

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063174.D
 Acq On : 22 Jul 2019 13:58
 Operator : VA/AP
 Sample : K3621-05
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-071919

Quant Time: Jul 23 08:10:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	763392	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1076379	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	724522	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	252638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	626015	65.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.66%	
35) Dibromofluoromethane	6.93	113	669330	62.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	124.86%	
50) Toluene-d8	10.42	98	1236394	53.69	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	13.56	95	410541	38.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.06%	

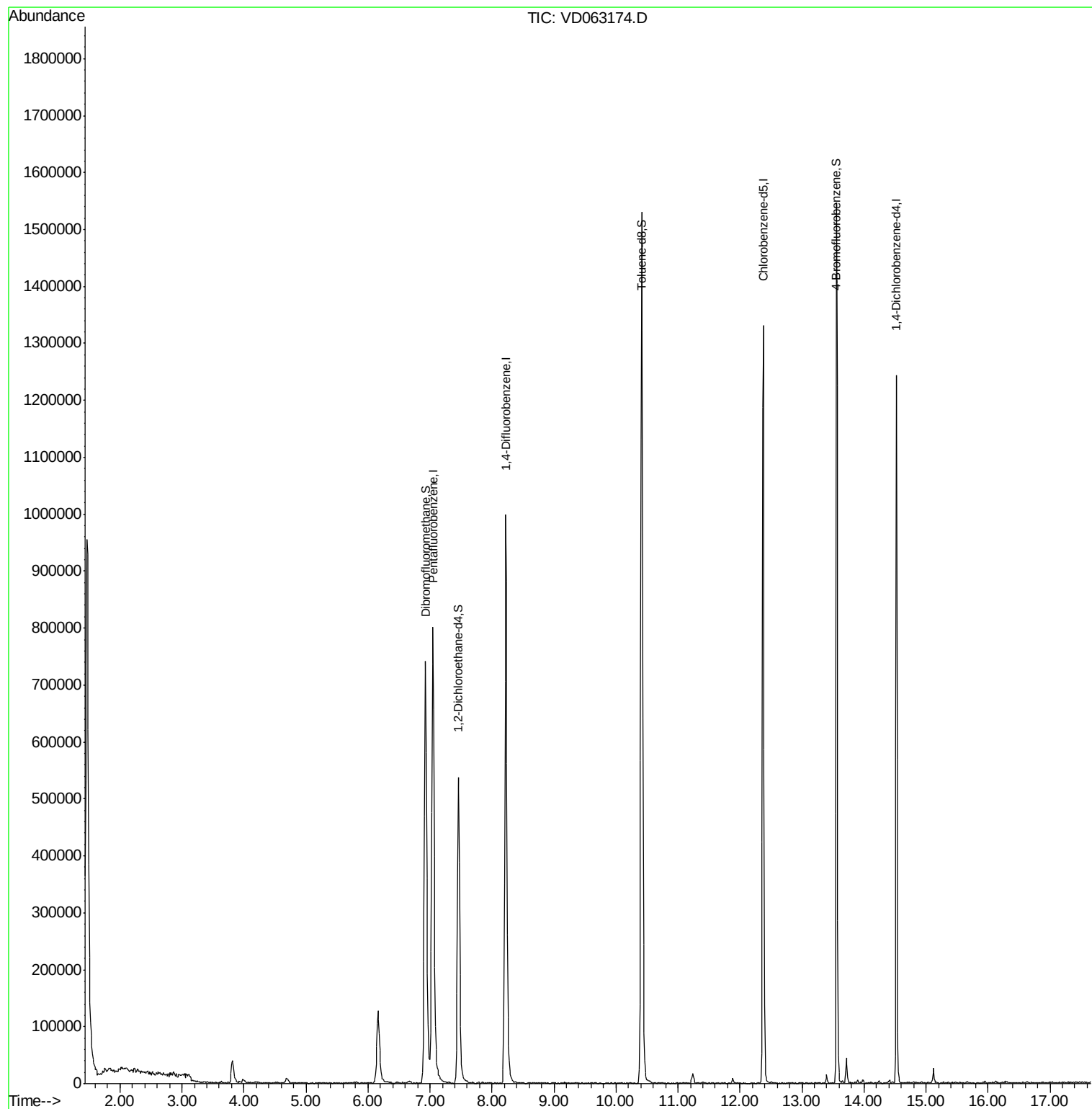
Target Compounds	Qvalue

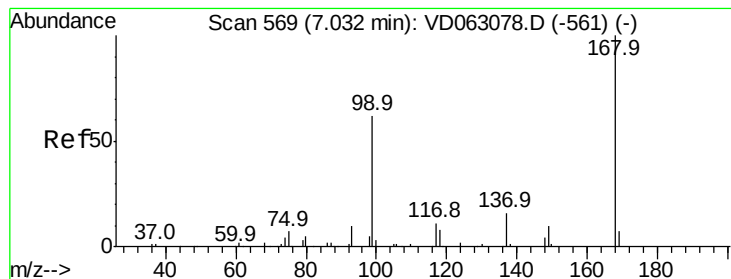
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD063174.D

Acq: 22 Jul 2019 13:58

Instrument :

MSVOA_D

ClientSampleId :

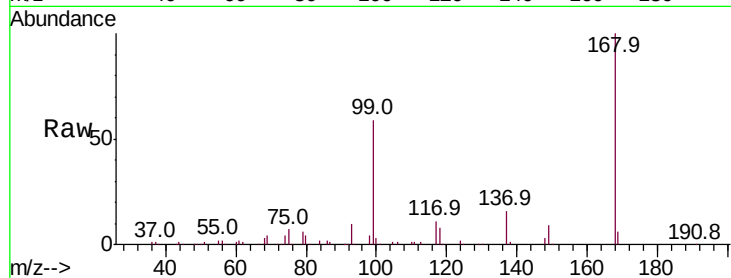
OK-02-071919

Tot Ion:168 Resp: 763392

Ion Ratio Lower Upper

168 100

99 59.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

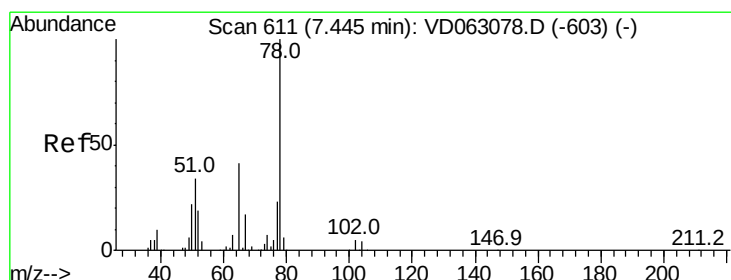
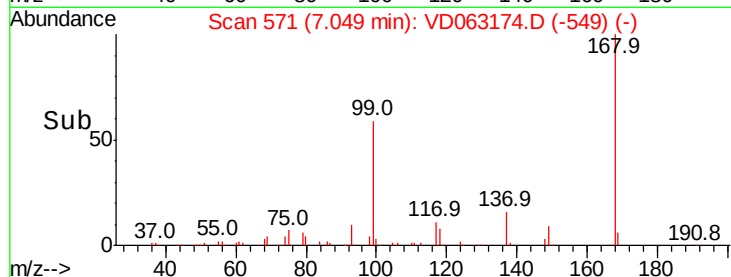
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.830 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063174.D

