

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063434.D
 Acq On : 8 Aug 2019 13:21
 Operator : JC/SY
 Sample : K3613-01
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-080719-A

Quant Time: Aug 09 07:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

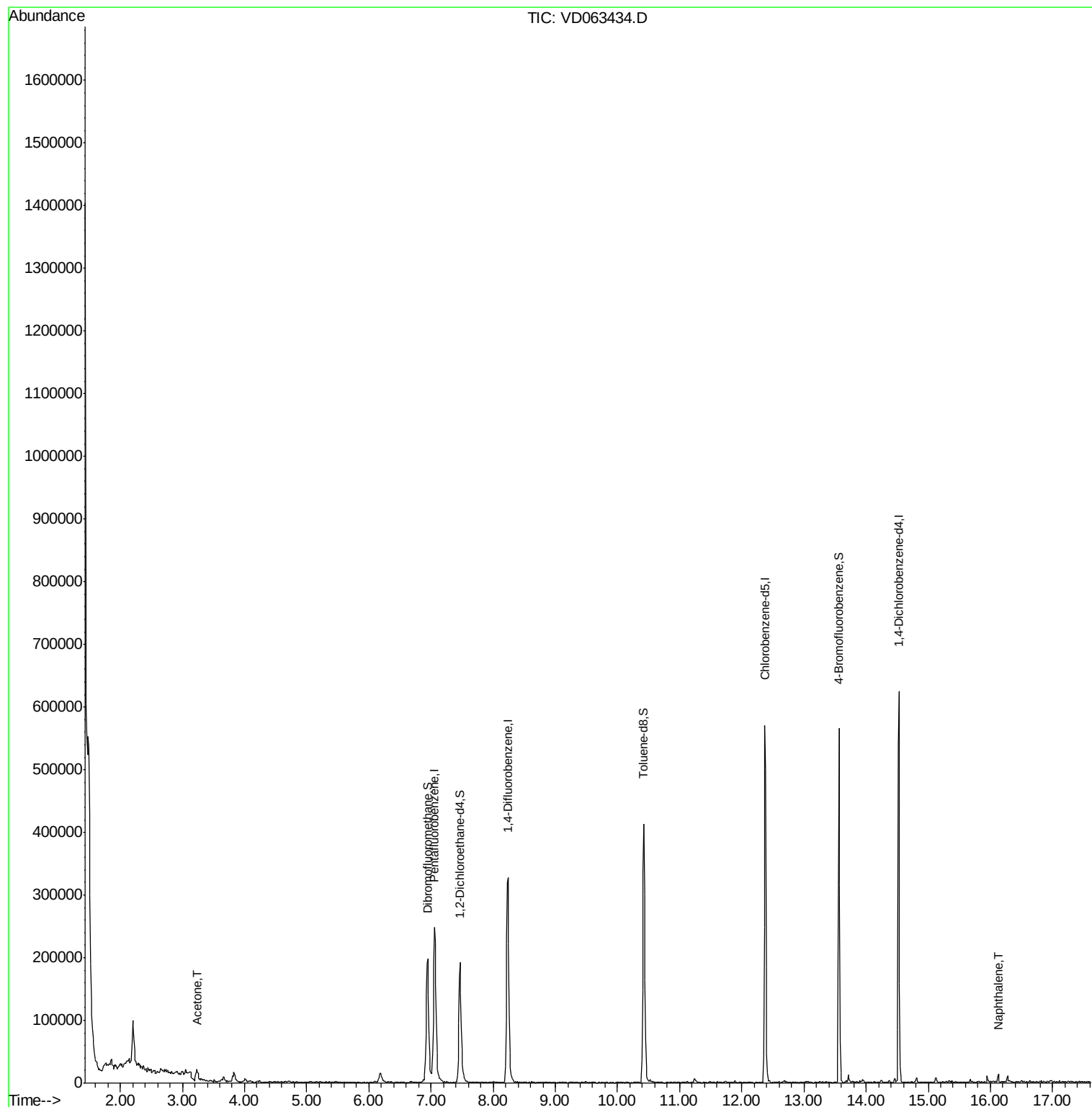
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	230312	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	369356	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	321055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	146243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	211333	82.70	ug/l	0.03
Spiked Amount 50.000			Recovery	=	165.40%	
35) Dibromofluoromethane	6.95	113	179211	56.83	ug/l	0.04
Spiked Amount 50.000			Recovery	=	113.66%	
50) Toluene-d8	10.42	98	328389	46.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	13.56	95	146299	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	3.24	43	36325	72.954	ug/l #	89
95) Naphthalene	16.13	128	9053	2.001	ug/l #	95

