

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063446.D
 Acq On : 8 Aug 2019 18:46
 Operator : JC/SY
 Sample : K3613-01
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 09 07:48:02 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

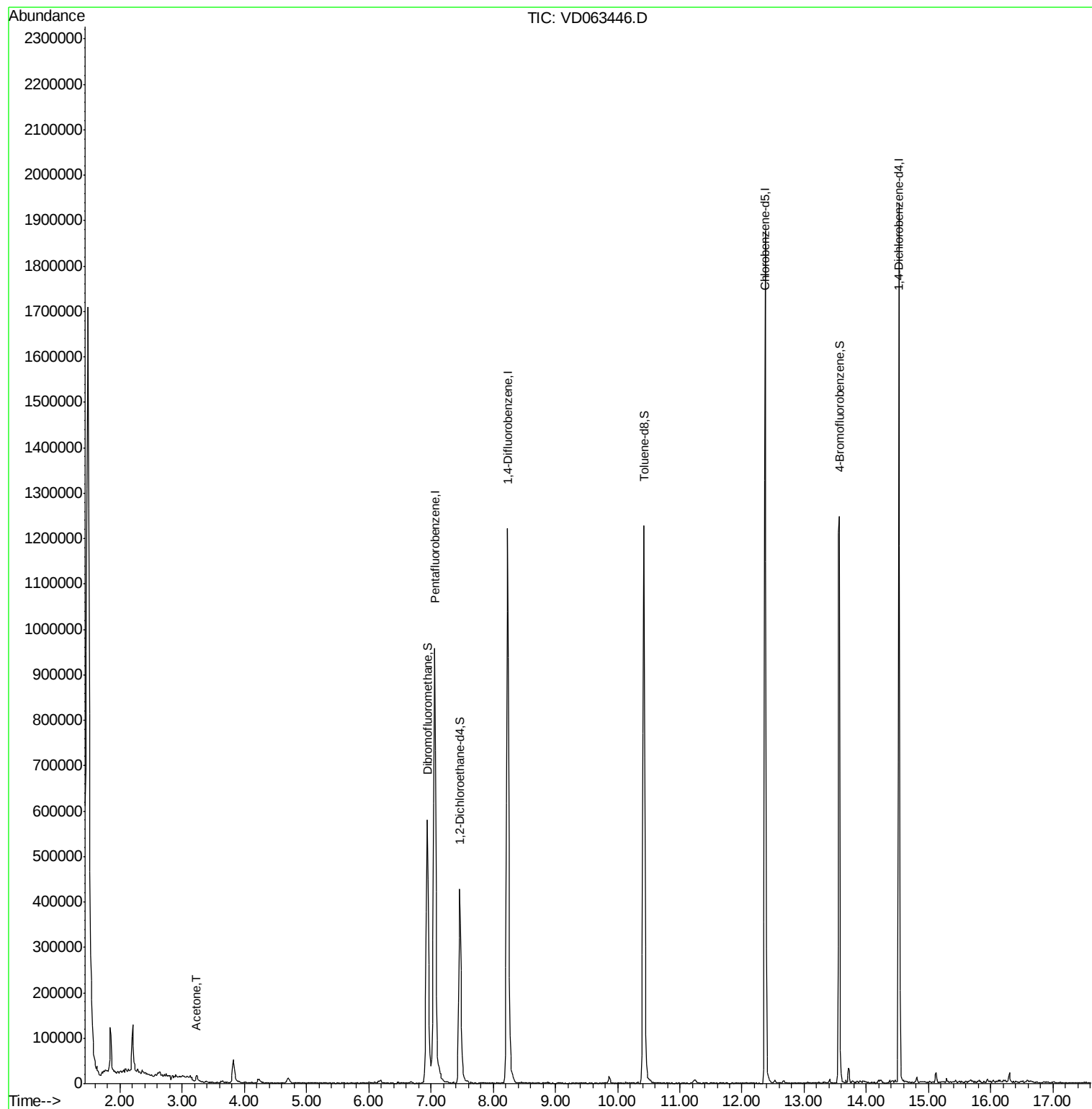
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	924102	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1327226	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1012004	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	413181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	474811	46.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	6.94	113	518553	45.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	10.43	98	1038629	40.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.92%	
62) 4-Bromofluorobenzene	13.56	95	372921	32.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.54%	
Target Compounds						
16) Acetone	3.23	43	27652	13.841	ug/l	Qvalue 96