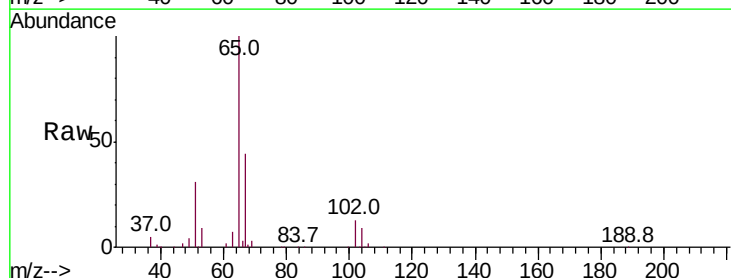
Acq: 22 Jul 2019 13:58

Tgt Ion: 65 Resp: 626015

Ion Ratio Lower Upper

65 100

67 44.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

250000

200000

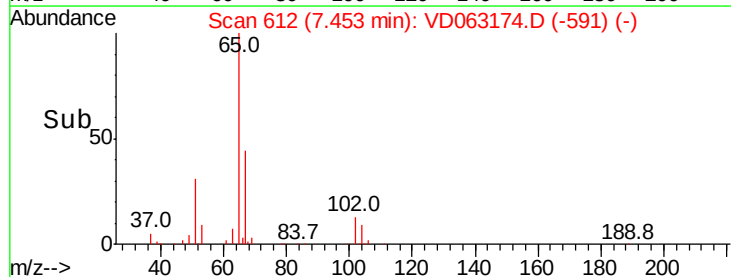
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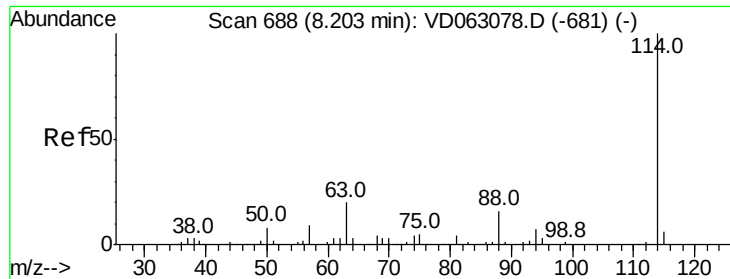
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50000

0

Time-->

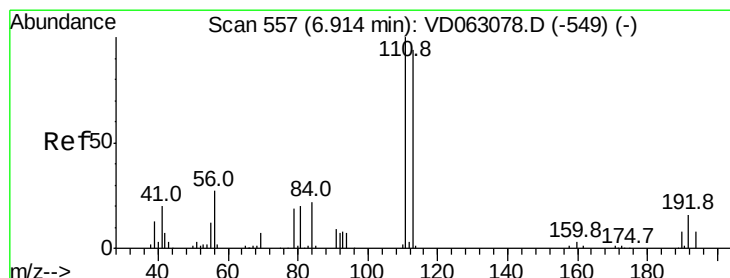
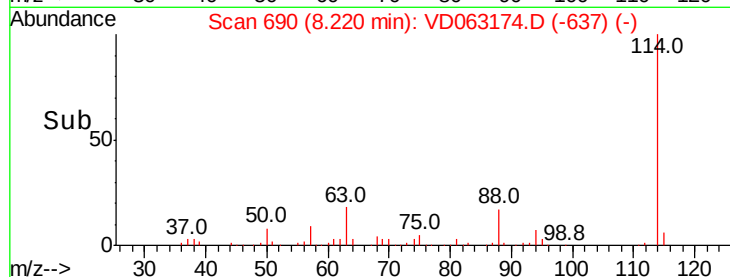
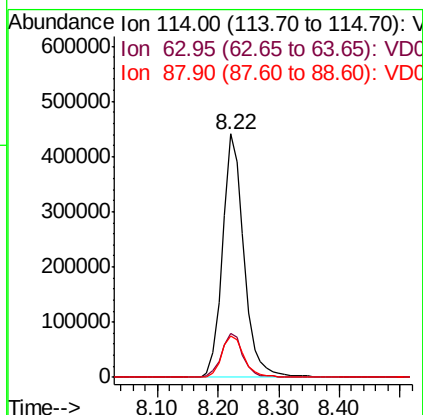
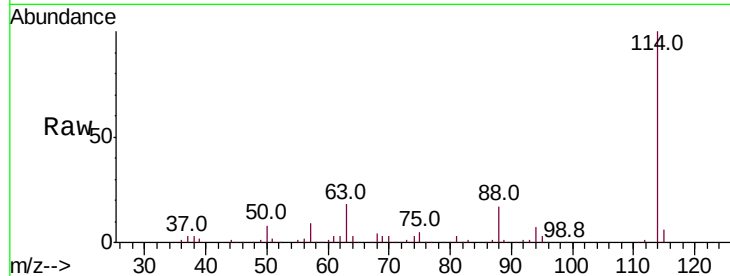




