

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062034.D
 Acq On : 25 Apr 2019 12:58
 Operator : VA/AP
 Sample : K2532-06RE
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-2RE

Quant Time: Apr 25 15:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	10353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	19470	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	18673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	9464	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	6084	75.08	ug/l	-0.01
Spiked Amount			Recovery	=	150.16%	
35) Dibromofluoromethane	6.91	113	5418	40.24	ug/l	-0.02
Spiked Amount			Recovery	=	80.48%	
50) Toluene-d8	10.41	98	16375	51.11	ug/l	-0.01
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	13.56	95	7579	58.97	ug/l	0.00
Spiked Amount			Recovery	=	117.94%	

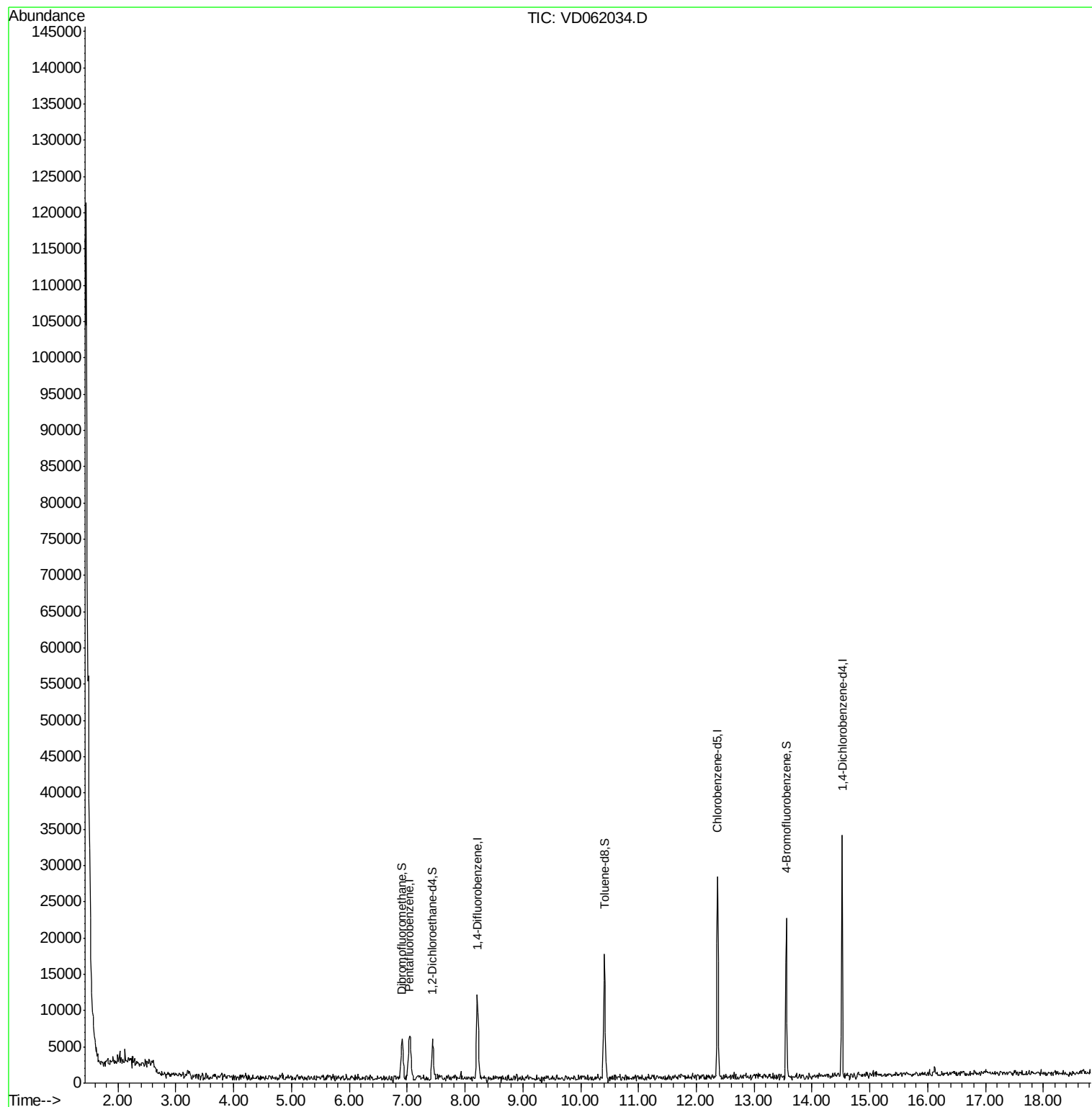
Target Compounds	Qvalue
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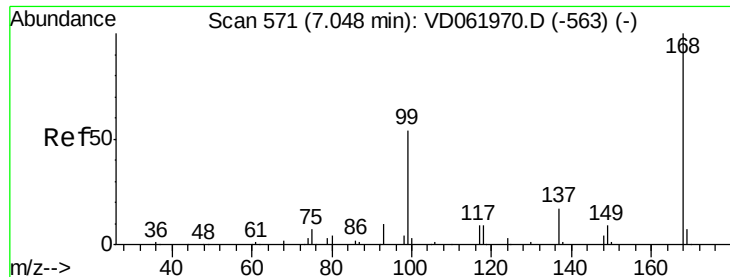
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062034.D

