

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062949.D
 Acq On : 28 Jun 2019 1:33
 Operator : VA/AP
 Sample : VD0627SBL03
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL03

Quant Time: Jun 28 05:28:15 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	7.02	168	775650	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1066105	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	874863	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	504459	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	435191	51.62	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	6.90	113	461931	51.39	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.38	98	945281	48.31	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	13.54	95	422544	47.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.00%	

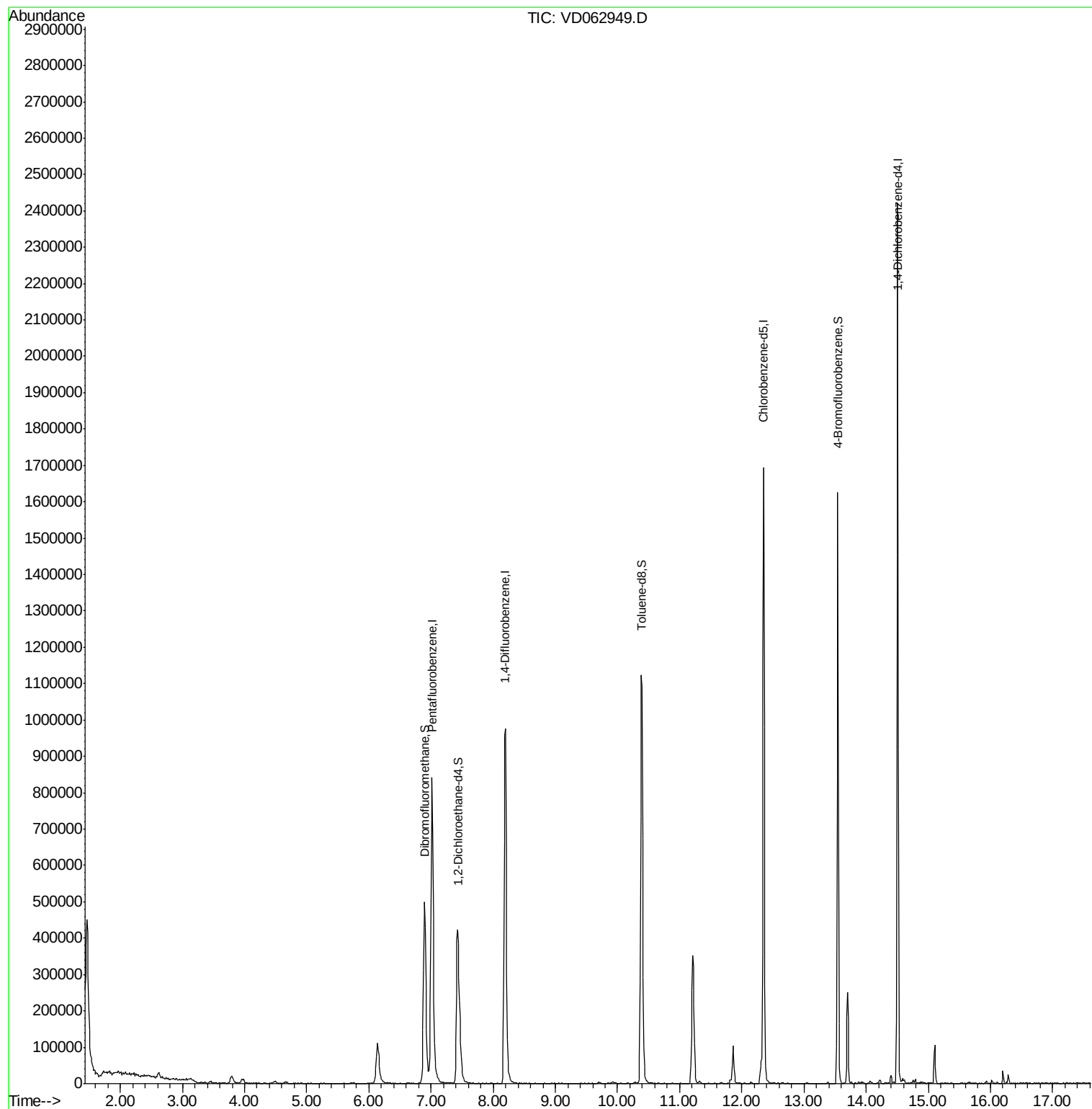
Target Compounds	Qvalue

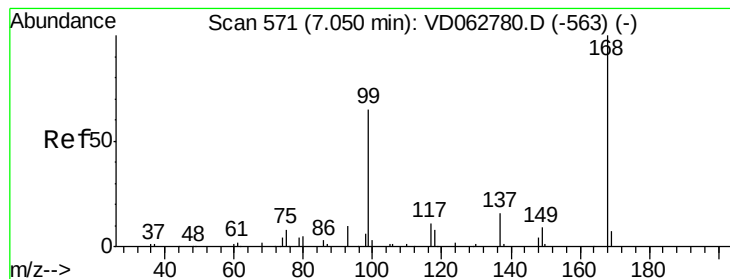
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062949.D

Acq: 28 Jun 2019 1:33

Instrument :

MSVOA_D

ClientSampleId :

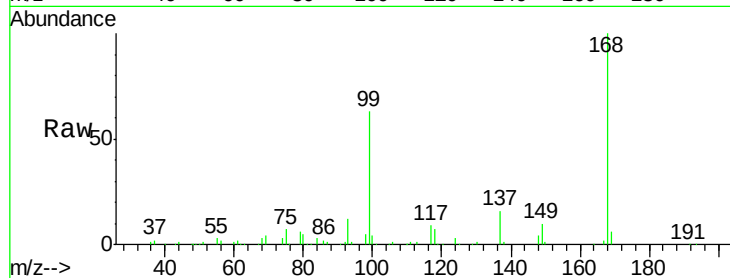
VD0627SBL03

Tot Ion:168 Resp: 775650

Ion Ratio Lower Upper

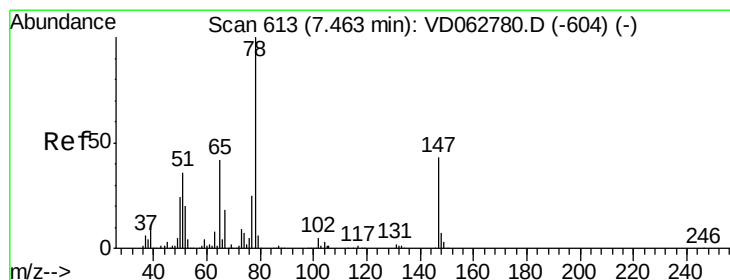
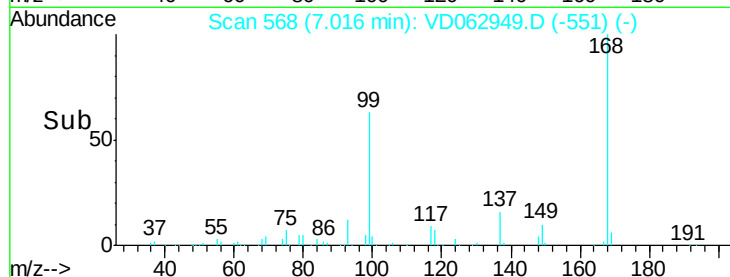
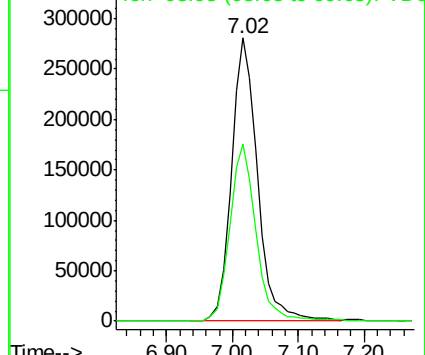
168 100

99 62.5 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: 51.617 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062949.D