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD063174.D
 Acq: 22 Jul 2019 13:58

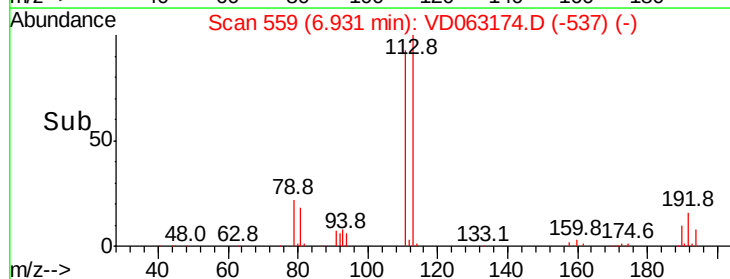
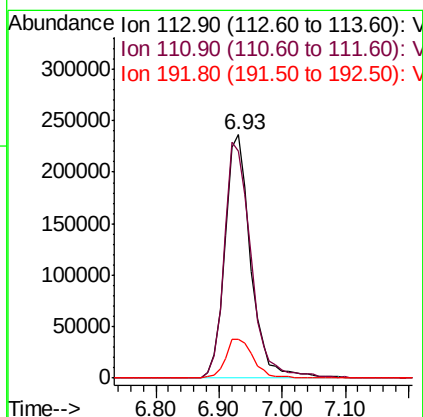
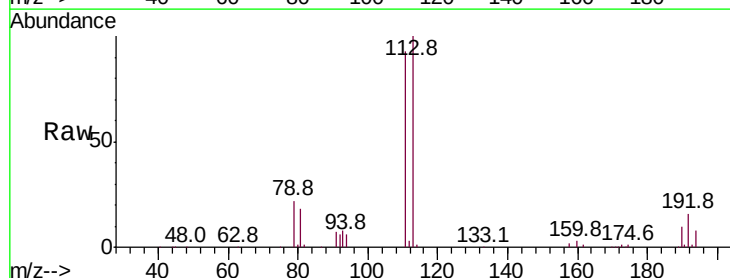
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-071919

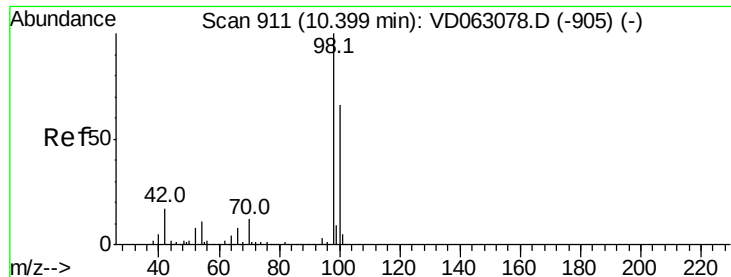
Tot Ion:114 Resp: 1076379
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 40.6
 88 17.2 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 62.432 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063174.D
 Acq: 22 Jul 2019 13:58

Tgt Ion:113 Resp: 669330
 Ion Ratio Lower Upper
 113 100
 111 93.3 84.8 127.2
 192 16.0 13.4 20.0