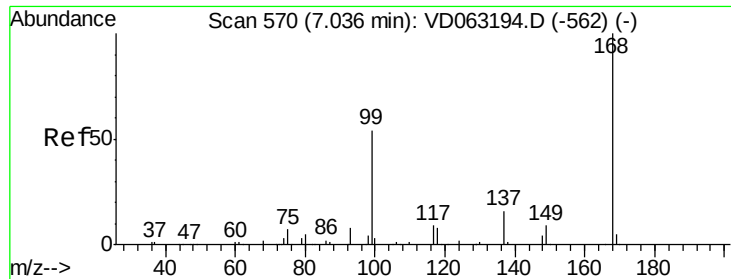
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063434.D

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MSVOA_D

ClientSampleId :

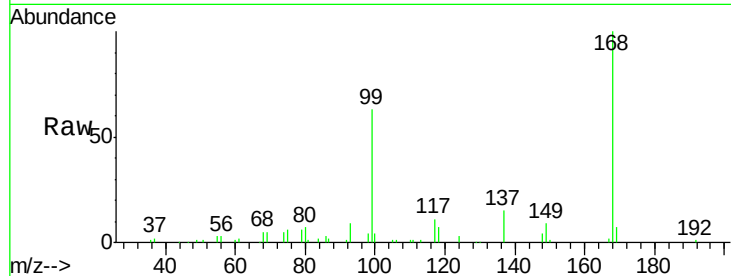
AU-05-080719-A

Tot Ion:168 Resp: 230312

Ion Ratio Lower Upper

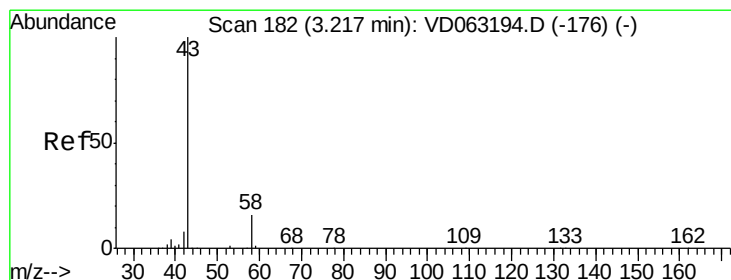
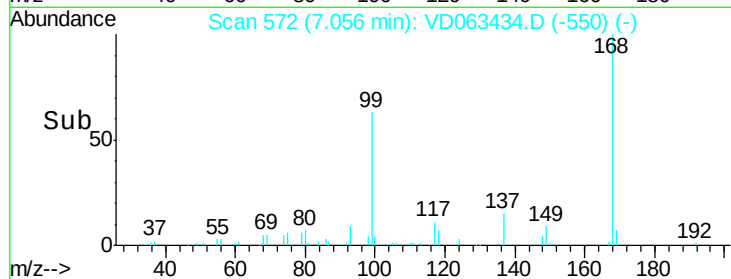
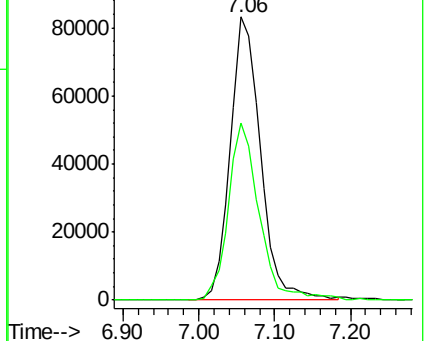
168 100