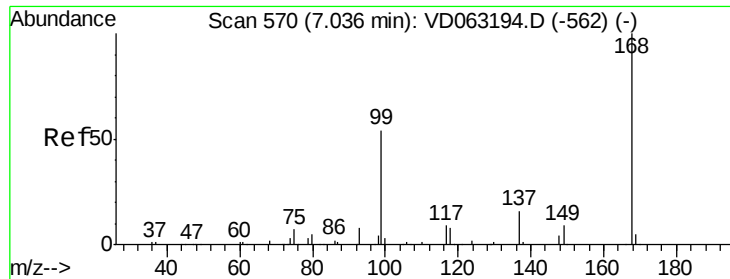
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

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Acq: 8 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

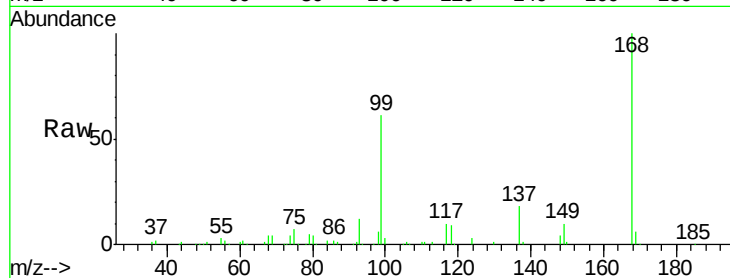
AU-05-080719-A

Tot Ion:168 Resp: 924102

Ion Ratio Lower Upper

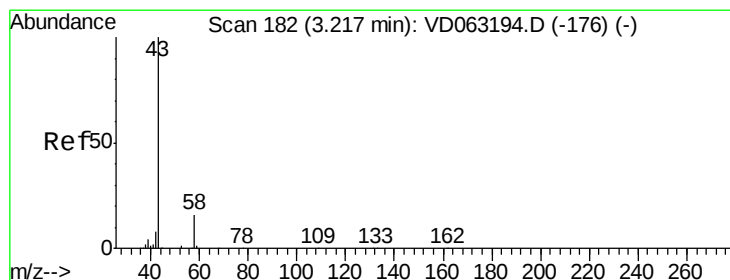
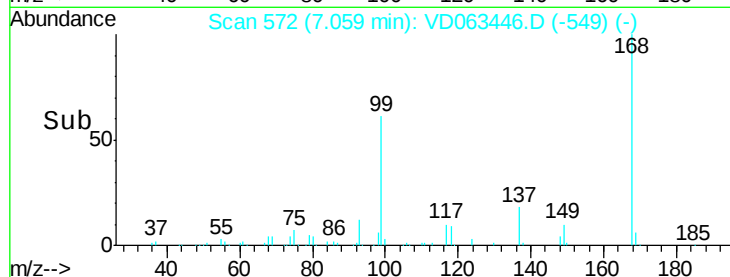
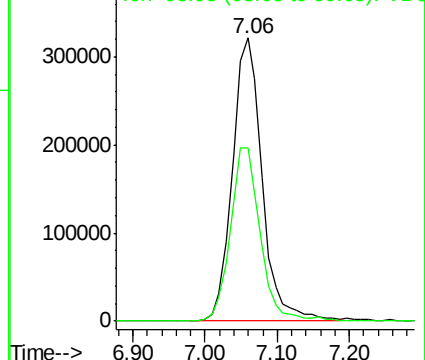
168 100

99 61.3 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: 13.841 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063446.D