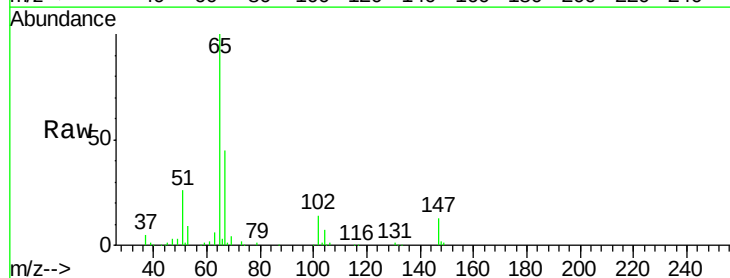
Acq: 28 Jun 2019 1:33

Tgt Ion: 65 Resp: 435191

Ion Ratio Lower Upper

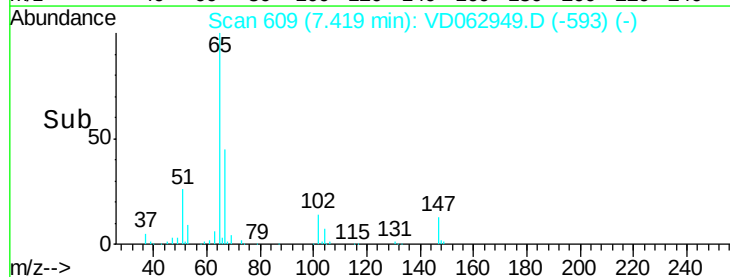
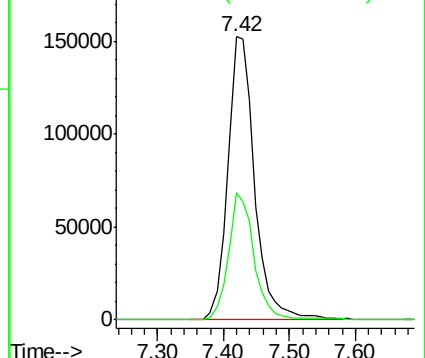
65 100

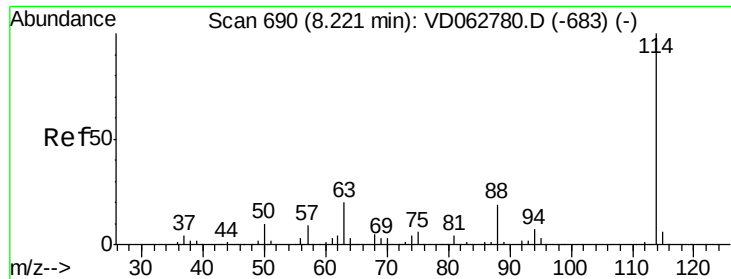
67 45.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

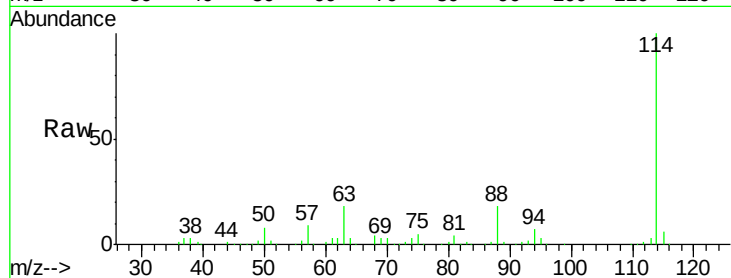




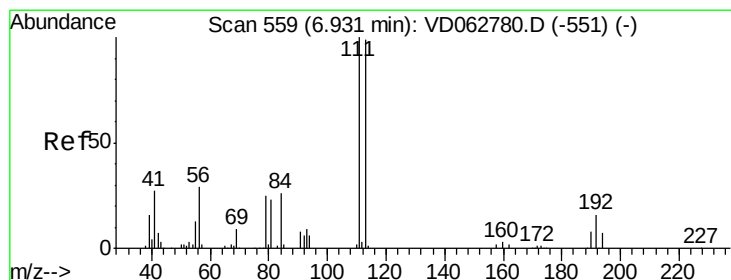
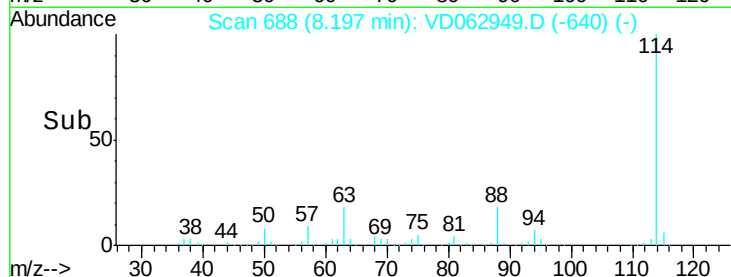
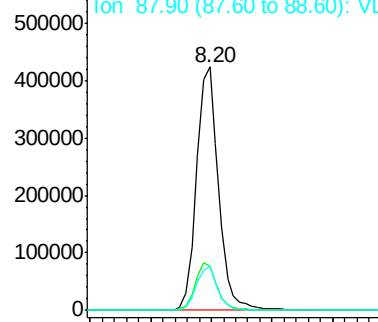
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062949.D
 Acq: 28 Jun 2019 1:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL03