99 62.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 72.954 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD063434.D

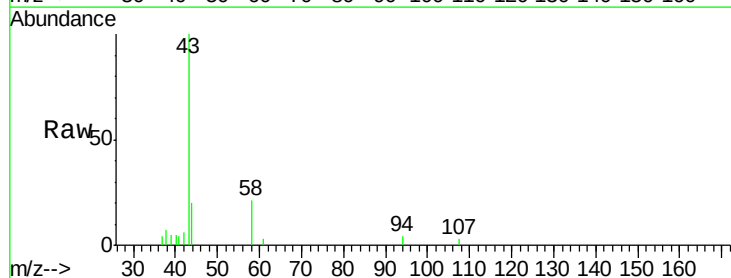
Acq: 8 Aug 2019 13:21

Tgt Ion: 43 Resp: 36325

Ion Ratio Lower Upper

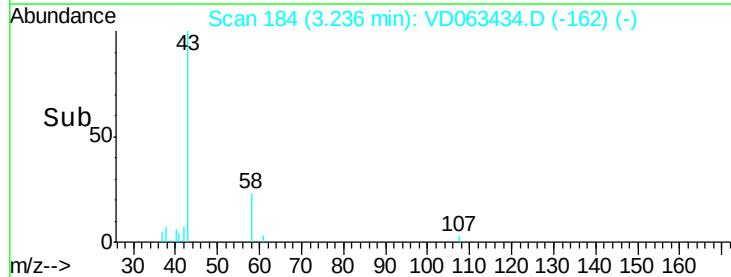
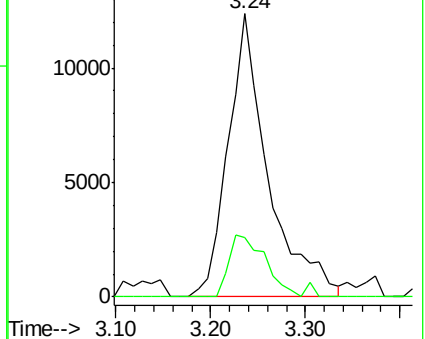
43 100

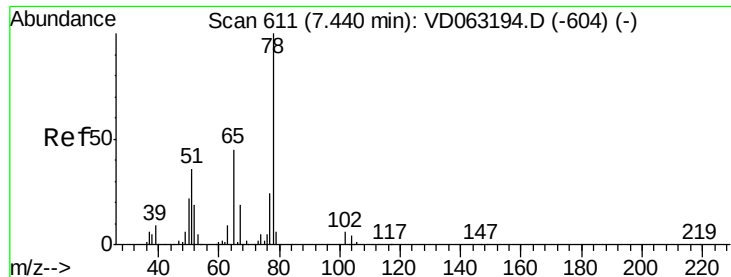
58 21.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