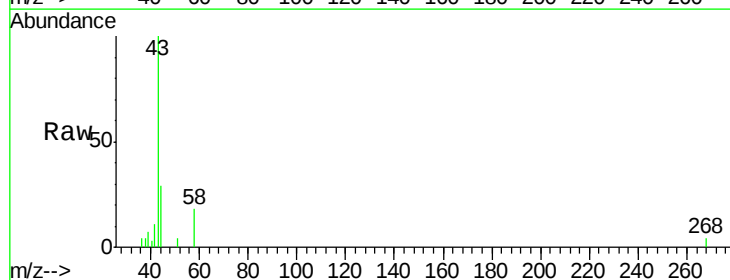
Acq: 8 Aug 2019 18:46

Tgt Ion: 43 Resp: 27652

Ion Ratio Lower Upper

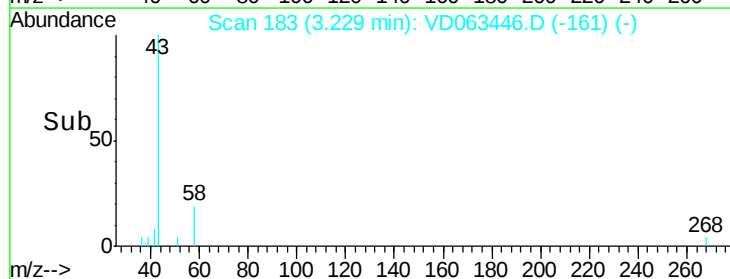
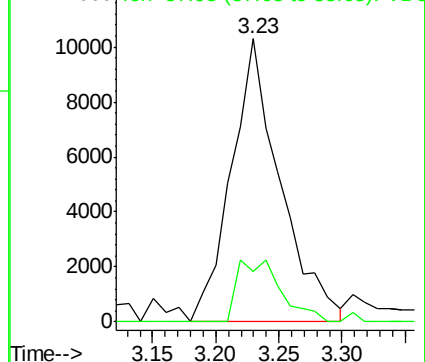
43 100

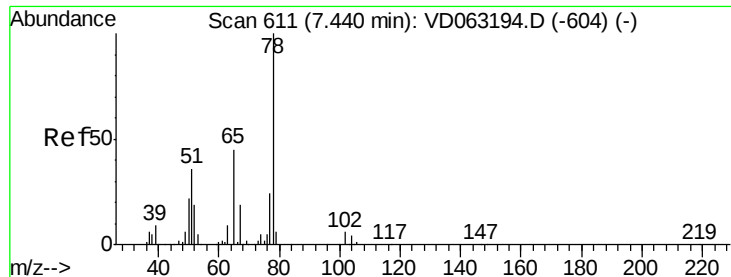
58 17.8 13.0 19.4



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: 46.306 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063446.D

Acq: 8 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

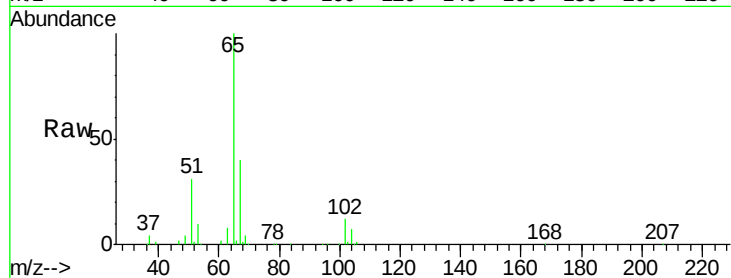
AU-05-080719-A

Tot Ion: 65 Resp: 474811

Ion Ratio Lower Upper

65 100

67 40.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

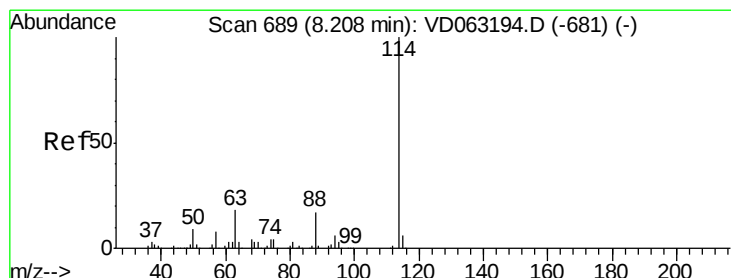
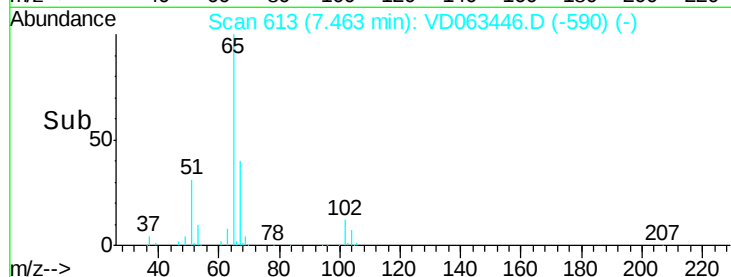
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063446.D

Acq: 8 Aug 2019 18:46

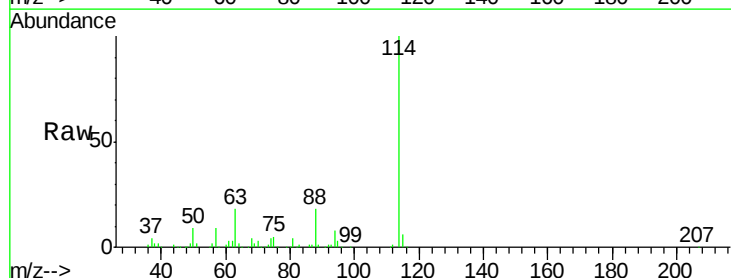
Tgt Ion: 114 Resp: 1327226

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 17.7 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

