

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062035.D
 Acq On : 25 Apr 2019 13:26
 Operator : VA/AP
 Sample : K2532-10RE
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-2RE

Quant Time: Apr 25 15:31:46 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	16490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	26082	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	22164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	9640	74.69	ug/l	-0.01
Spiked Amount						
			Recovery	=		149.38%
35) Dibromofluoromethane	6.92	113	10456	57.97	ug/l	-0.01
Spiked Amount						
			Recovery	=		115.94%
50) Toluene-d8	10.41	98	23918	55.72	ug/l	0.00
Spiked Amount						
			Recovery	=		111.44%
62) 4-Bromofluorobenzene	13.55	95	7933	46.08	ug/l	0.00
Spiked Amount						
			Recovery	=		92.16%

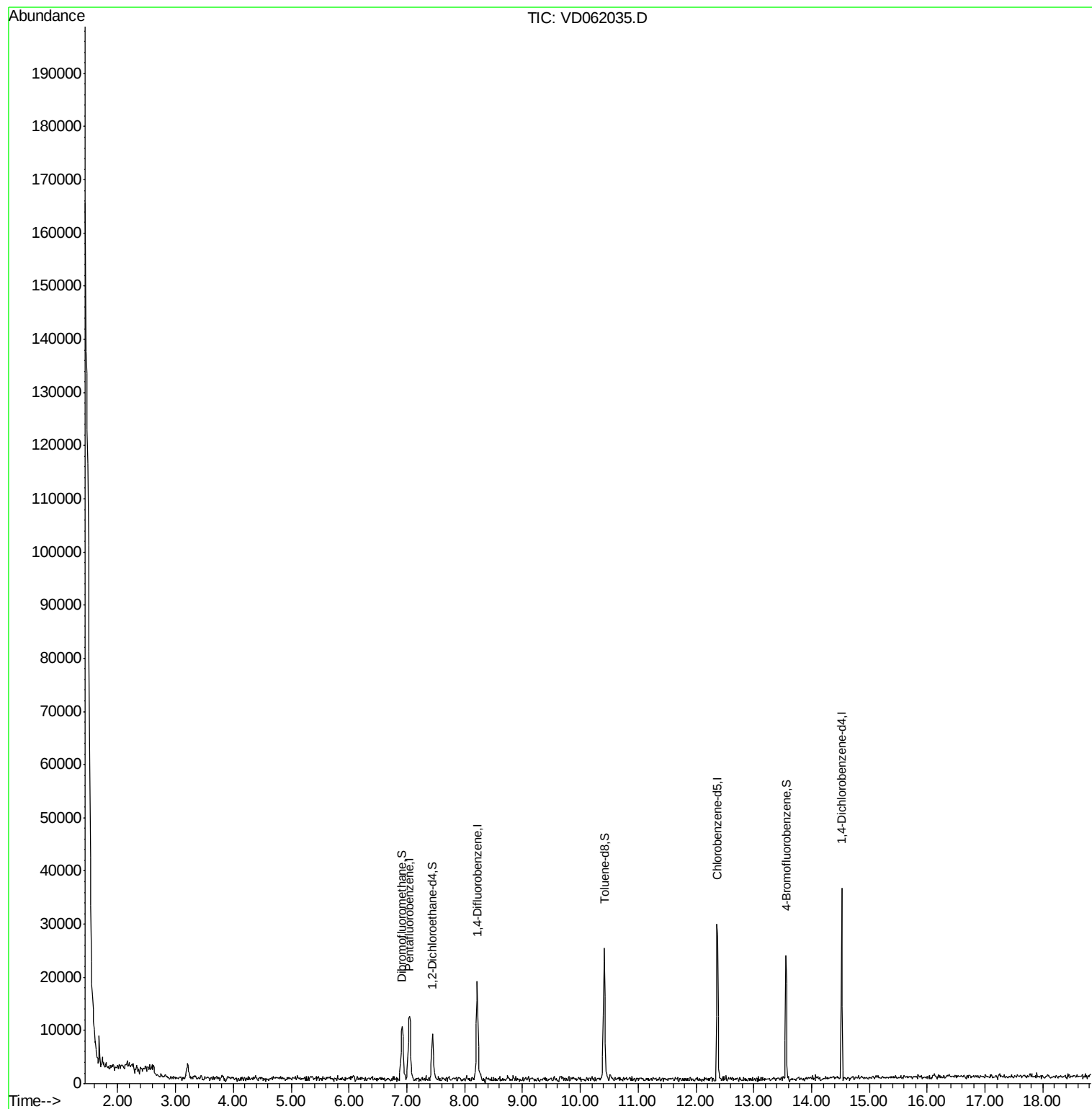
Target Compounds	Qvalue

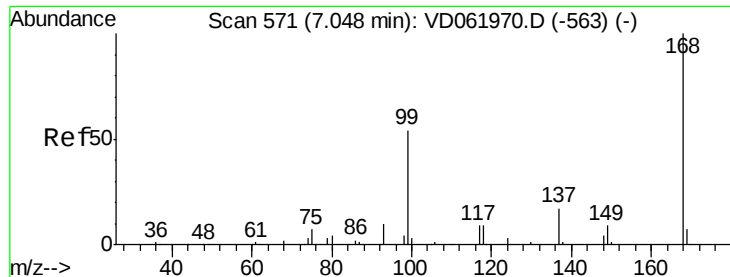
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

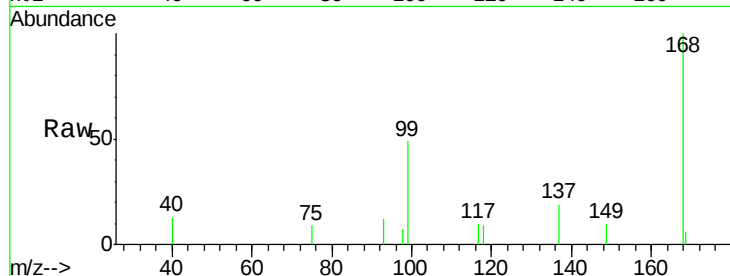
TP-3-2RE

Tot Ion:168 Resp: 16490

Ion Ratio Lower Upper

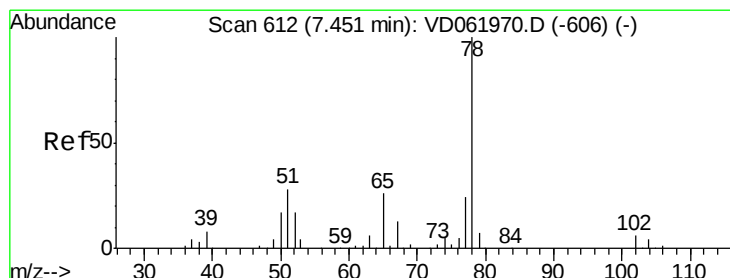
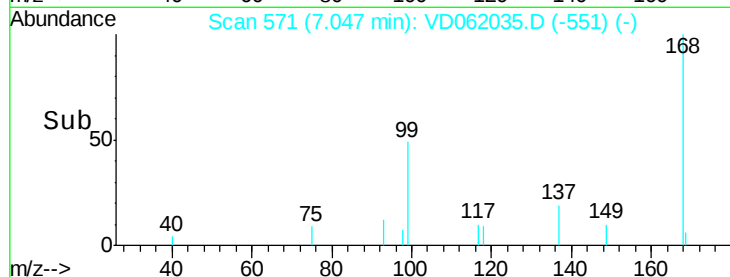
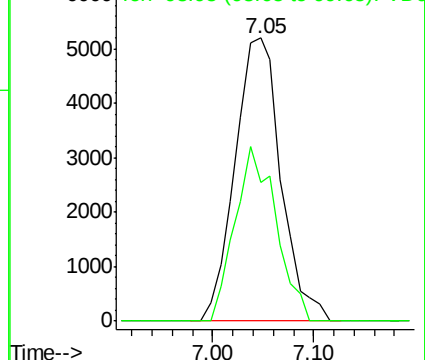
168 100

99 49.0 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: 74.694 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062035.D