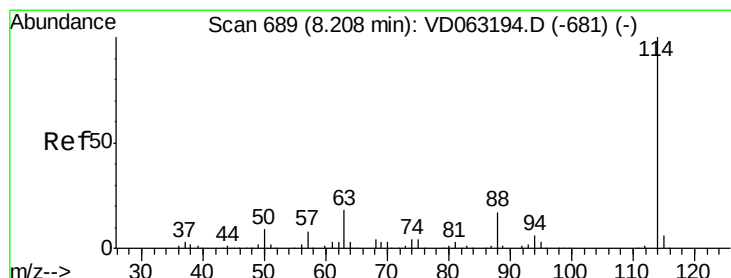
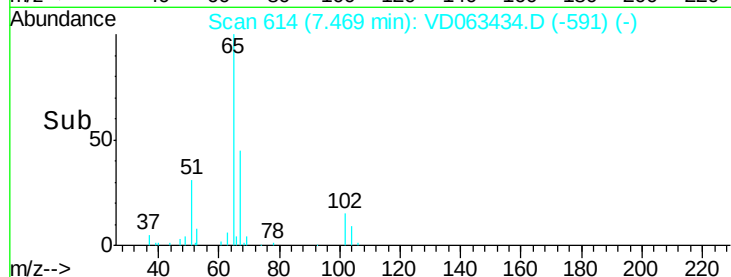
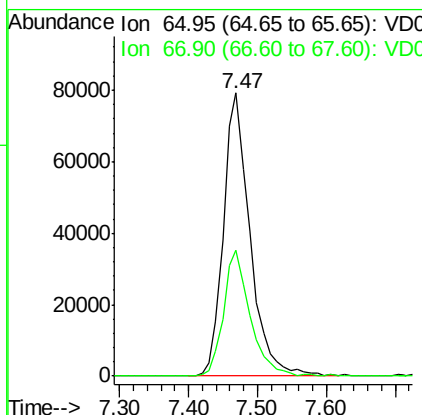
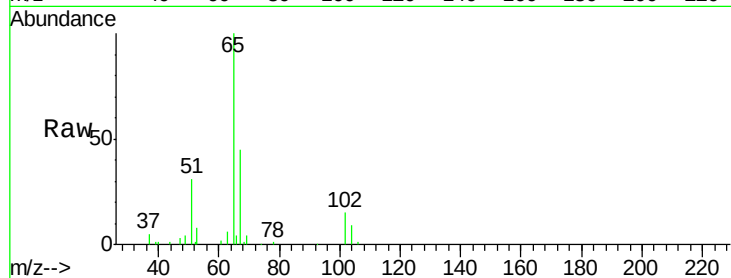




#33
 1,2-Dichloroethane-d4
 Concen: 82.696 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: VD063434.D
 Acq: 8 Aug 2019 13:21

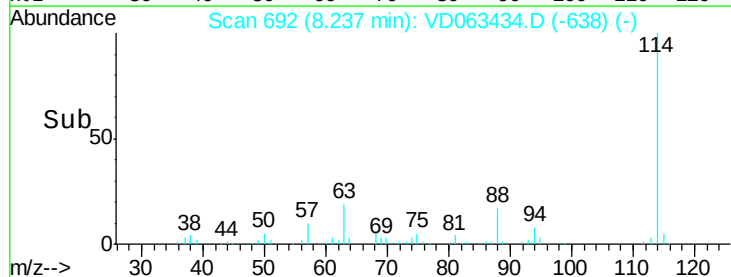
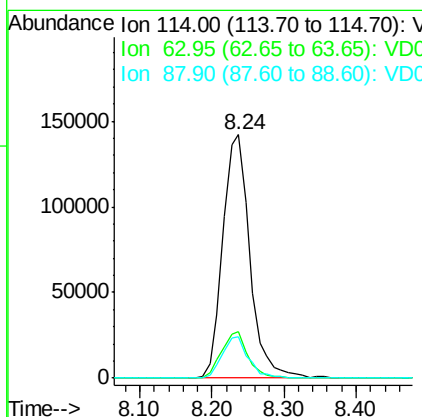
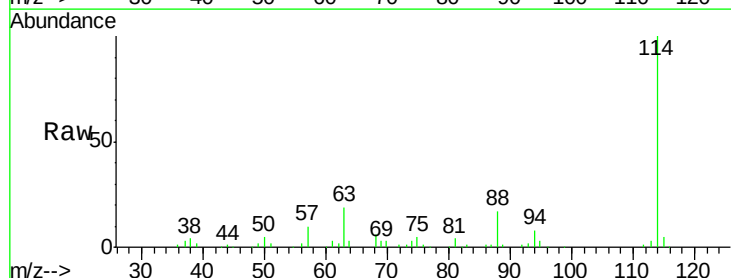
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-080719-A