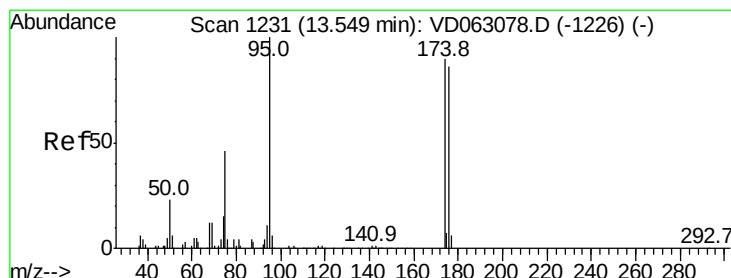
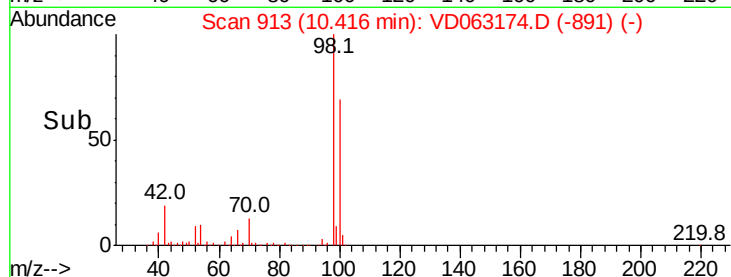
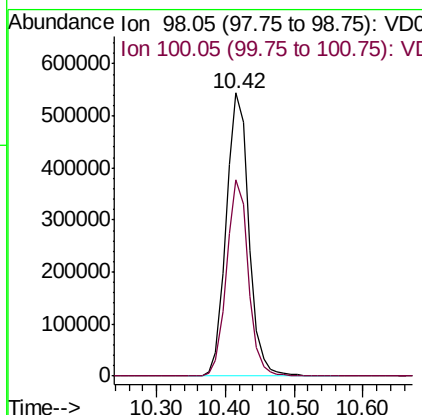
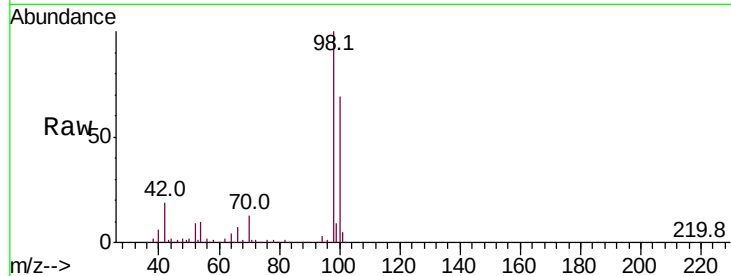




#50
Toluene-d8
Concen: 53.689 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD063174.D
Acq: 22 Jul 2019 13:58

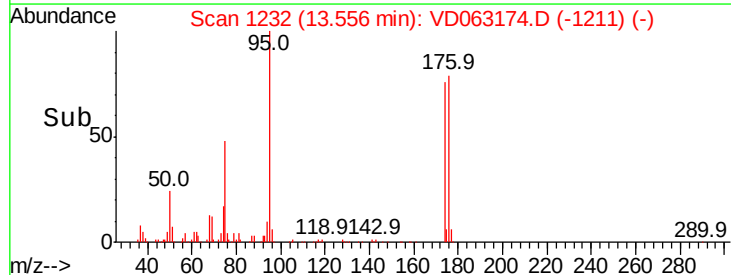
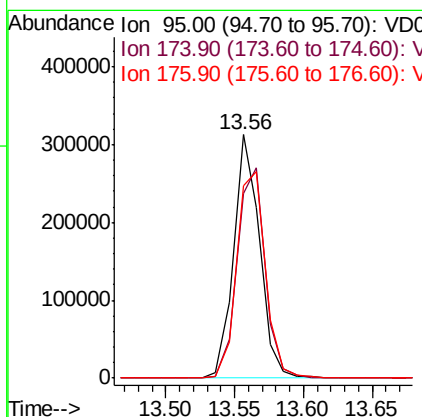
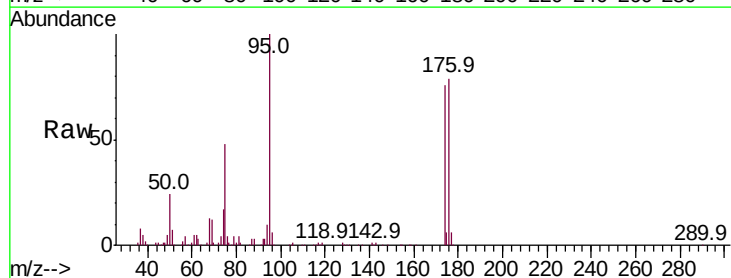
Instrument :
MSVOA_D
ClientSampleId :
OK-02-071919