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Instrument :

MSVOA_D

ClientSampleId :

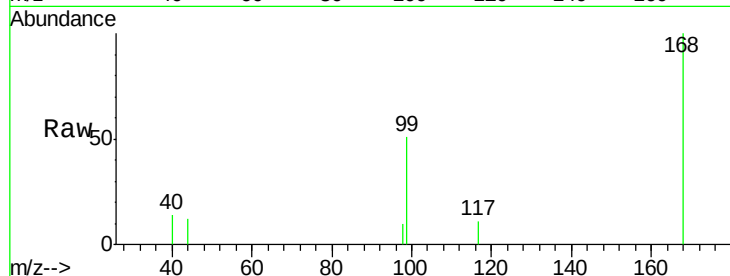
TP-2-2RE

Tot Ion:168 Resp: 10353

Ion Ratio Lower Upper

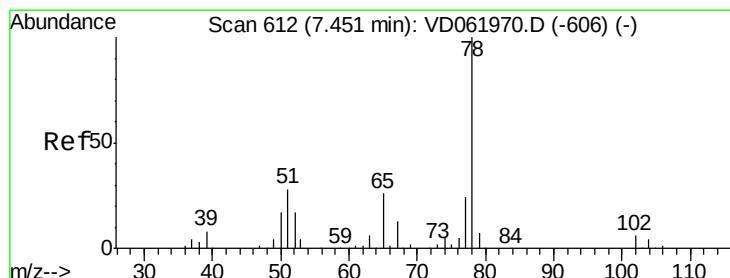
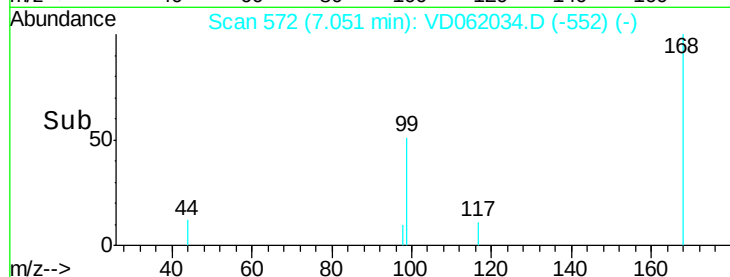
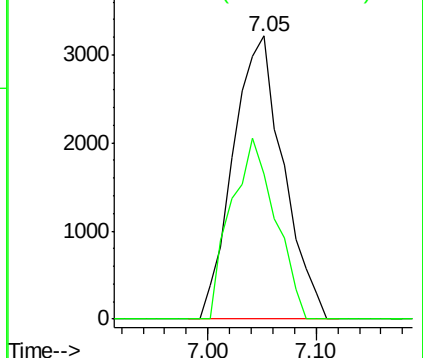
168 100

99 51.2 46.5 69.7



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: 75.085 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062034.D

