

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062987.D
 Acq On : 1 Jul 2019 13:53
 Operator : VA/AP
 Sample : K3576-02
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Jul 02 07:53:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	852651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1204656	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	858721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	292934	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	486899	52.53	ug/l	-0.01
Spiked Amount						
			Recovery	=	105.06%	
35) Dibromofluoromethane	6.92	113	510671	50.27	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.54%	
50) Toluene-d8	10.40	98	989344	44.75	ug/l	-0.01
Spiked Amount						
			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	13.55	95	313455	31.18	ug/l	0.00
Spiked Amount						
			Recovery	=	62.36%	

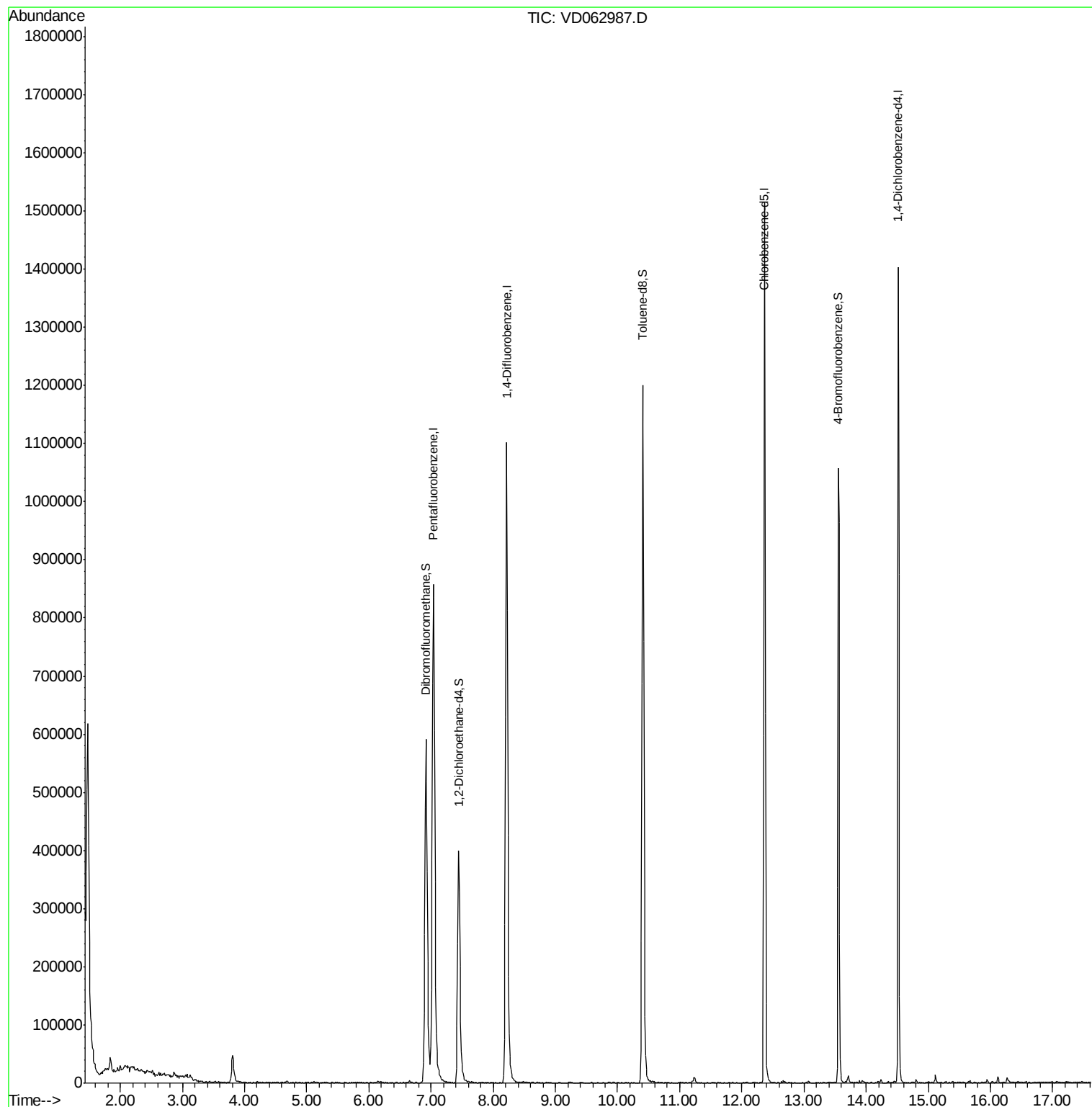
Target Compounds	Qvalue

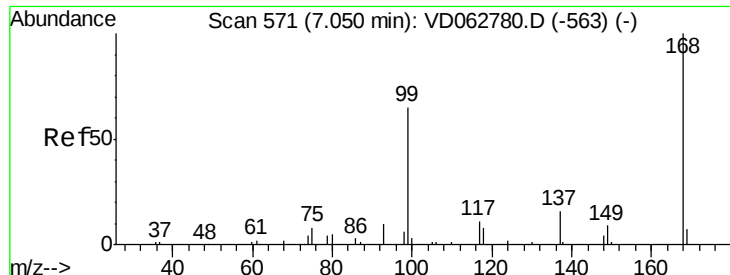
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062987.D

Acq: 1 Jul 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

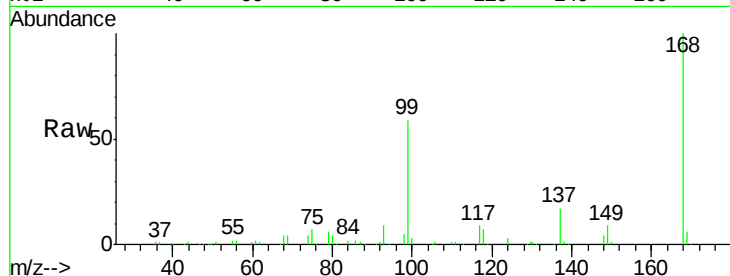
SP-1

Tot Ion:168 Resp: 852651

Ion Ratio Lower Upper

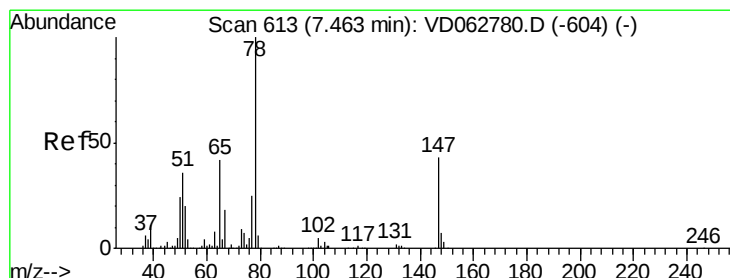
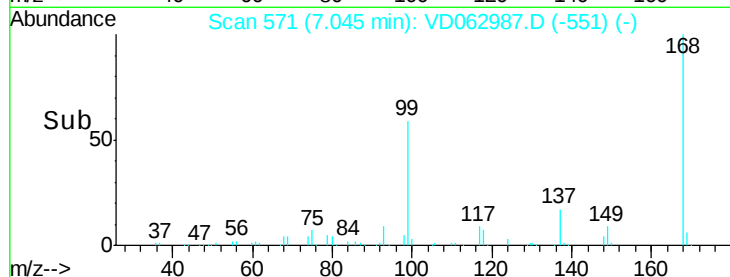
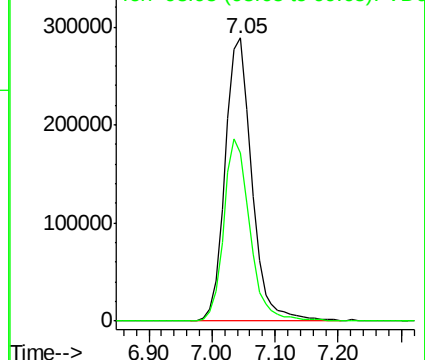
168 100

99 59.4 53.0 79.6



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: 52.534 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062987.D

