

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062770.D
 Acq On : 19 Jun 2019 3:18
 Operator : VA/AP
 Sample : K3158-03
 Misc : 6.56g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-061719

Quant Time: Jun 19 07:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	795479	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1100853	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	814156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	359120	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	454399	39.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	79.18%		
35) Dibromofluoromethane	6.92	113	481168	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	82.88%		
50) Toluene-d8	10.42	98	889029	36.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	72.80%		
62) 4-Bromofluorobenzene	13.56	95	376263	33.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	66.04%		

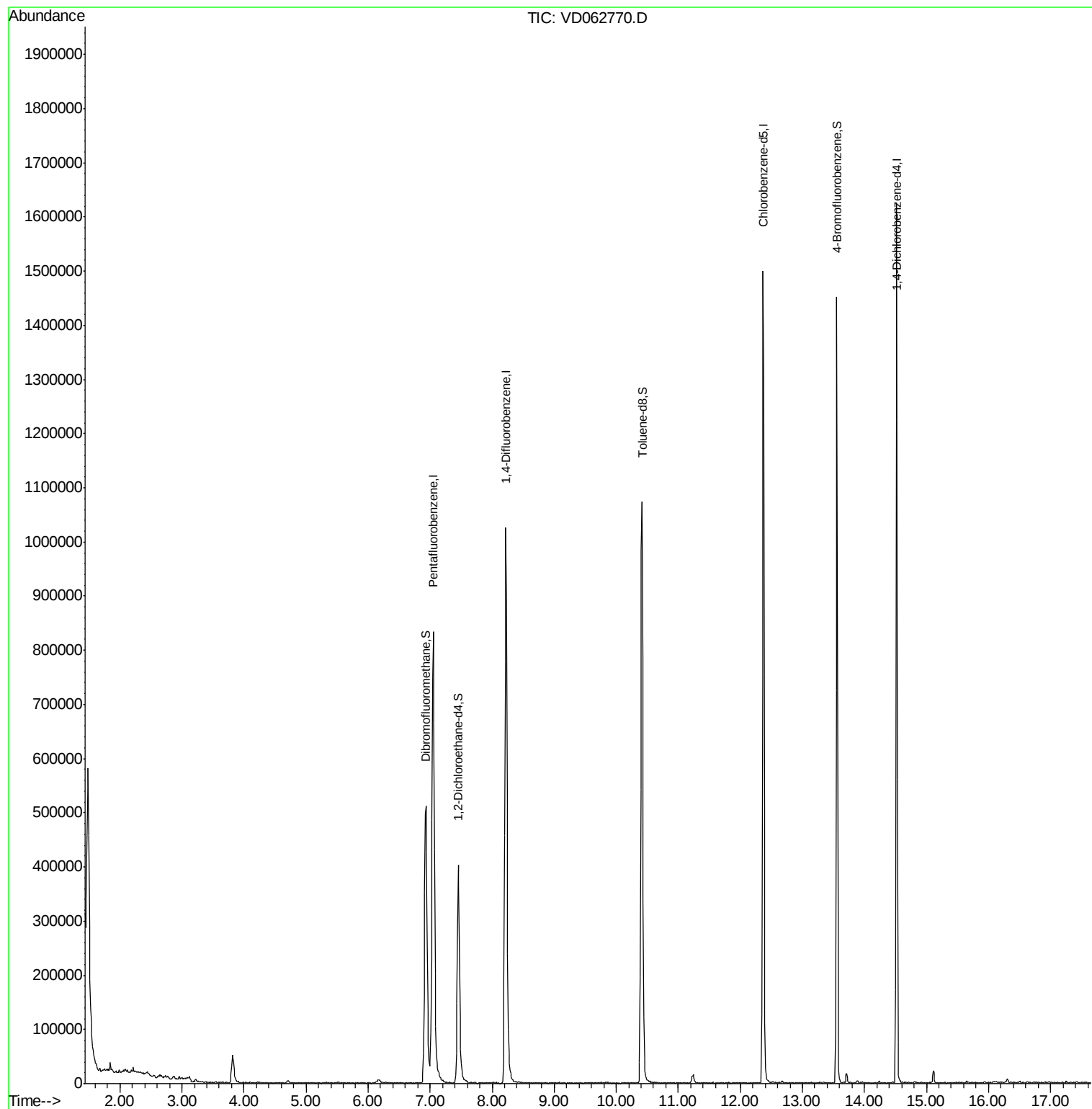
Target Compounds	Qvalue
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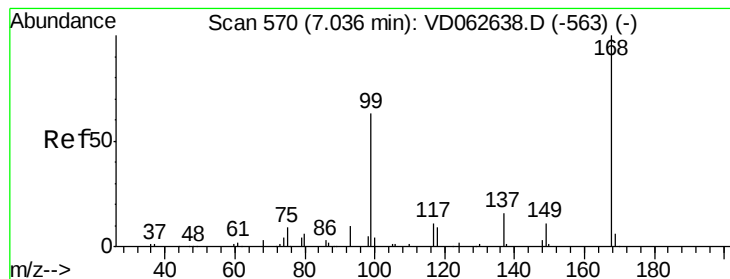
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062770.D