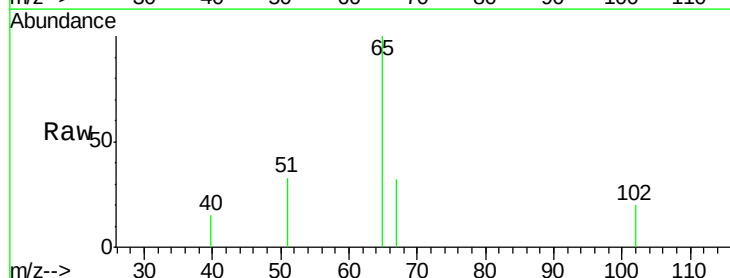
Acq: 25 Apr 2019 12:58

Tgt Ion: 65 Resp: 6084

Ion Ratio Lower Upper

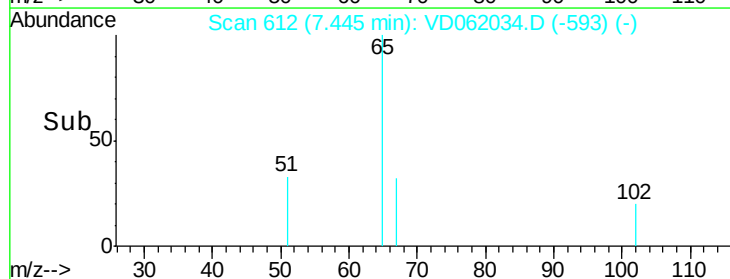
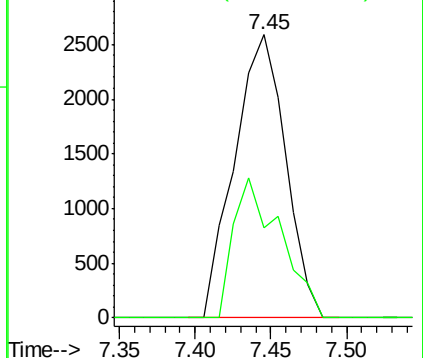
65 100

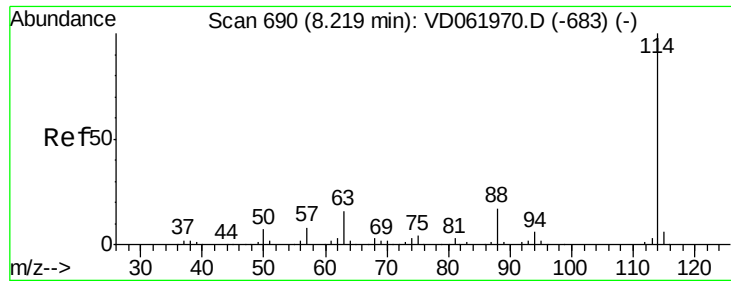
67 31.7 0.0 98.0



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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062034.D

Acq: 25 Apr 2019 12:58

Instrument :

MSVOA_D

ClientSampleId :

TP-2-2RE

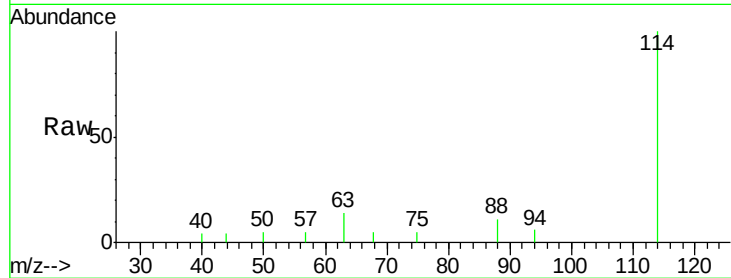
Tot Ion:114 Resp: 19470

Ion Ratio Lower Upper

114 100

63 13.6 0.0 32.4

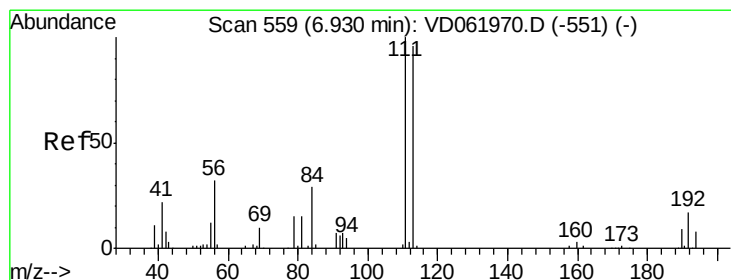
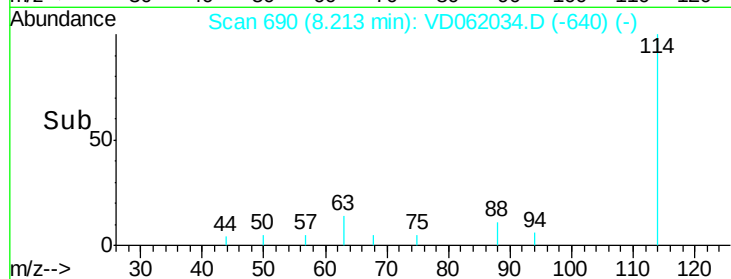
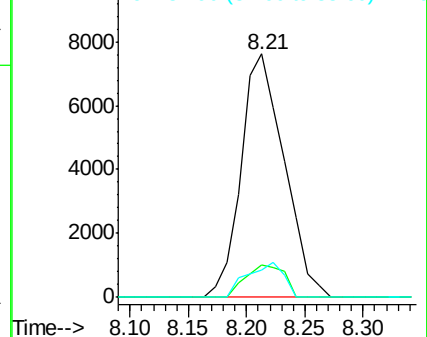
88 11.4 0.0 33.6