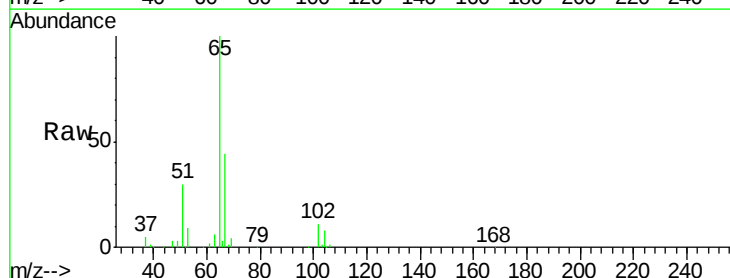
Acq: 1 Jul 2019 13:53

Tgt Ion: 65 Resp: 486899

Ion Ratio Lower Upper

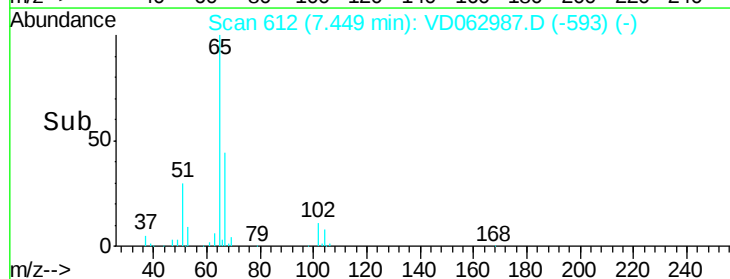
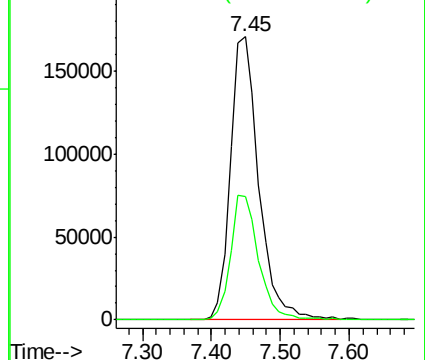
65 100

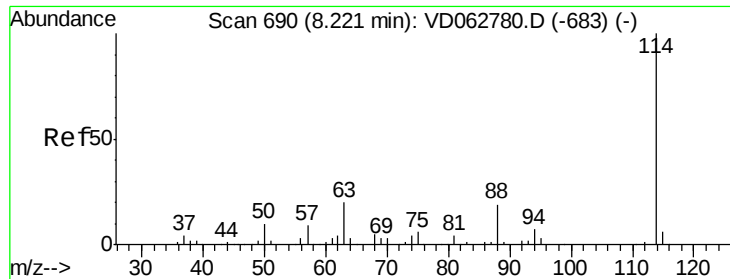
67 43.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

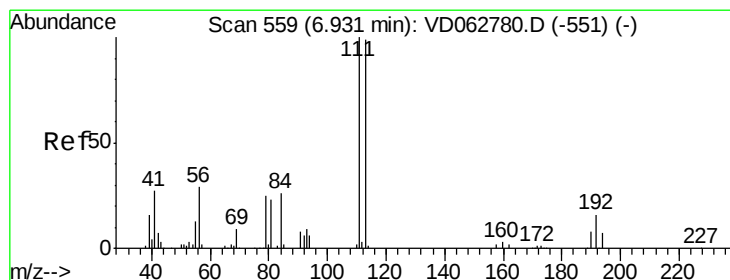
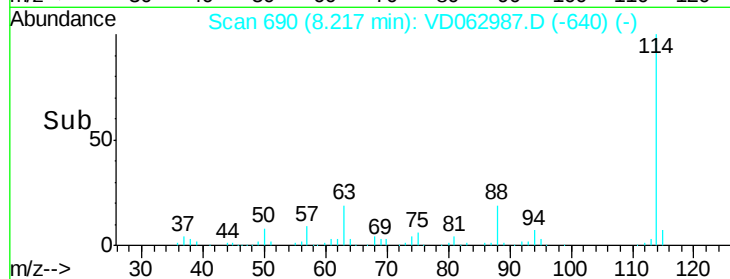
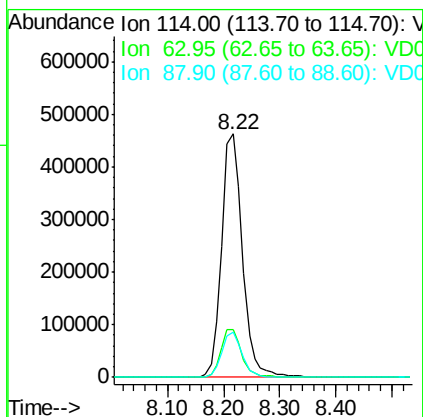
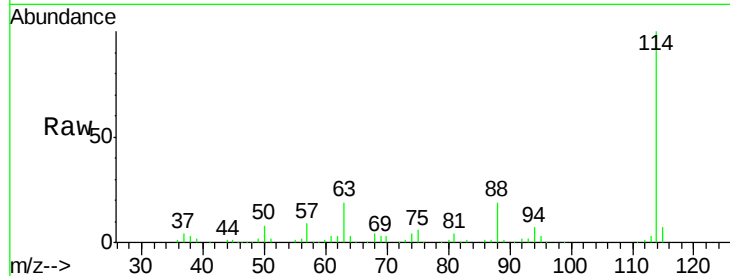