Acq: 19 Jun 2019 3:18

Instrument :

MSVOA_D

ClientSampleId :

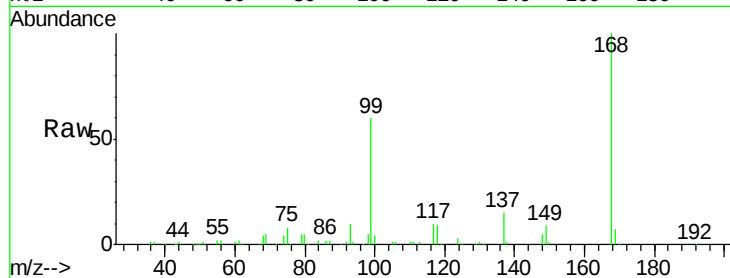
OK-01-061719

Tot Ion:168 Resp: 795479

Ion Ratio Lower Upper

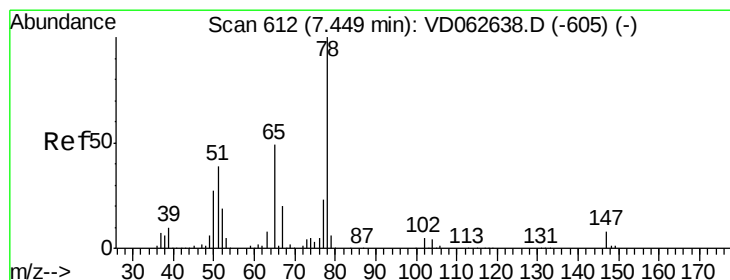
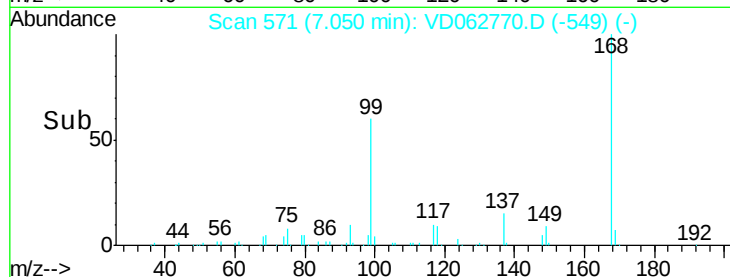
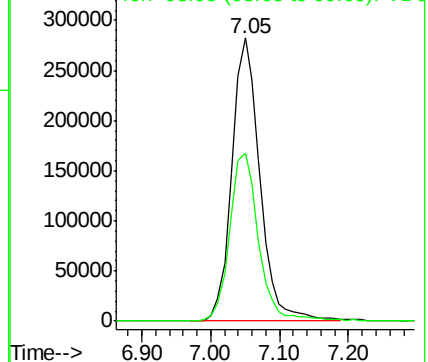
168 100

99 59.6 51.4 77.2



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: 39.586 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062770.D