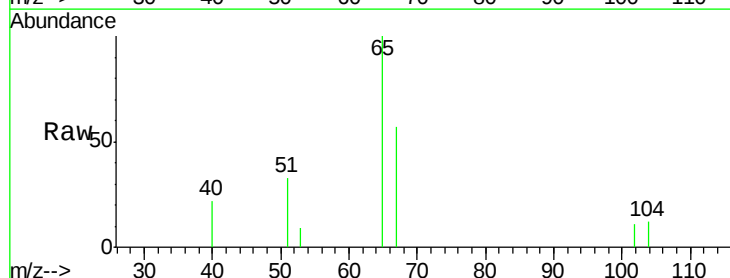
Acq: 25 Apr 2019 13:26

Tgt Ion: 65 Resp: 9640

Ion Ratio Lower Upper

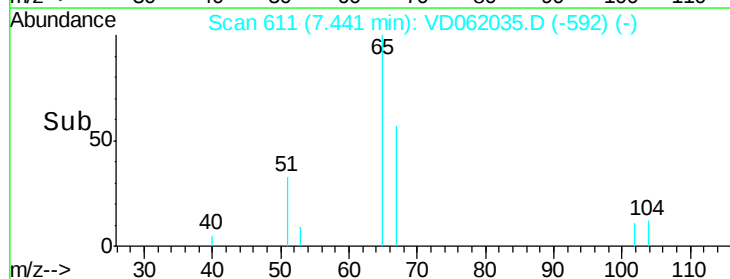
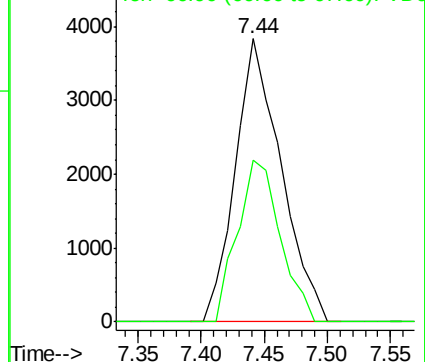
65 100

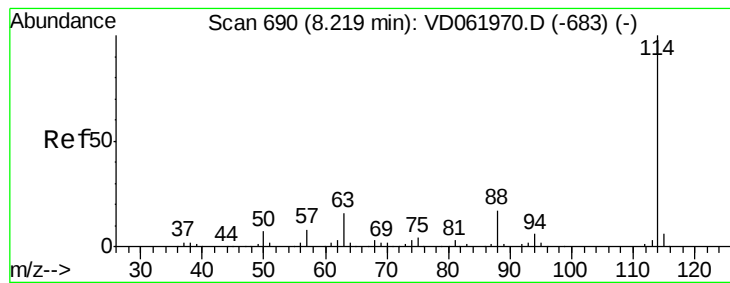
67 57.1 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062035.D

Acq: 25 Apr 2019 13:26

Instrument :

MSVOA_D

ClientSampleId :

TP-3-2RE

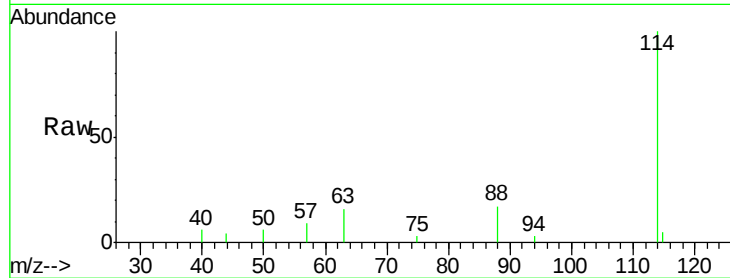
Tot Ion:114 Resp: 26082

Ion Ratio Lower Upper

114 100

63 15.5 0.0 32.4

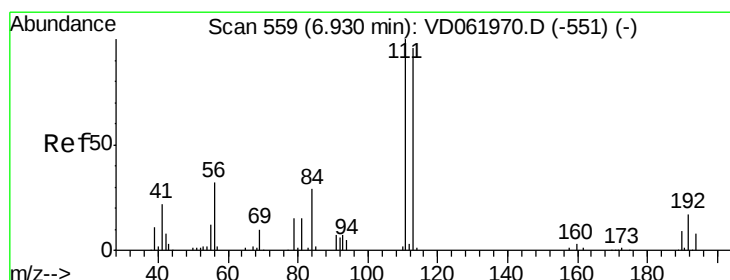
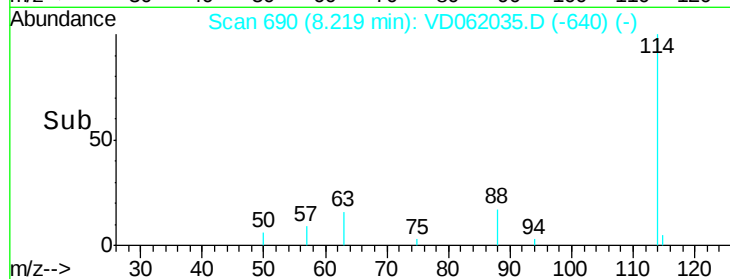
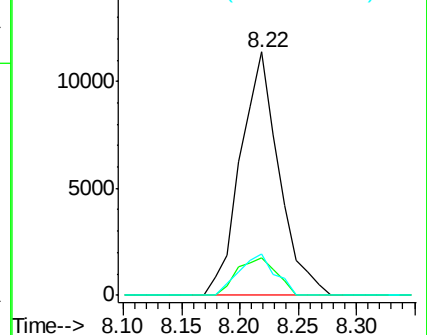
88 17.2 0.0 33.6



