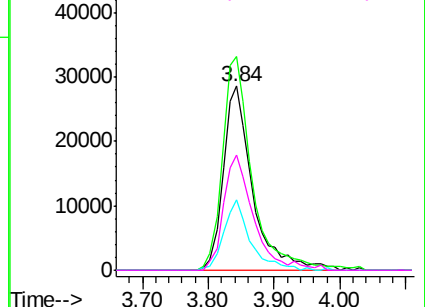


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 7.46 min Scan# 614

Delta R.T. -0.03 min

Lab File: VD061811.D

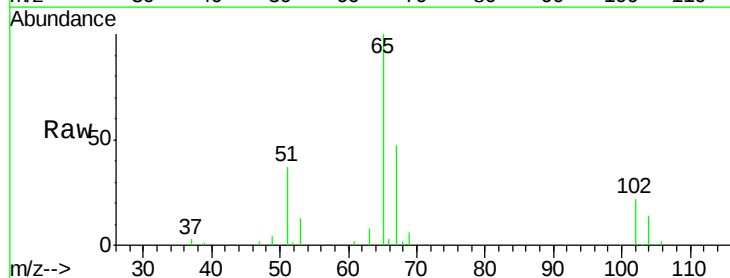
Acq: 16 Apr 2019 15:11

Tgt Ion: 65 Resp: 213732

Ion Ratio Lower Upper

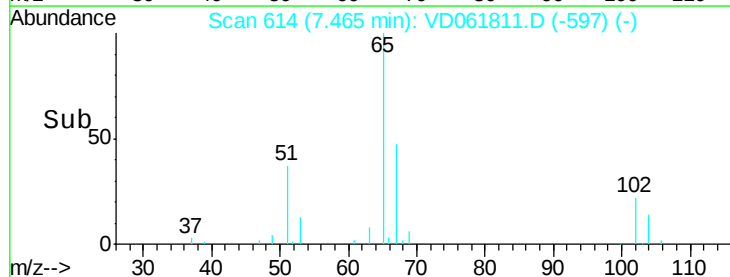
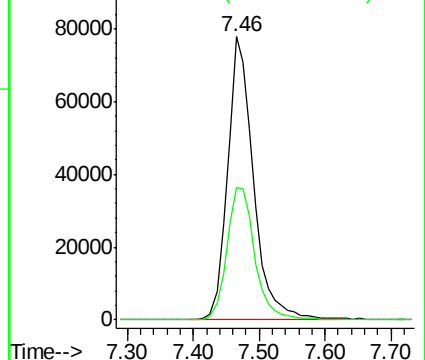
65 100

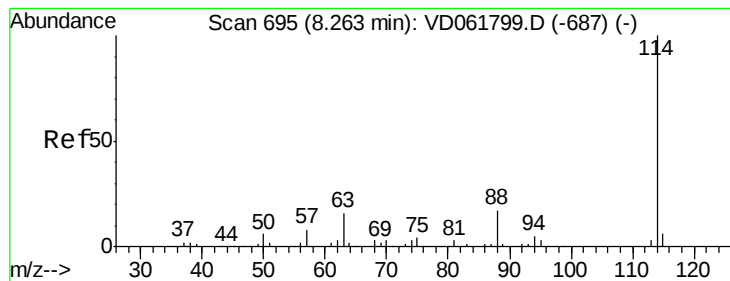
67 46.9 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. -0.03 min

Lab File: VD061811.D

Acq: 16 Apr 2019 15:11

Instrument :

MSVOA_D

ClientSampleId :