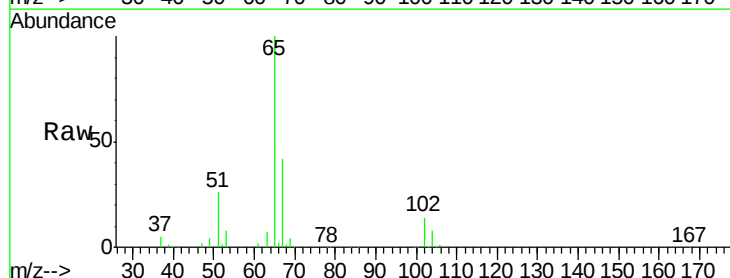
Acq: 19 Jun 2019 3:18

Tgt Ion: 65 Resp: 454399

Ion Ratio Lower Upper

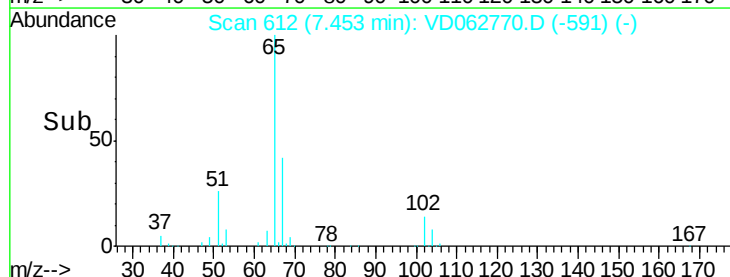
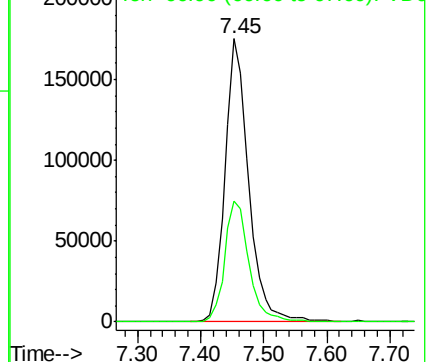
65 100

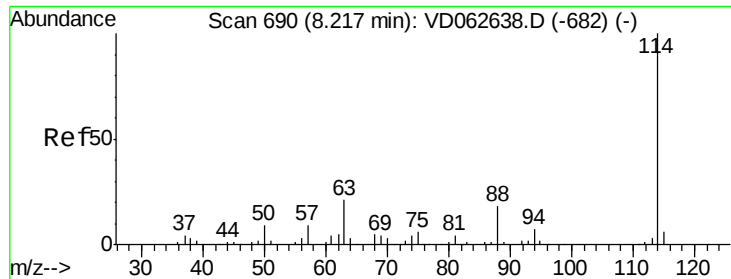
67 42.5 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

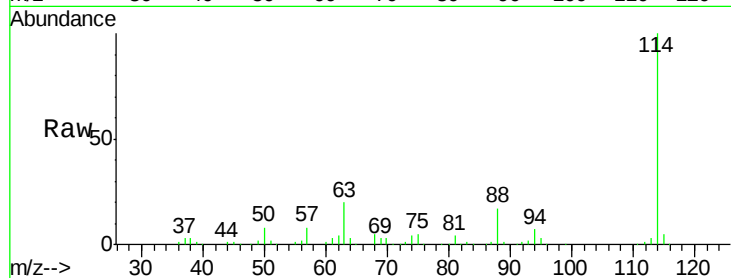




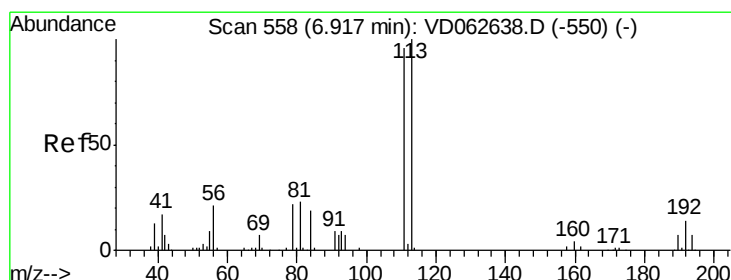
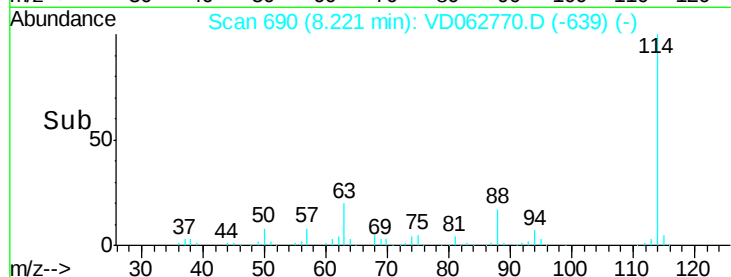
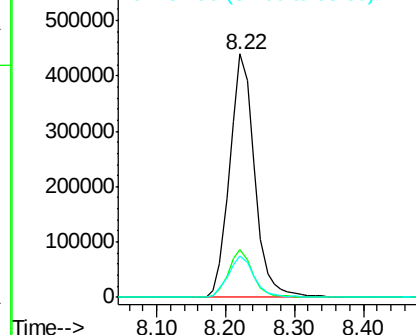
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