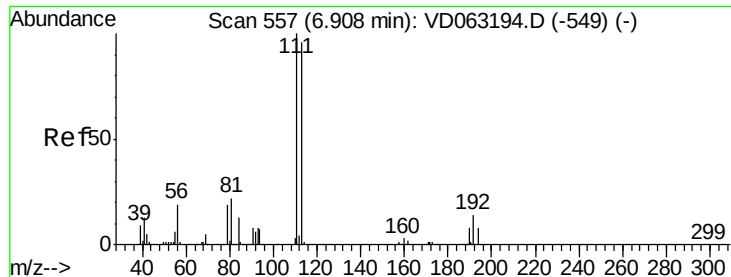
Tot Ion: 65 Resp: 211333
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD063434.D
 Acq: 8 Aug 2019 13:21

Tgt Ion: 114 Resp: 369356
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 35.2
 88 17.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 56.829 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.04 min

Lab File: VD063434.D

Acq: 8 Aug 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

AU-05-080719-A

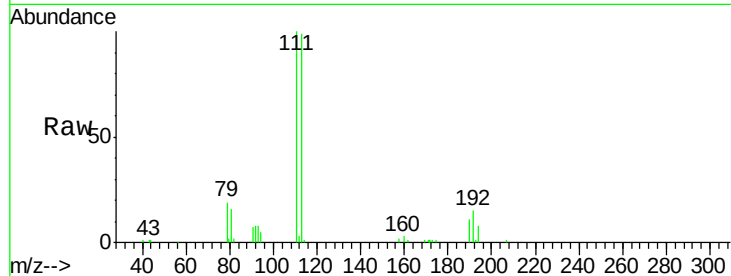
Tot Ion:113 Resp: 179211

Ion Ratio Lower Upper

113 100

111 101.4 83.2 124.8

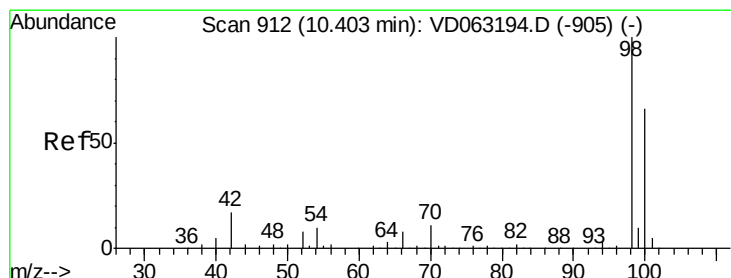
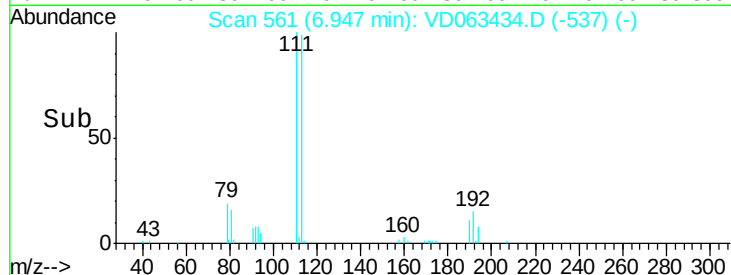
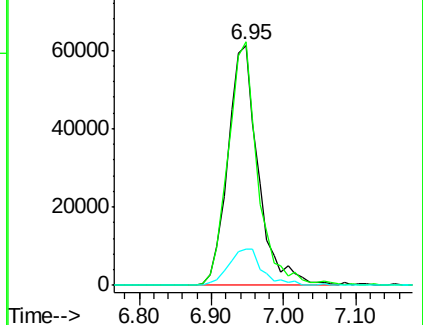
192 15.2 11.8 17.8



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: 46.530 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063434.D