HD-02-041119

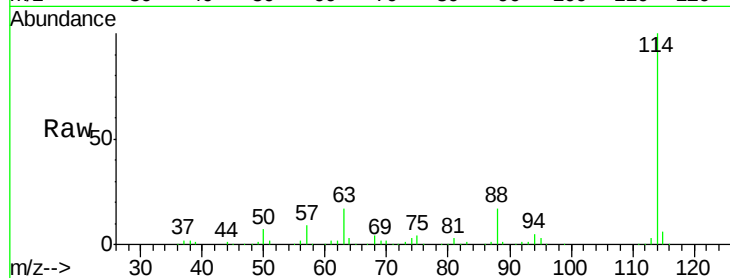
Tot Ion:114 Resp: 997548

Ion Ratio Lower Upper

114 100

63 16.6 0.0 32.4

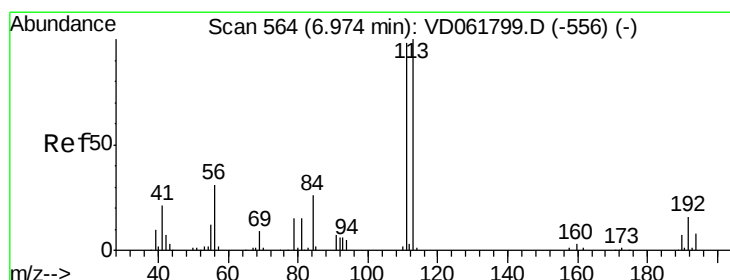
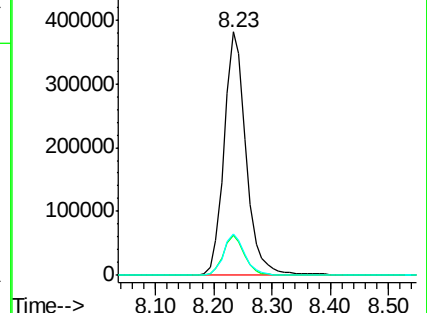
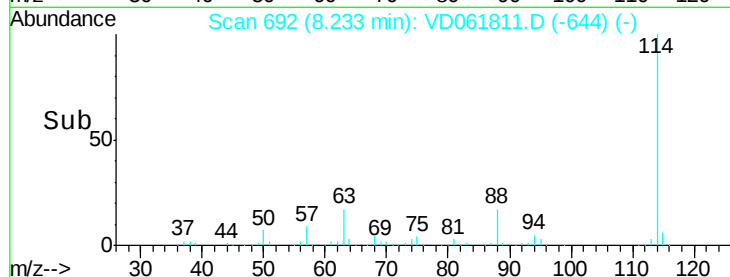
88 17.0 0.0 33.6



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: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.03 min

Lab File: VD061811.D

Acq: 16 Apr 2019 15:11

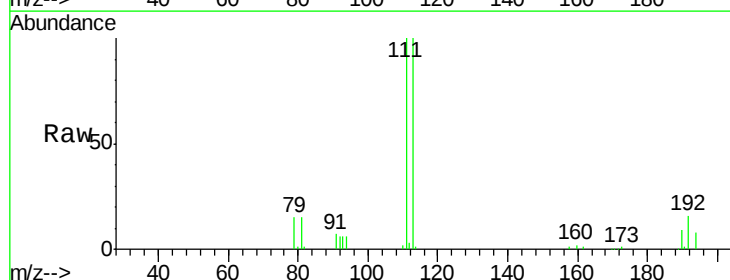
Tgt Ion:113 Resp: 309654

Ion Ratio Lower Upper

113 100

111 100.0 78.5 117.7

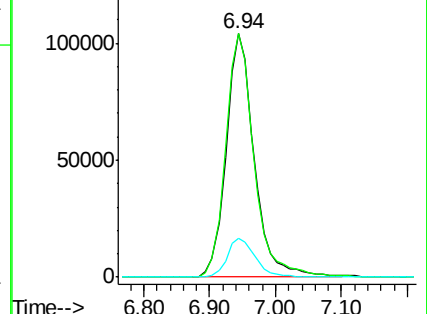
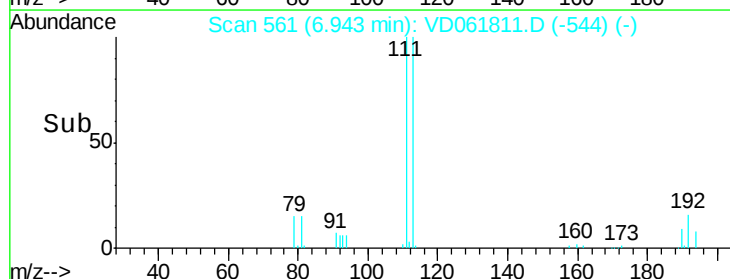
192 16.2 13.0 19.4