Instrument :
MSVOA_D
ClientSampleId :
OK-01-061719

Tot Ion:114 Resp: 1100853
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 17.2 0.0 36.8

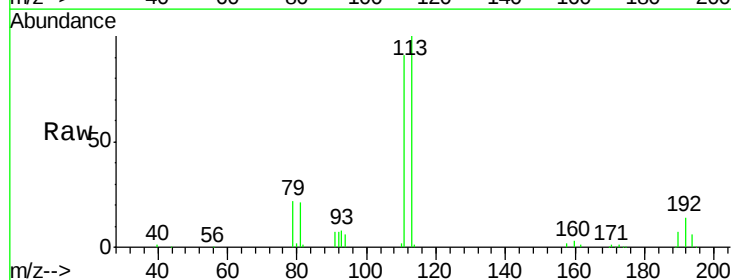


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

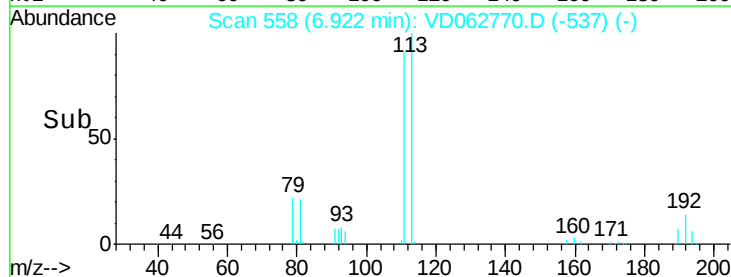
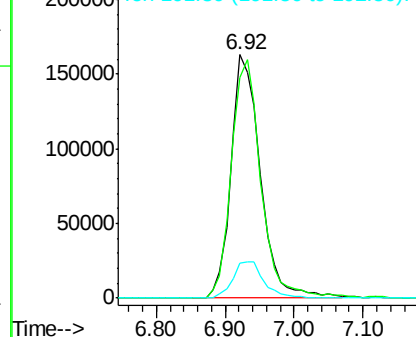


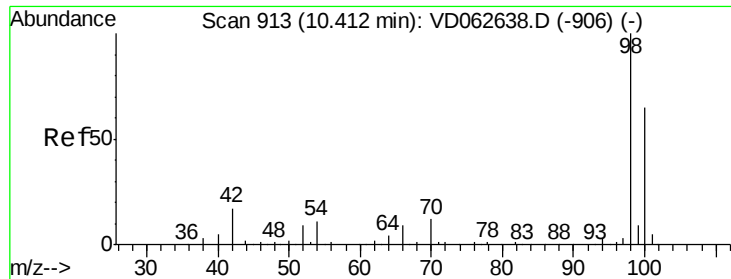
#35
Dibromofluoromethane
Concen: 41.444 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

Tgt Ion:113 Resp: 481168
Ion Ratio Lower Upper
113 100
111 90.6 76.4 114.6
192 14.1 11.4 17.0