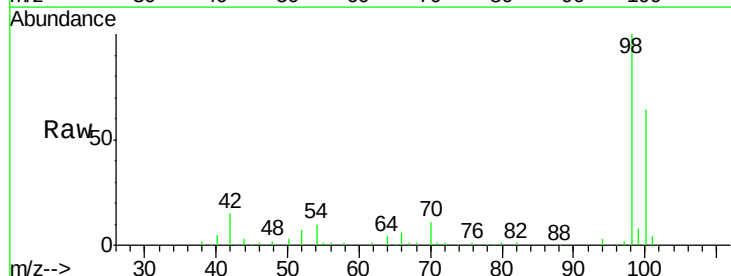
Acq: 8 Aug 2019 13:21

Tgt Ion: 98 Resp: 328389

Ion Ratio Lower Upper

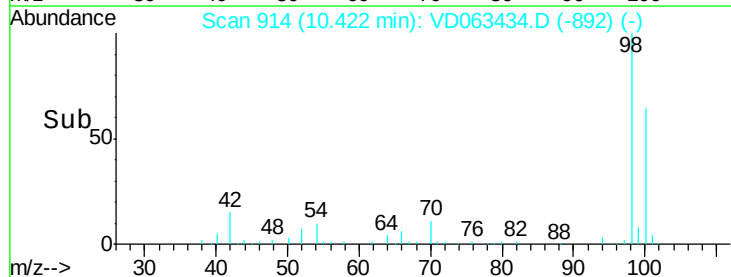
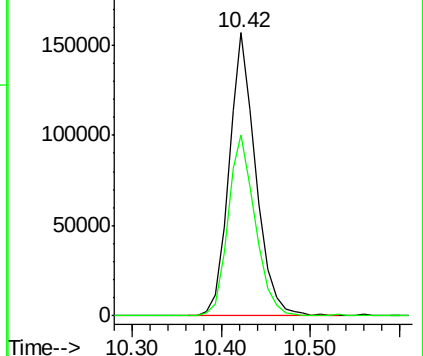
98 100

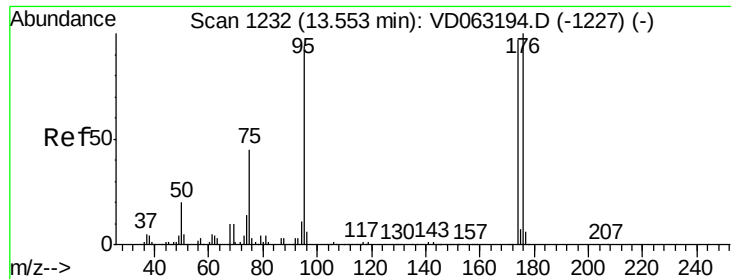
100 63.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

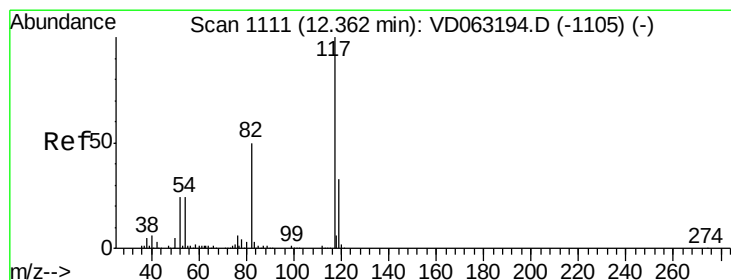
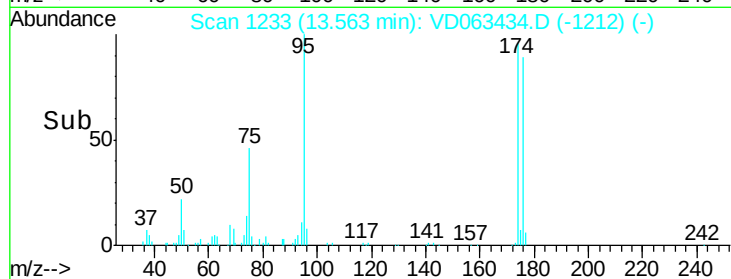
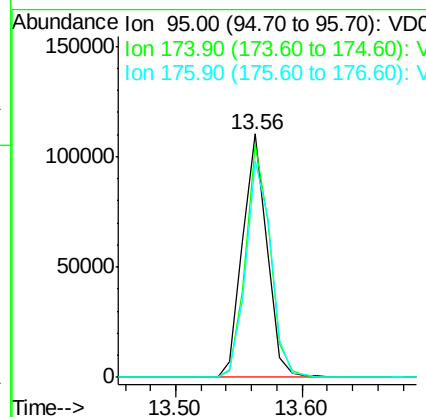
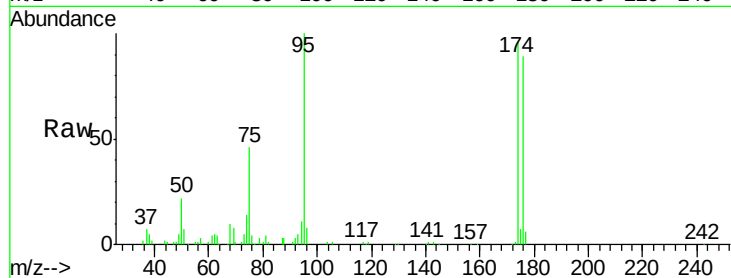