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: 57.966 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062035.D

Acq: 25 Apr 2019 13:26

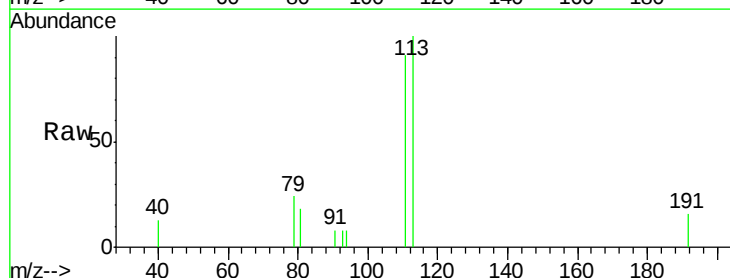
Tgt Ion:113 Resp: 10456

Ion Ratio Lower Upper

113 100

111 91.3 78.5 117.7

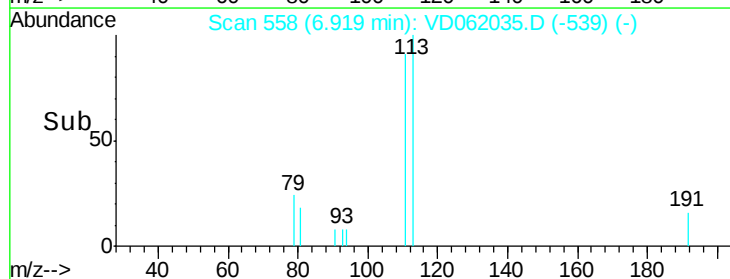
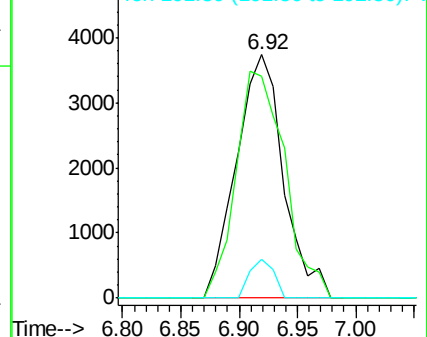
192 15.8 13.0 19.4