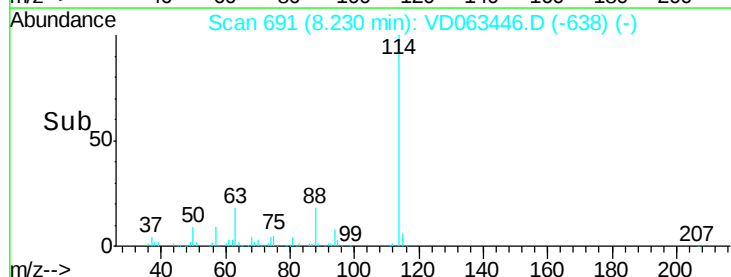
600000

400000

200000

0

Time--> 8.20 8.40





#35

Dibromofluoromethane

Concen: 45.761 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD063446.D

Acq: 8 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

AU-05-080719-A

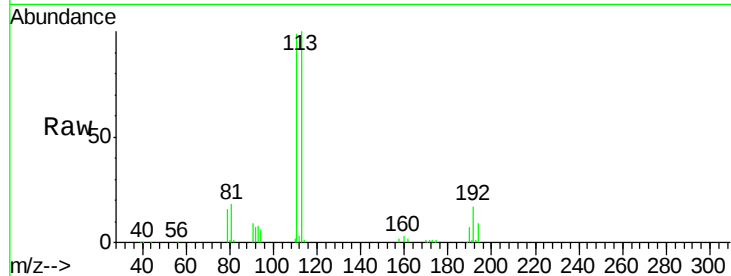
Tot Ion:113 Resp: 518553

Ion Ratio Lower Upper

113 100

111 99.0 83.2 124.8

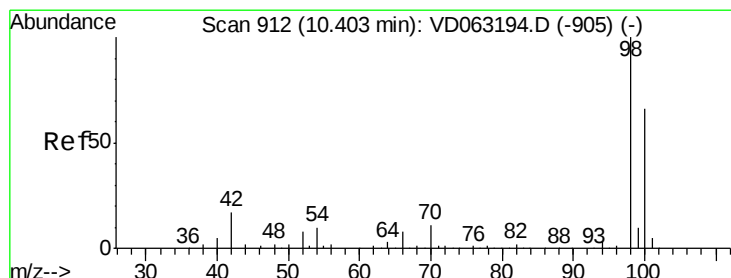
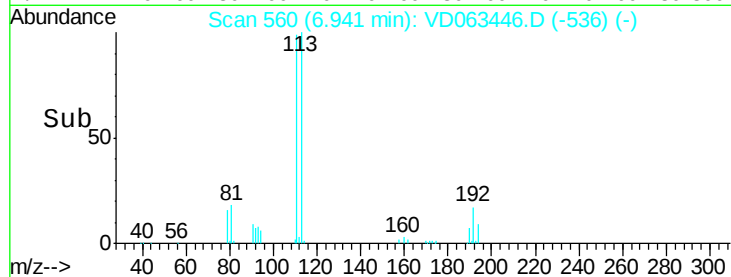
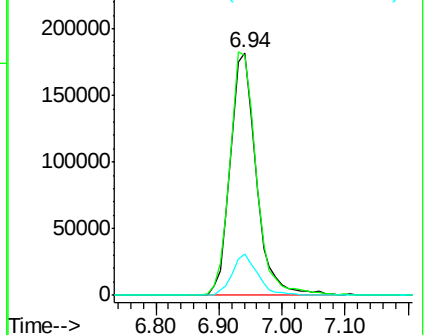
192 16.8 11.8 17.8



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: 40.955 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063446.D