#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063434.D
Acq: 8 Aug 2019 13:21

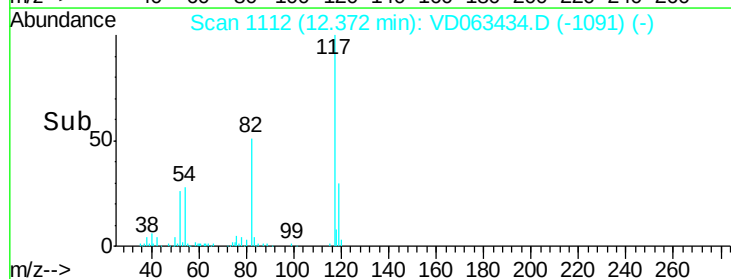
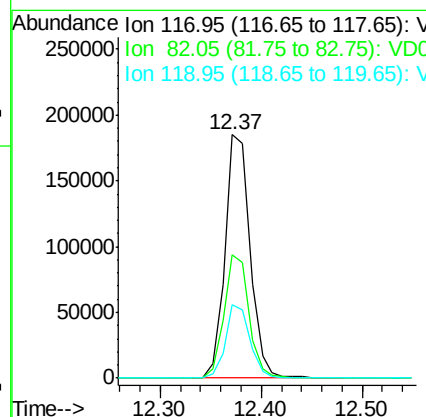
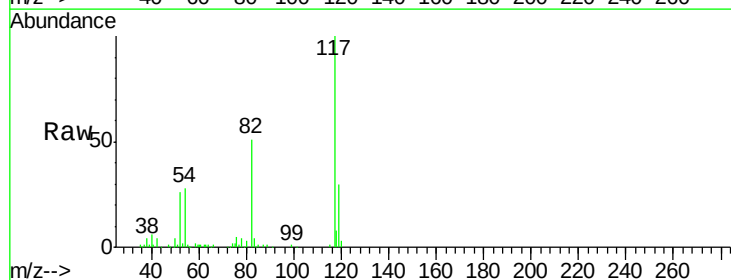
Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

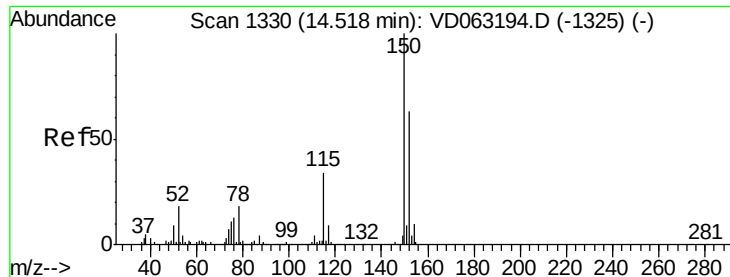
Tot Ion: 95 Resp: 146299
Ion Ratio Lower Upper
95 100
174 95.7 0.0 205.4
176 88.8 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063434.D
Acq: 8 Aug 2019 13:21