Tot Ion:114 Resp: 1066105
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 17.9 0.0 38.8

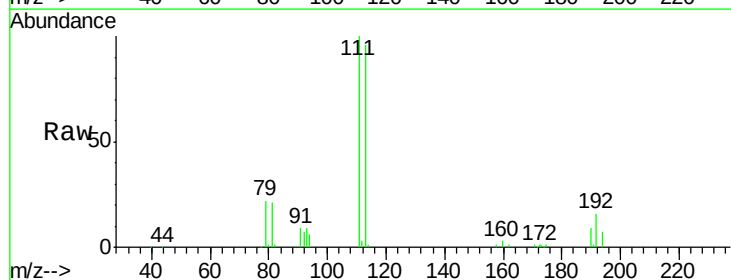


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

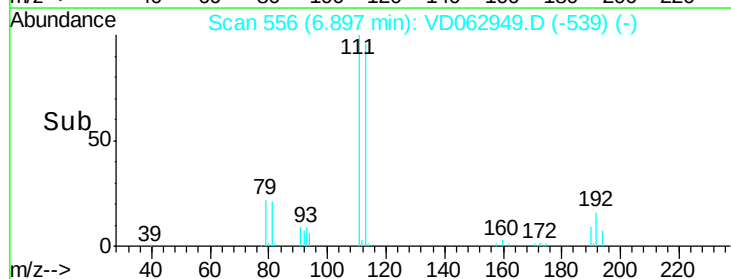
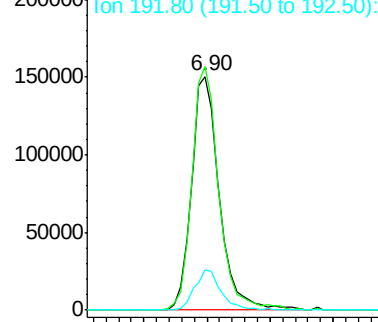


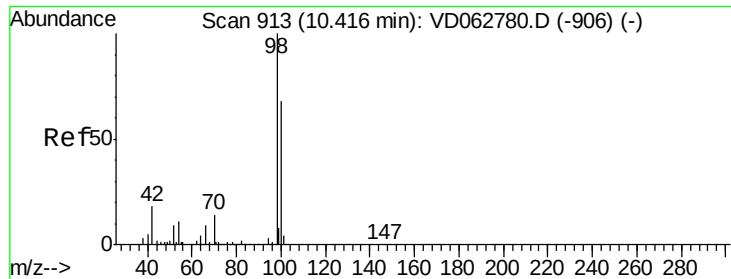
#35
 Dibromofluoromethane
 Concen: 51.386 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062949.D
 Acq: 28 Jun 2019 1:33

Tgt Ion:113 Resp: 461931
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.2 121.8
 192 16.9 12.9 19.3