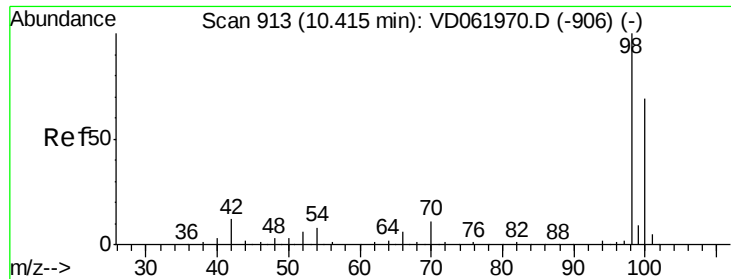


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

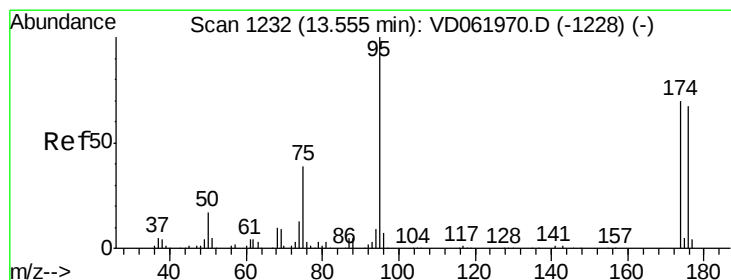
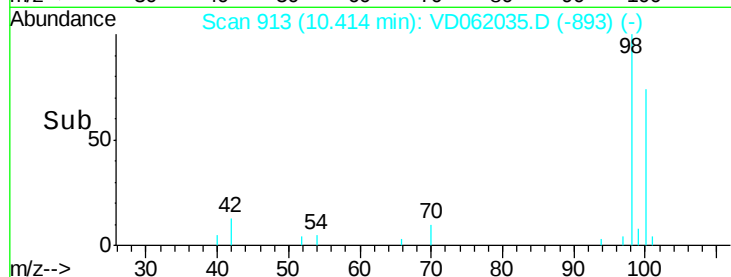
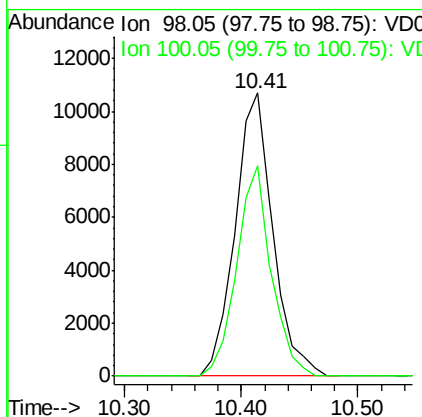
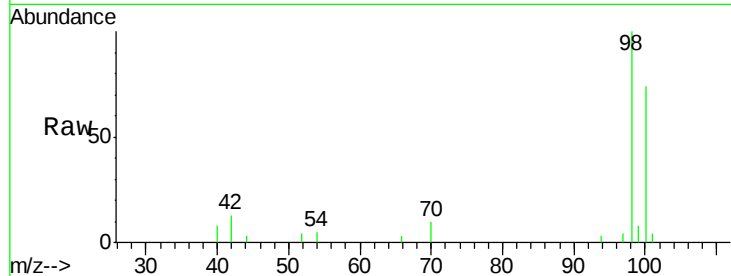




#50
Toluene-d8
Concen: 55.724 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062035.D
Acq: 25 Apr 2019 13:26

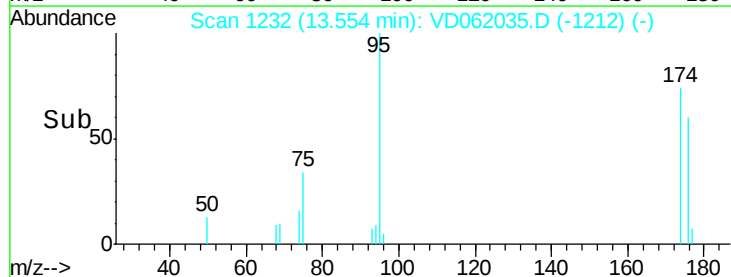
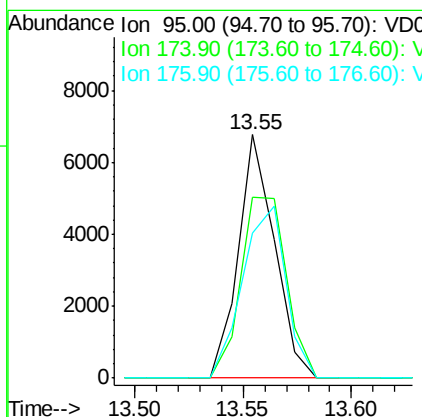
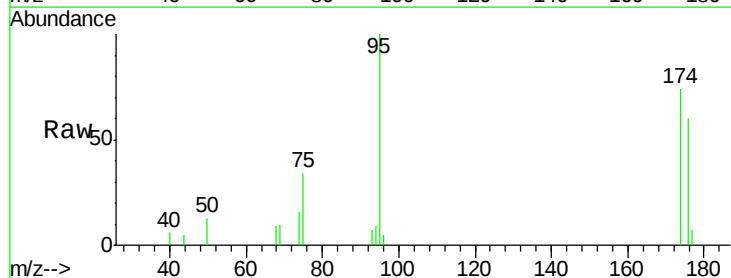
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TP-3-2RE