Tgt Ion: 117 Resp: 321055
Ion Ratio Lower Upper
117 100
82 50.7 40.1 60.1
119 30.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD063434.D

Acq: 8 Aug 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

AU-05-080719-A

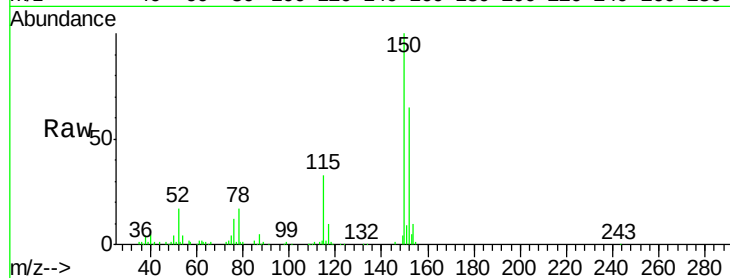
Tot Ion:152 Resp: 146243

Ion Ratio Lower Upper

152 100

115 50.1 27.5 82.4

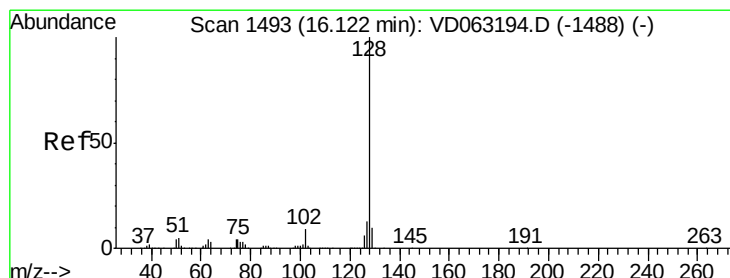
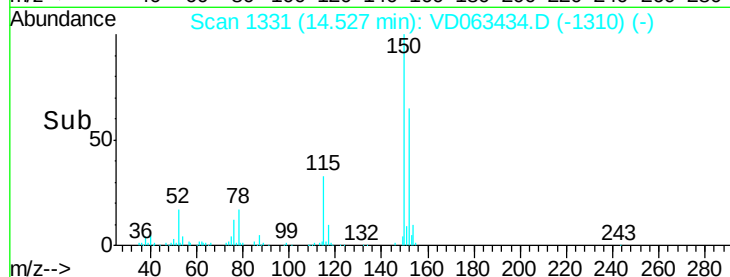
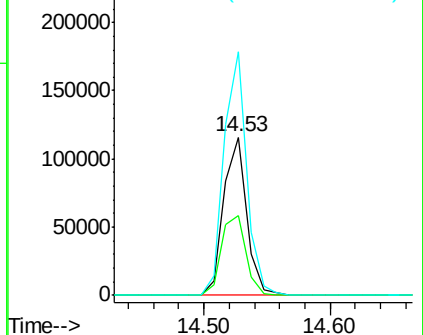
150 153.9 0.0 320.6



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



#95

Naphthalene

Concen: 2.001 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD063434.D

Acq: 8 Aug 2019 13:21

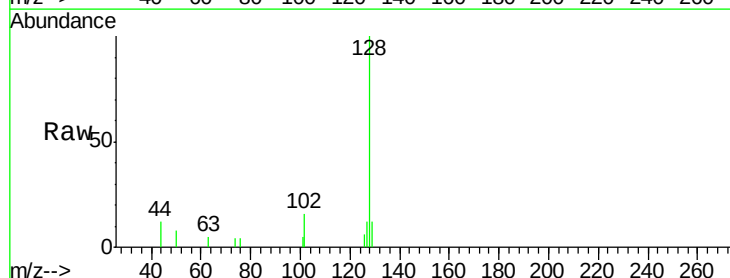
Tgt Ion:128 Resp: 9053

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 12.4 7.8 11.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