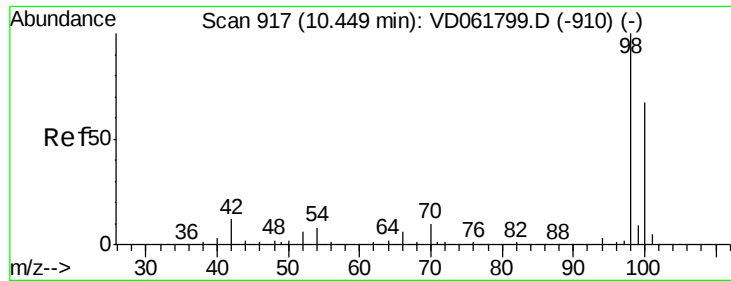


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

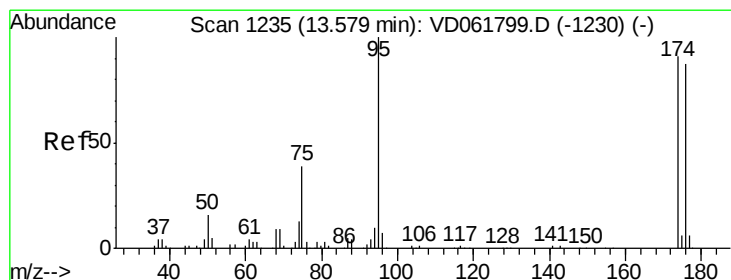
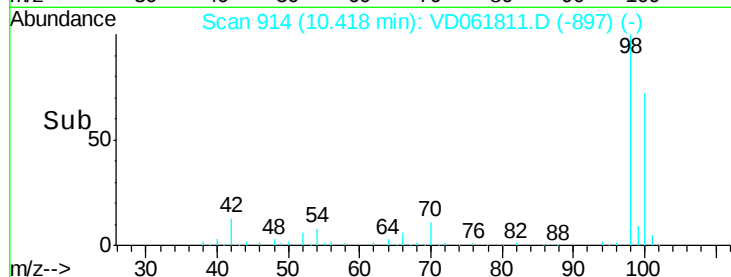
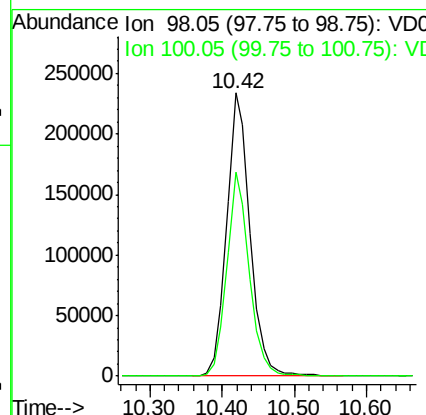
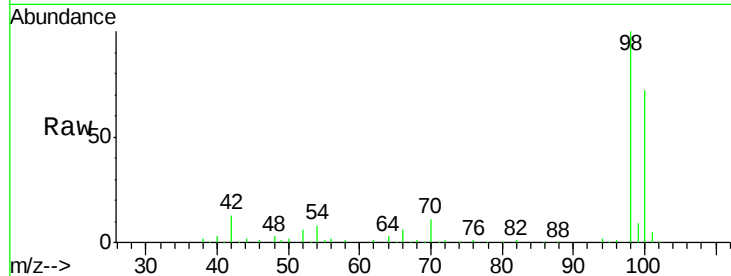




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

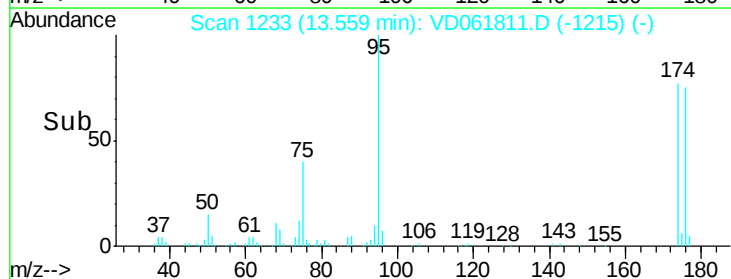
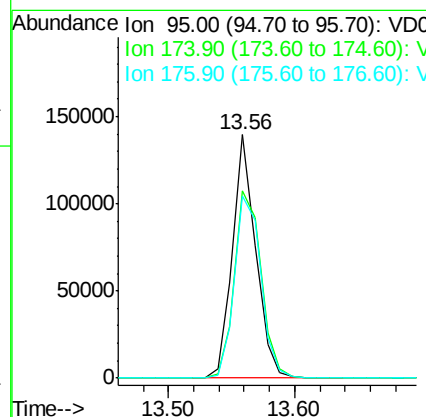
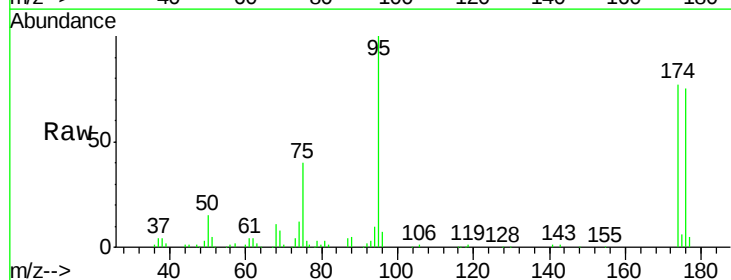
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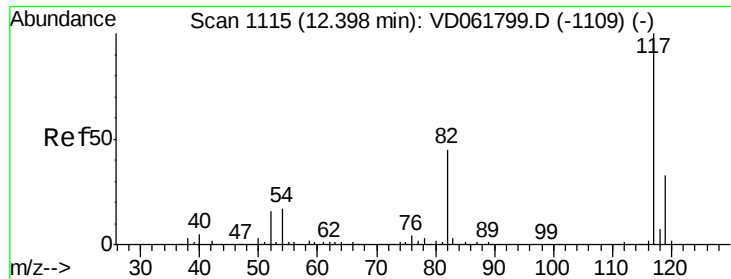
Tot Ion: 98 Resp: 521034
Ion Ratio Lower Upper
98 100
100 71.9 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 95 Resp: 177365
Ion Ratio Lower Upper
95 100
174 76.7 0.0 181.8
176 74.9 0.0 174.4