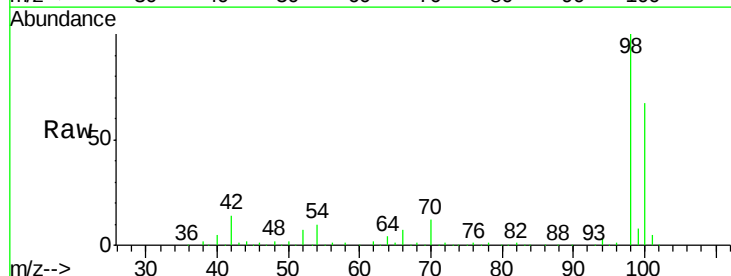
Acq: 8 Aug 2019 18:46

Tgt Ion: 98 Resp: 1038629

Ion Ratio Lower Upper

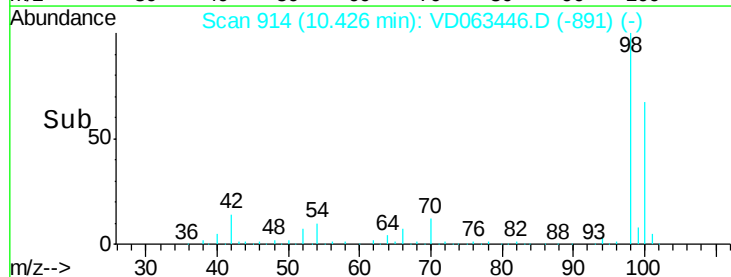
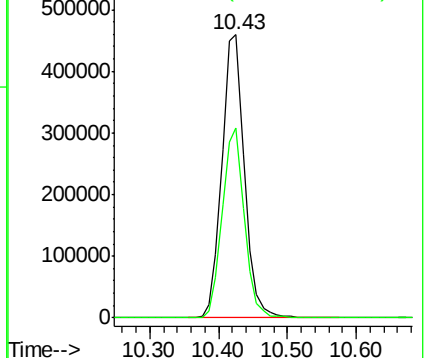
98 100

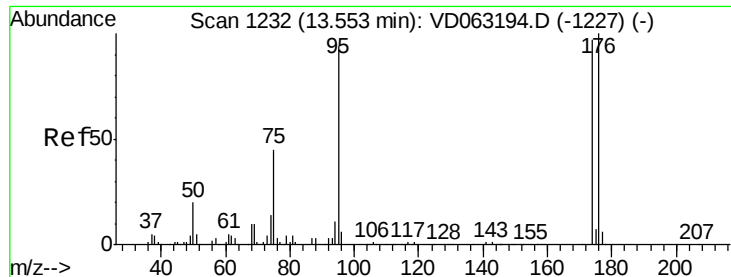
100 67.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

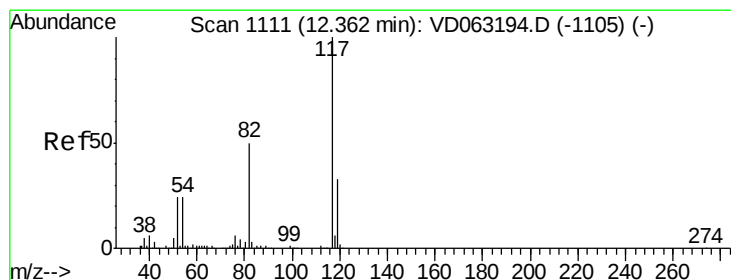
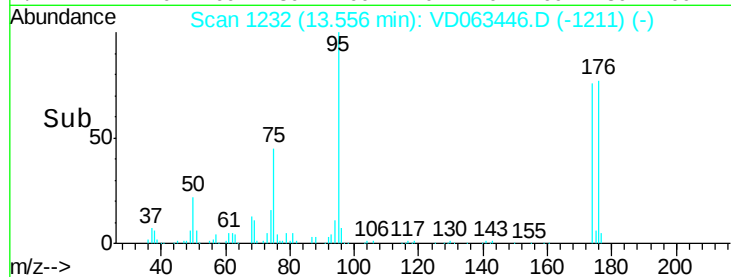
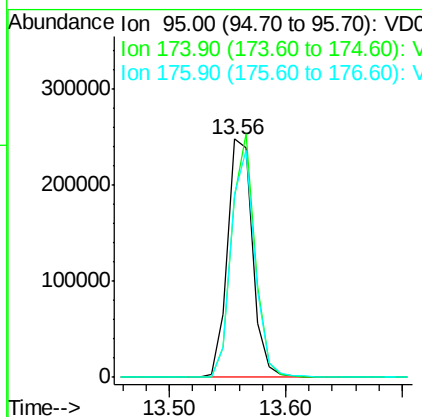
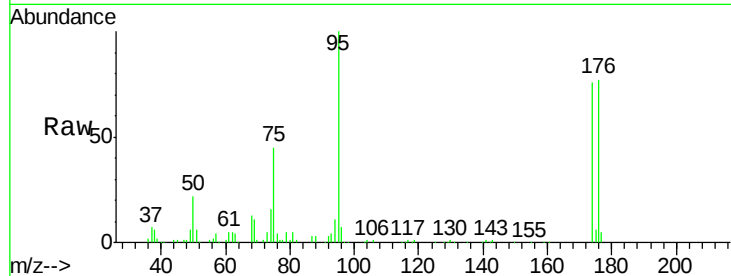