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062987.D
 Acq: 1 Jul 2019 13:53

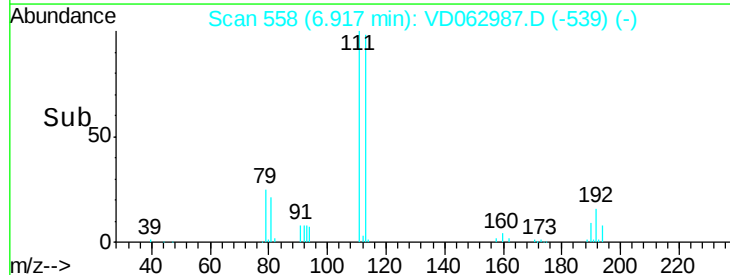
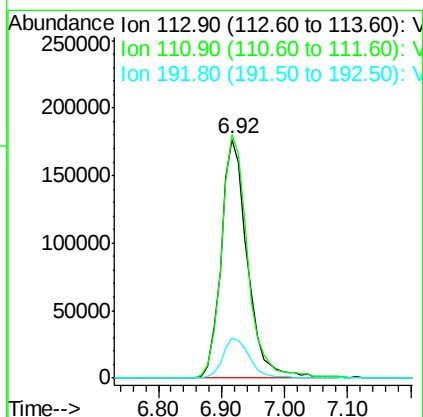
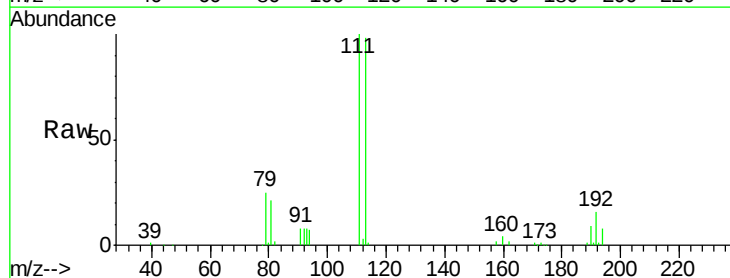
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Tot Ion:114 Resp: 1204656
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 18.7 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 50.275 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062987.D
 Acq: 1 Jul 2019 13:53

Tgt Ion:113 Resp: 510671
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 16.6 12.9 19.3