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: 40.237 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062034.D

Acq: 25 Apr 2019 12:58

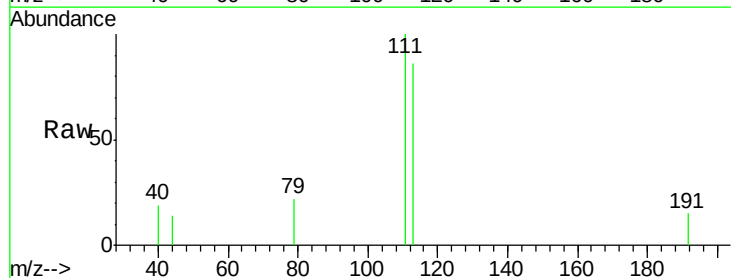
Tgt Ion:113 Resp: 5418

Ion Ratio Lower Upper

113 100

111 115.9 78.5 117.7

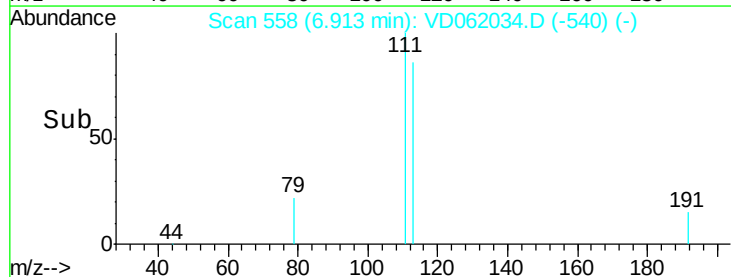
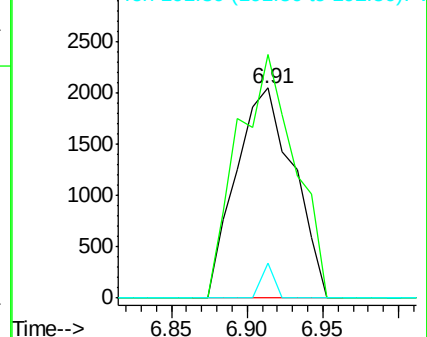
192 16.8 13.0 19.4