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

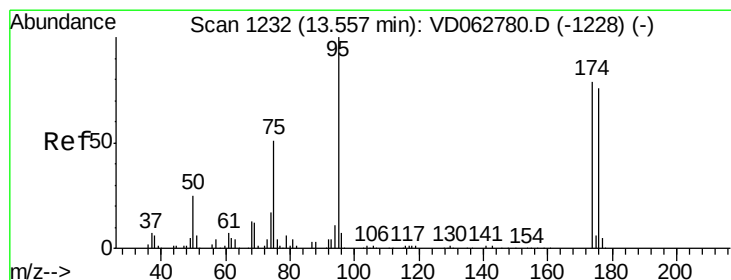
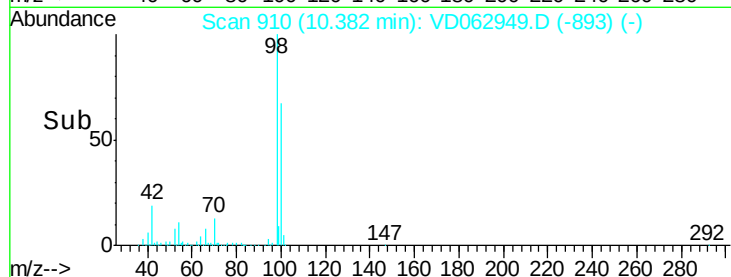
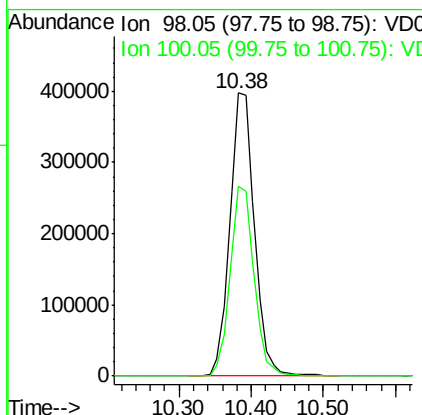
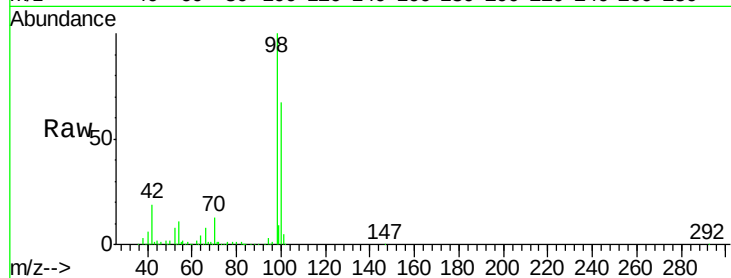




#50
Toluene-d8
Concen: 48.315 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062949.D
Acq: 28 Jun 2019 1:33

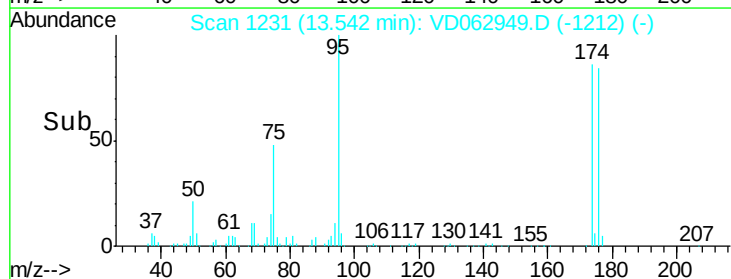
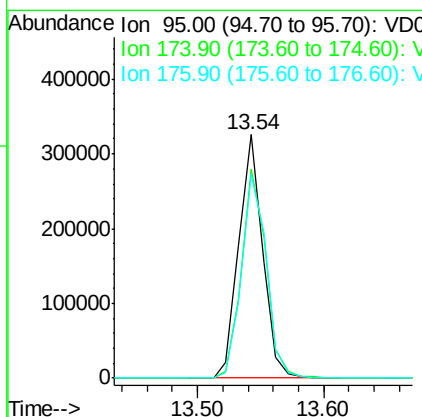
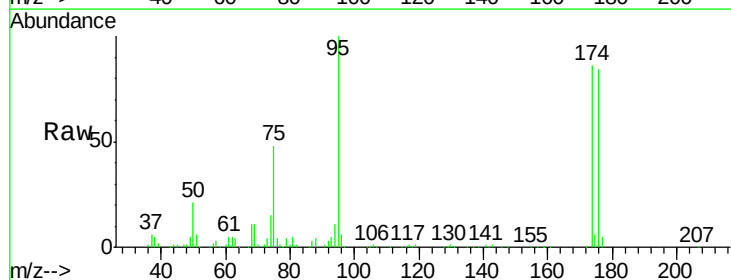
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL03