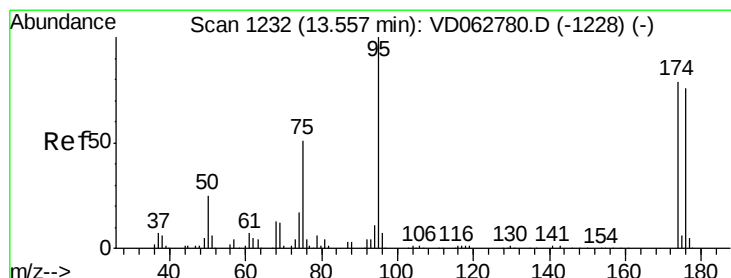
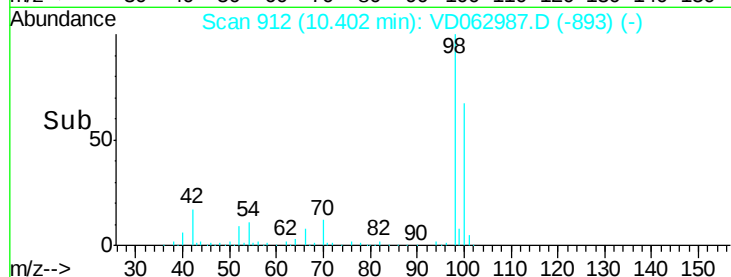
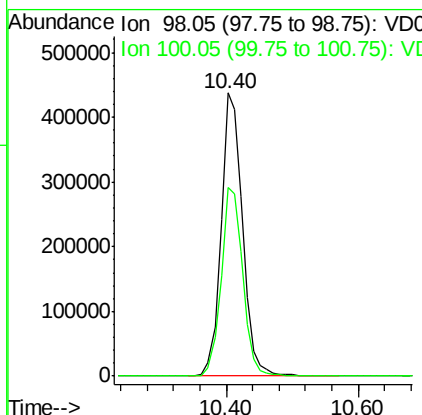
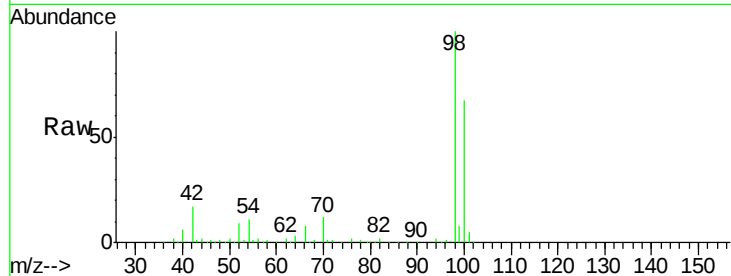




#50
Toluene-d8
Concen: 44.751 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

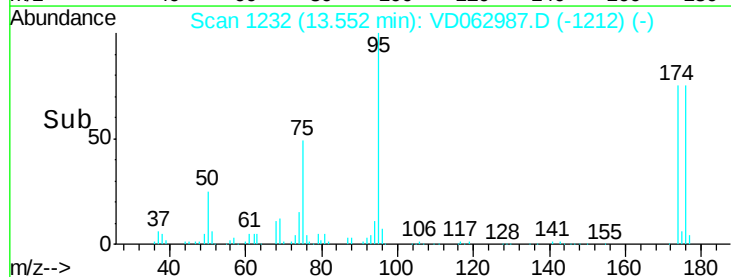
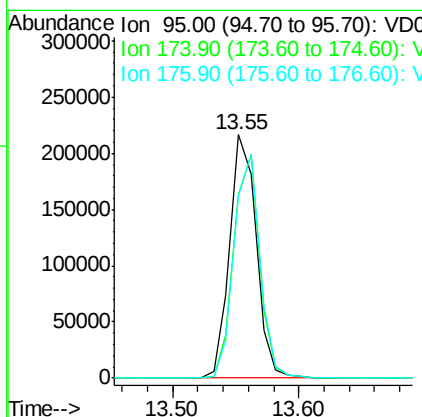
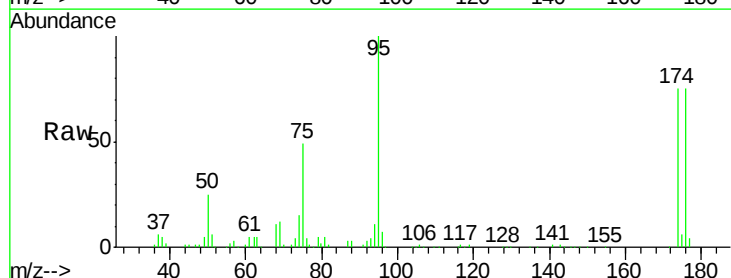
Instrument :
MSVOA_D
ClientSampleId :
SP-1