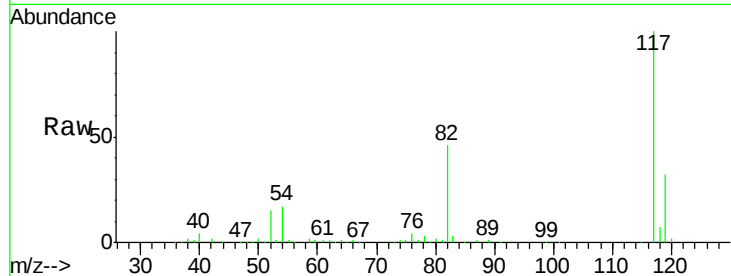




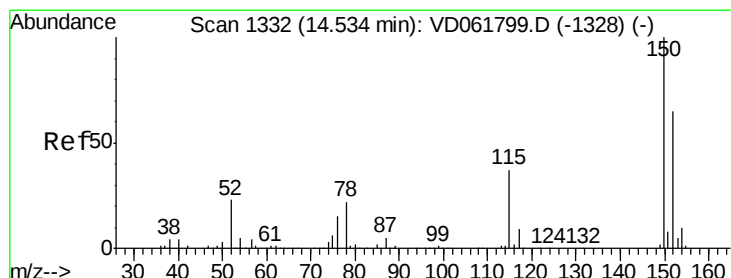
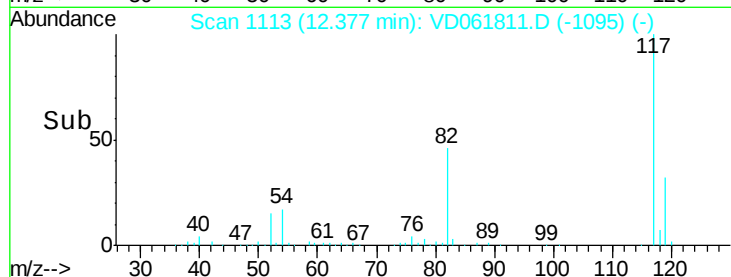
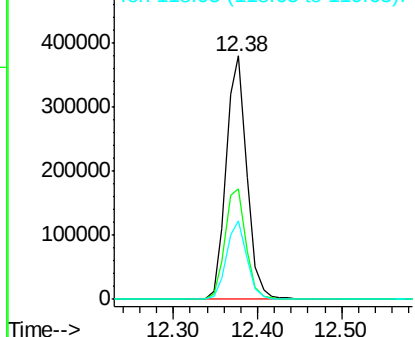
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_D
ClientSampleId :
HD-02-041119

Tot Ion:117 Resp: 644666
Ion Ratio Lower Upper
117 100
82 45.6 36.2 54.2
119 32.4 26.2 39.4

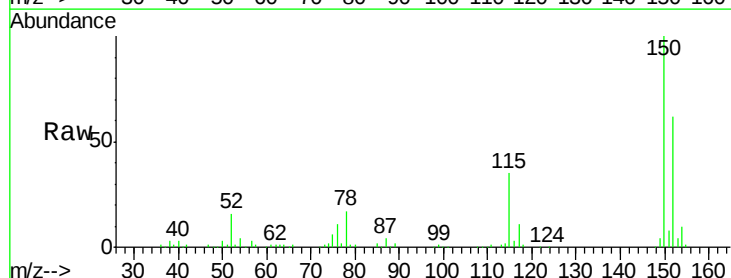


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061811.D
Acq: 16 Apr 2019 15:11

Tgt Ion:152 Resp: 202715
Ion Ratio Lower Upper
152 100
115 56.3 30.9 92.7
150 161.3 0.0 314.8



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