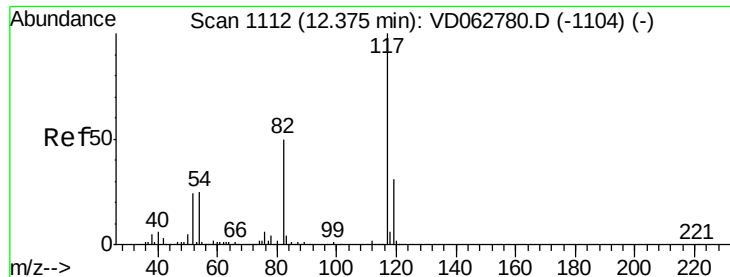
Tot Ion: 98 Resp: 945281
Ion Ratio Lower Upper
98 100
100 67.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 47.496 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062949.D
Acq: 28 Jun 2019 1:33

Tgt Ion: 95 Resp: 422544
Ion Ratio Lower Upper
95 100
174 86.0 0.0 158.0
176 83.9 0.0 151.6

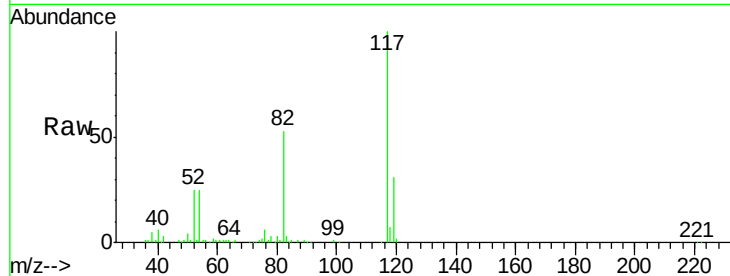




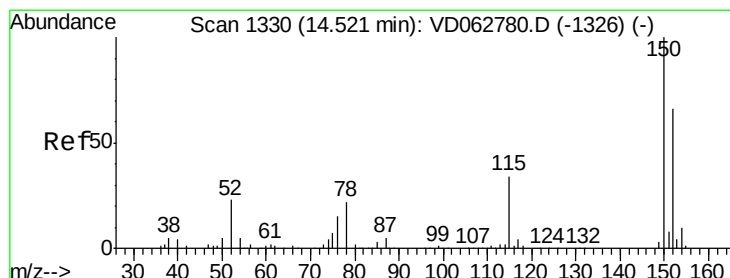
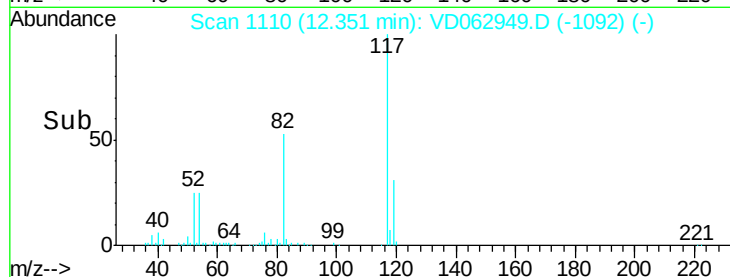
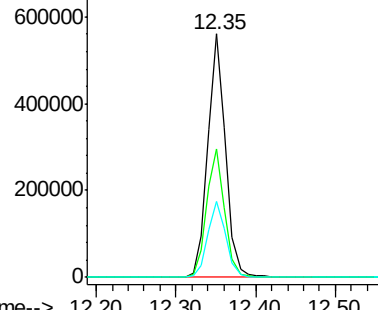
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062949.D
Acq: 28 Jun 2019 1:33

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL03

Tot Ion:117 Resp: 874863
Ion Ratio Lower Upper
117 100
82 52.5 40.4 60.6
119 31.3 25.2 37.8

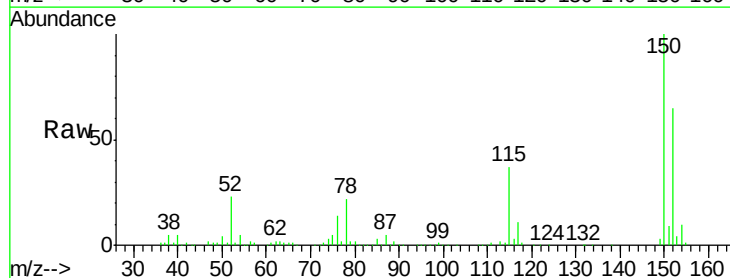


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062949.D
Acq: 28 Jun 2019 1:33

Tgt Ion:152 Resp: 504459
Ion Ratio Lower Upper
152 100
115 57.6 29.2 87.6
150 153.9 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