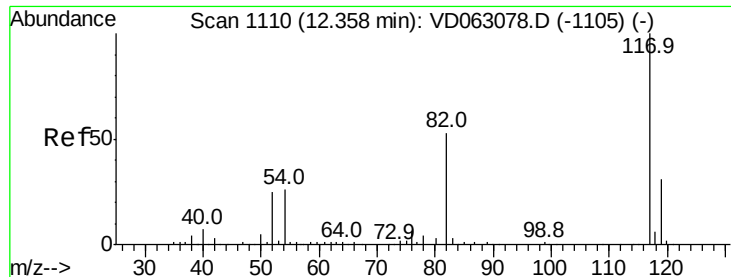
Tot Ion: 98 Resp: 1236394
Ion Ratio Lower Upper
98 100
100 69.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 38.534 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063174.D
Acq: 22 Jul 2019 13:58

Tgt Ion: 95 Resp: 410541
Ion Ratio Lower Upper
95 100
174 76.1 0.0 180.6
176 78.8 0.0 172.2

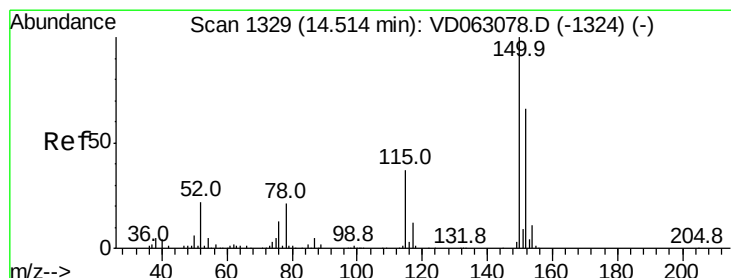
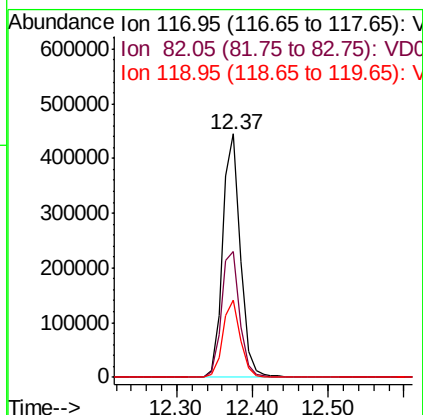
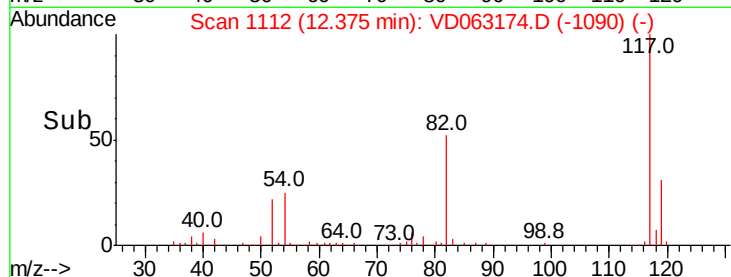
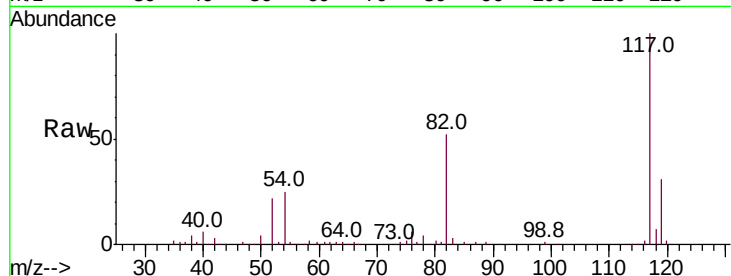




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD063174.D
Acq: 22 Jul 2019 13:58

Instrument :
MSVOA_D
ClientSampleId :
OK-02-071919

Tot Ion:117 Resp: 724522
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063174.D
Acq: 22 Jul 2019 13:58

Tgt Ion:152 Resp: 252638
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.8
150 156.2 0.0 313.8