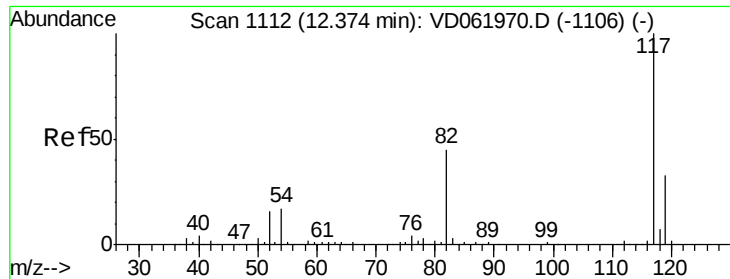
Tot Ion: 98 Resp: 23918
Ion Ratio Lower Upper
98 100
100 74.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062035.D
Acq: 25 Apr 2019 13:26

Tgt Ion: 95 Resp: 7933
Ion Ratio Lower Upper
95 100
174 74.3 0.0 181.8
176 59.6 0.0 174.4

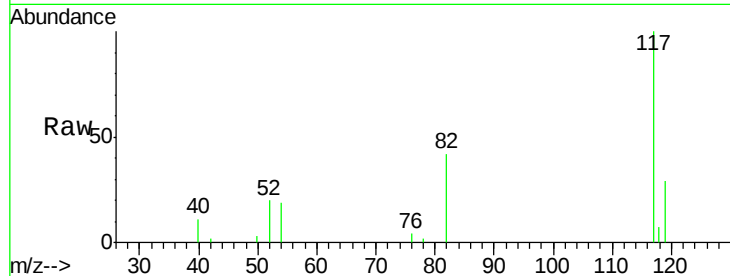




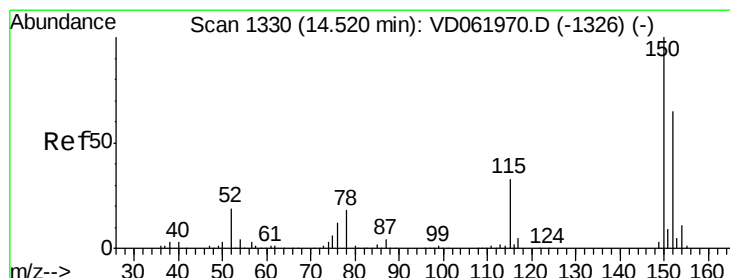
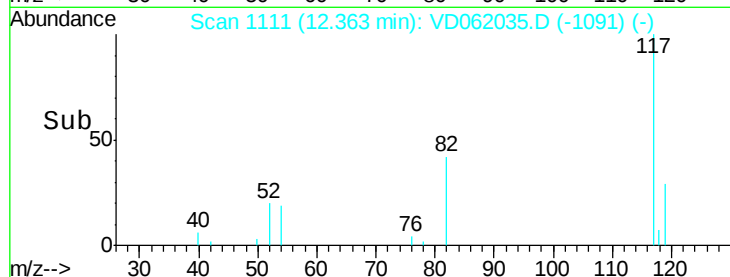
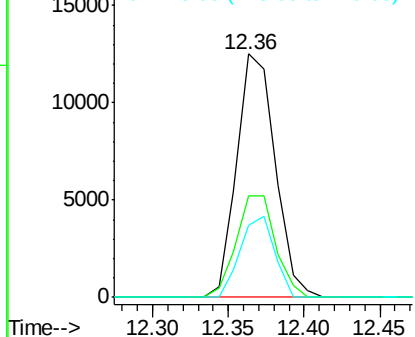
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD062035.D
 Acq: 25 Apr 2019 13:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-2RE

Tot Ion:117 Resp: 22164
 Ion Ratio Lower Upper
 117 100
 82 41.7 36.2 54.2
 119 29.5 26.2 39.4

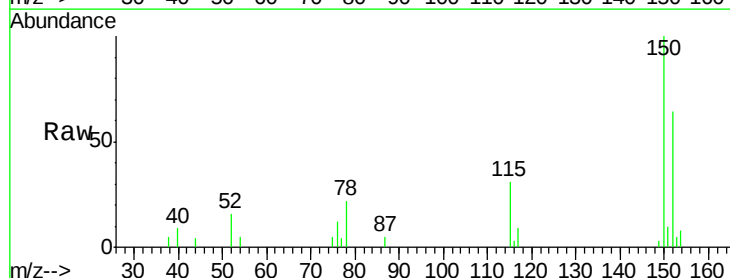


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062035.D
 Acq: 25 Apr 2019 13:26

Tgt Ion:152 Resp: 8098
 Ion Ratio Lower Upper
 152 100
 115 48.2 30.9 92.7
 150 156.8 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