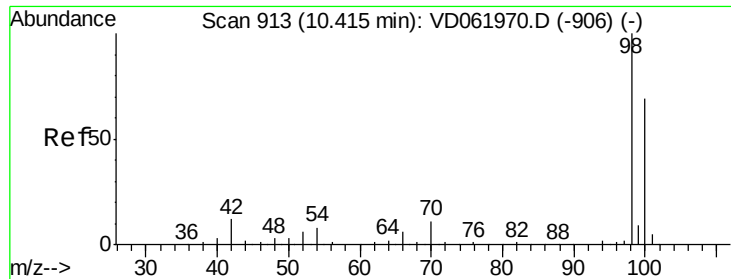


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

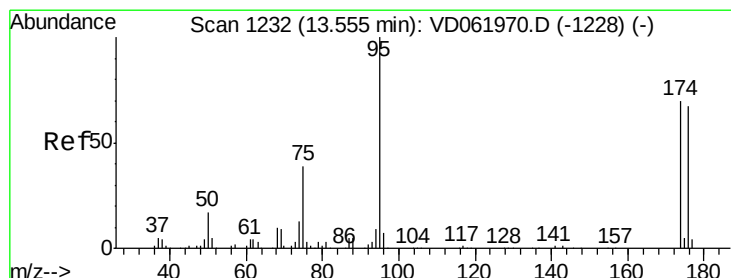
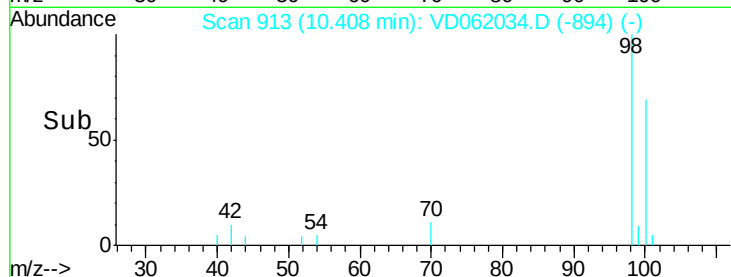
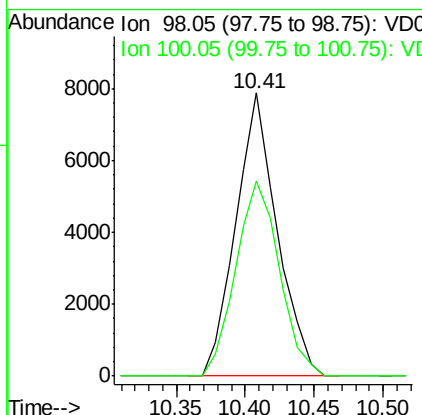
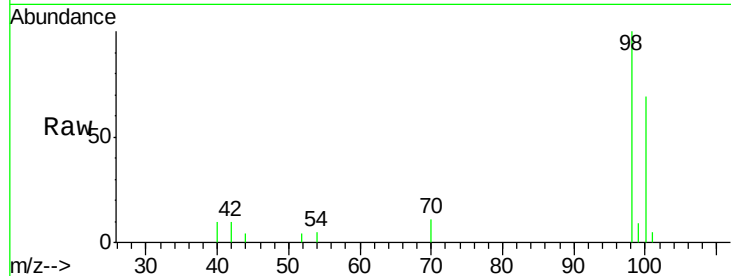




#50
Toluene-d8
Concen: 51.107 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062034.D
Acq: 25 Apr 2019 12:58

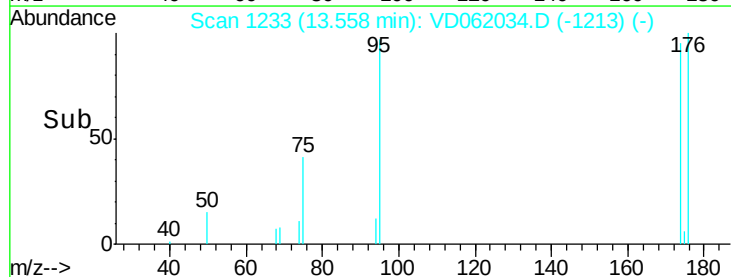
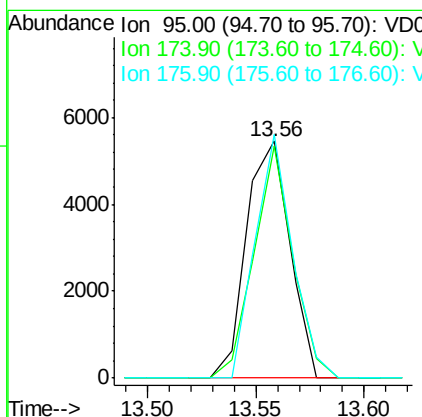
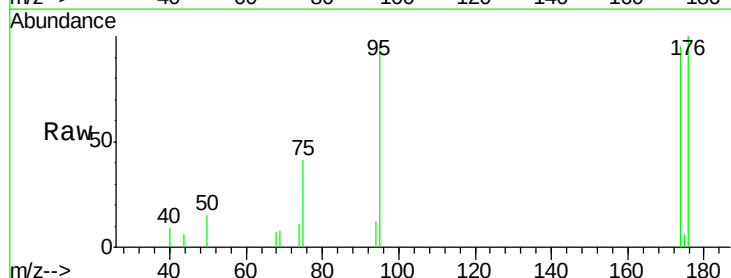
Instrument :
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ClientSampleId :
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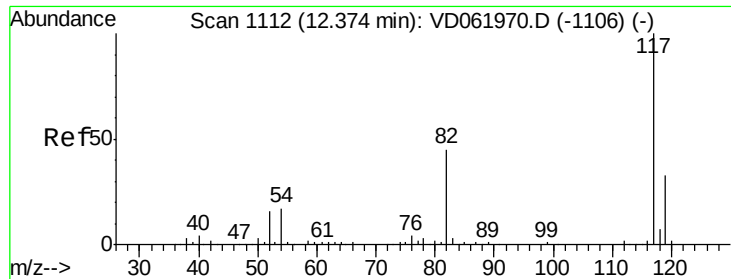
Tot Ion: 98 Resp: 16375
Ion Ratio Lower Upper
98 100
100 69.1 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 58.974 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062034.D
Acq: 25 Apr 2019 12:58