#62
4-Bromofluorobenzene
Concen: 32.269 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

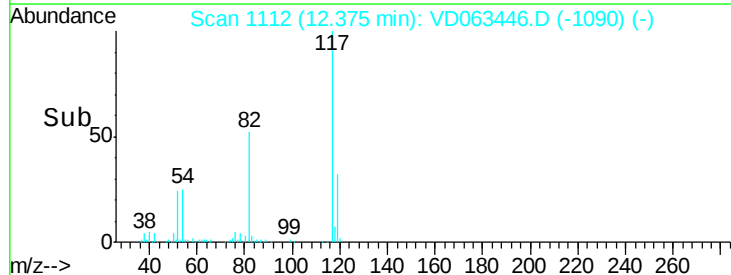
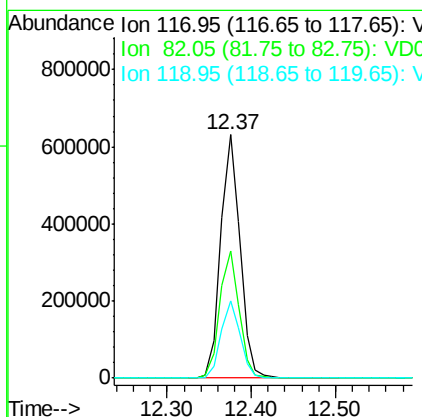
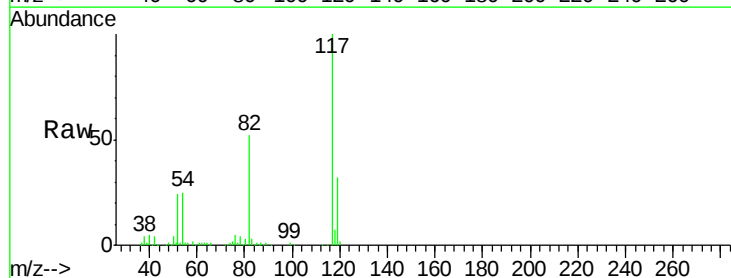
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MSVOA_D
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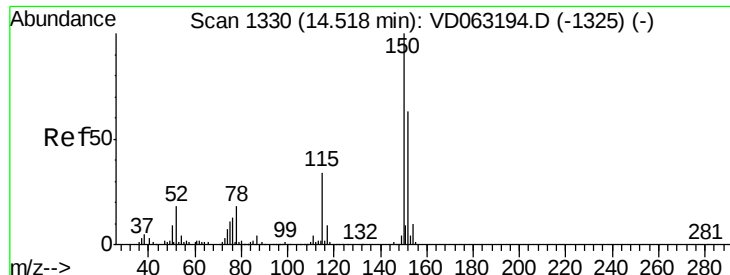
Tot Ion: 95 Resp: 372921
Ion Ratio Lower Upper
95 100
174 75.8 0.0 205.4
176 76.8 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 117 Resp: 1012004
Ion Ratio Lower Upper
117 100
82 52.4 40.1 60.1
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063446.D

Acq: 8 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

AU-05-080719-A

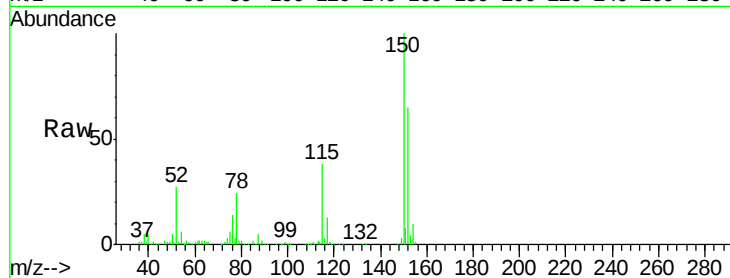
Tot Ion:152 Resp: 413181

Ion Ratio Lower Upper

152 100

115 57.9 27.5 82.4

150 153.0 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