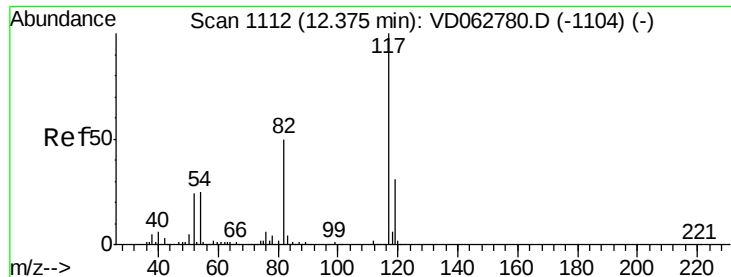
Tot Ion: 98 Resp: 989344
Ion Ratio Lower Upper
98 100
100 66.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 31.182 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion: 95 Resp: 313455
Ion Ratio Lower Upper
95 100
174 75.5 0.0 158.0
176 74.7 0.0 151.6

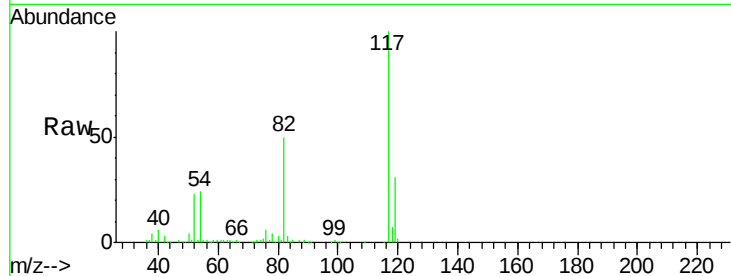




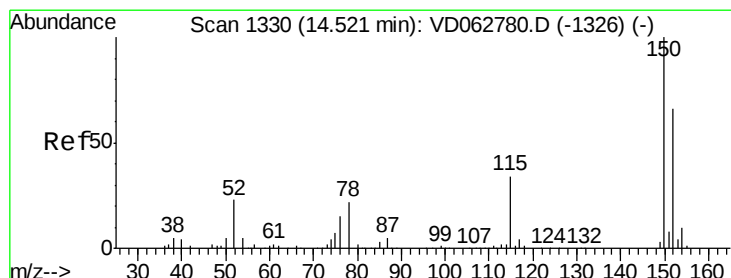
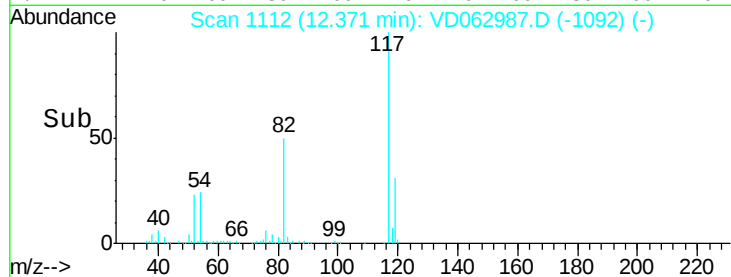
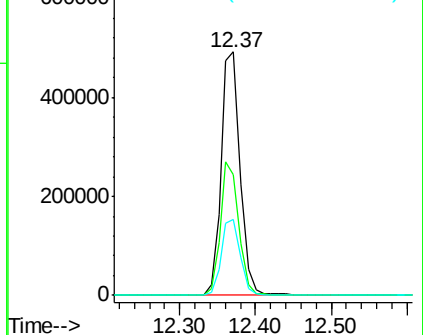
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tot Ion:117 Resp: 858721
Ion Ratio Lower Upper
117 100
82 49.8 40.4 60.6
119 31.1 25.2 37.8

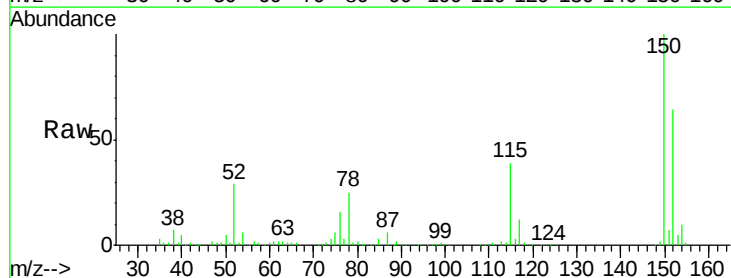


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062987.D
Acq: 1 Jul 2019 13:53

Tgt Ion:152 Resp: 292934
Ion Ratio Lower Upper
152 100
115 62.0 29.2 87.6
150 157.0 0.0 305.8



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