Tgt Ion: 95 Resp: 7579
Ion Ratio Lower Upper
95 100
174 97.9 0.0 181.8
176 102.7 0.0 174.4

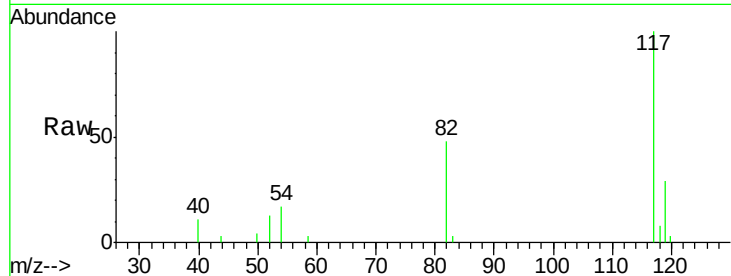




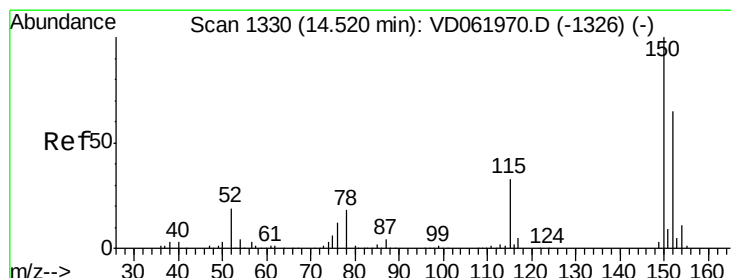
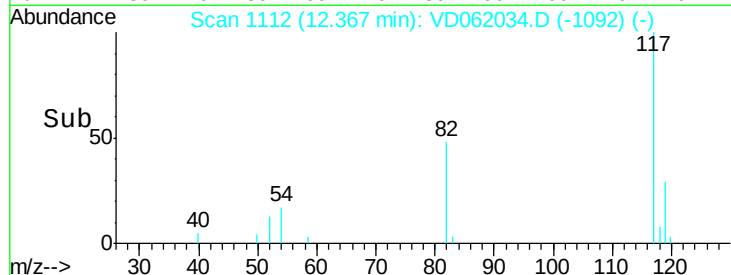
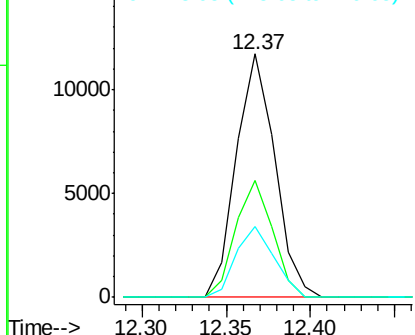
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062034.D
Acq: 25 Apr 2019 12:58

Instrument :
MSVOA_D
ClientSampleId :
TP-2-2RE

Tot Ion:117 Resp: 18673
Ion Ratio Lower Upper
117 100
82 48.0 36.2 54.2
119 29.3 26.2 39.4

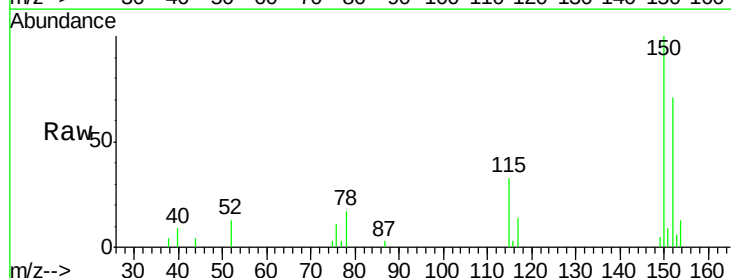


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062034.D
Acq: 25 Apr 2019 12:58

Tgt Ion:152 Resp: 9464
Ion Ratio Lower Upper
152 100
115 46.9 30.9 92.7
150 141.3 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