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

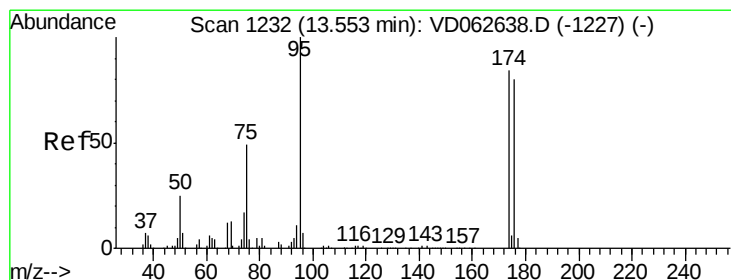
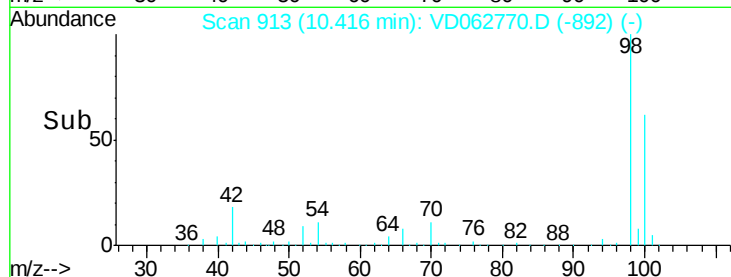
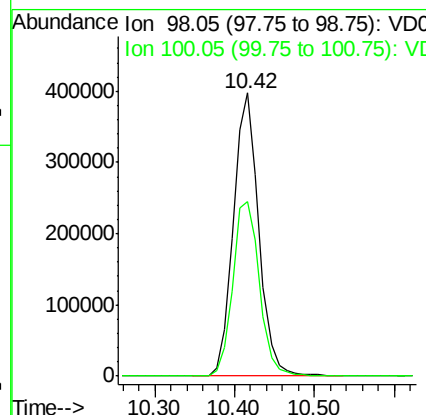
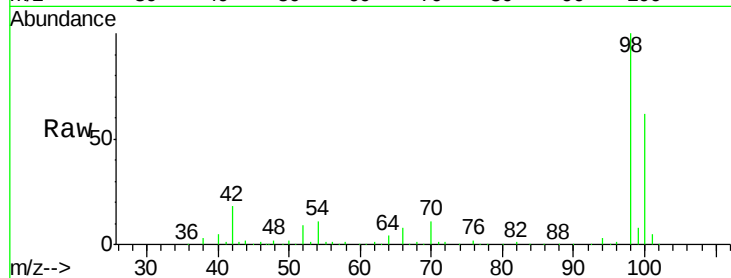




#50
Toluene-d8
Concen: 36.401 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

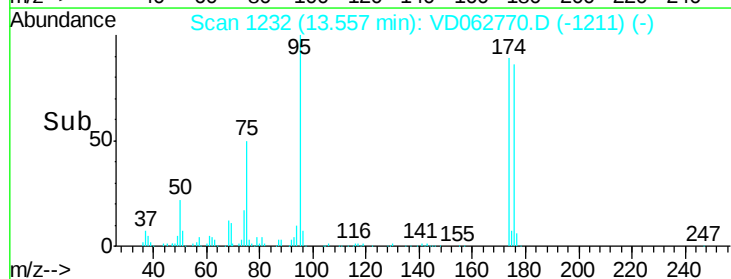
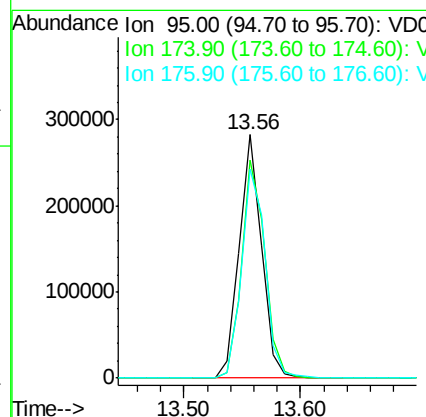
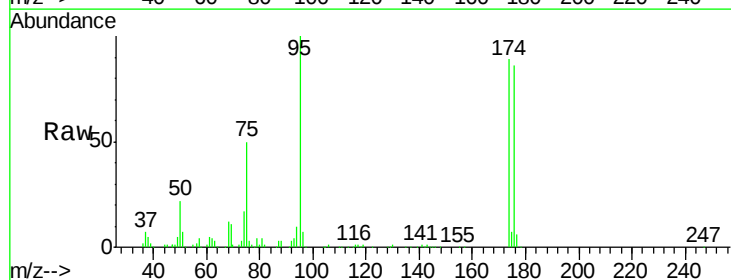
Instrument :
MSVOA_D
ClientSampleId :
OK-01-061719

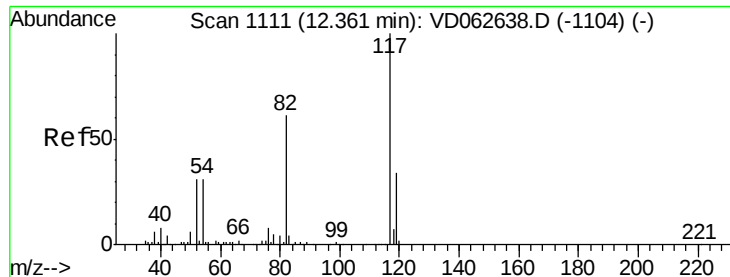
Tot Ion: 98 Resp: 889029
Ion Ratio Lower Upper
98 100
100 61.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.022 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

Tgt Ion: 95 Resp: 376263
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.0
176 85.7 0.0 159.2

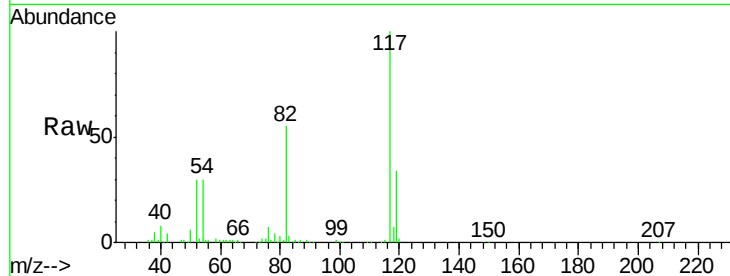




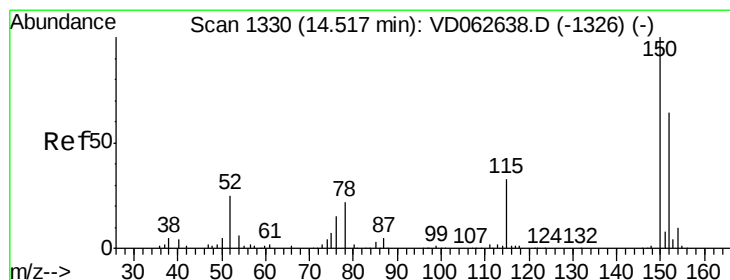
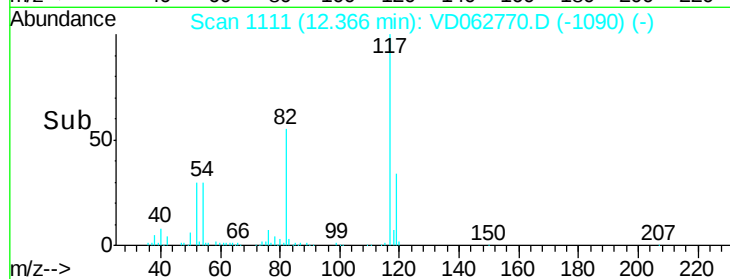
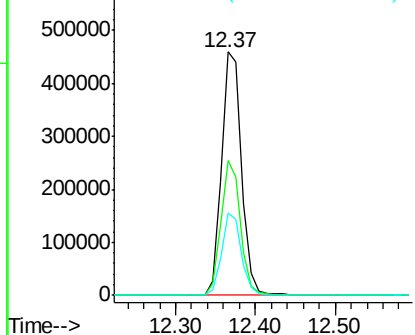
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

Instrument :
MSVOA_D
ClientSampleId :
OK-01-061719

Tot Ion:117 Resp: 814156
Ion Ratio Lower Upper
117 100
82 55.3 48.7 73.1
119 33.6 27.0 40.6

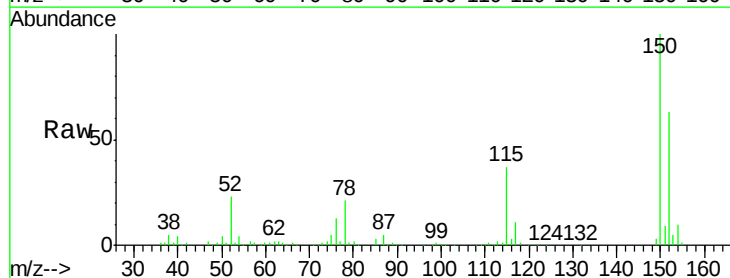


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062770.D
Acq: 19 Jun 2019 3:18

Tgt Ion:152 Resp: 359120
Ion Ratio Lower Upper
152 100
115 57.8 30.1 90.5
150 158.1 0.0 314.0



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

