

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063932.D
 Acq On : 11 Oct 2019 12:53
 Operator : VA/SY
 Sample : K5149-01
 Misc : 8.02G/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101019

Quant Time: Oct 12 02:04:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

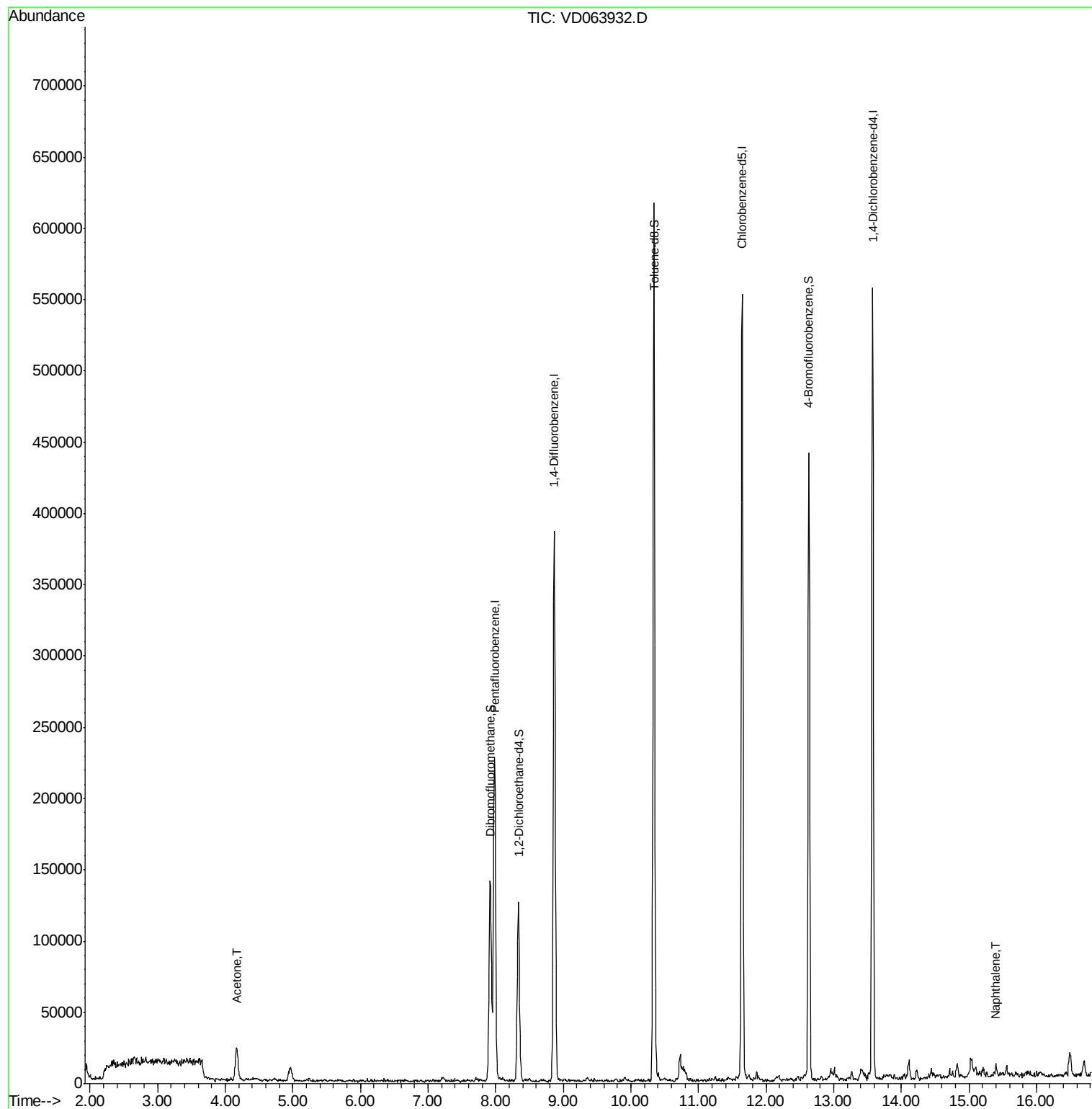
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	180748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	331257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	315080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	98117	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.92	113	101858	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.34	98	416127	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.63	95	124238	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds						
16) Acetone	4.17	43	41109	89.728	ug/l	99
95) Naphthalene	15.40	128	6509	1.178	ug/l #	92

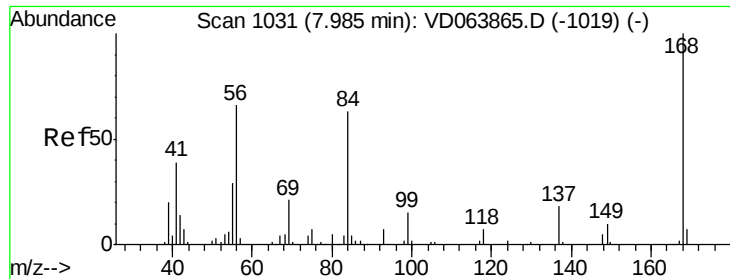
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

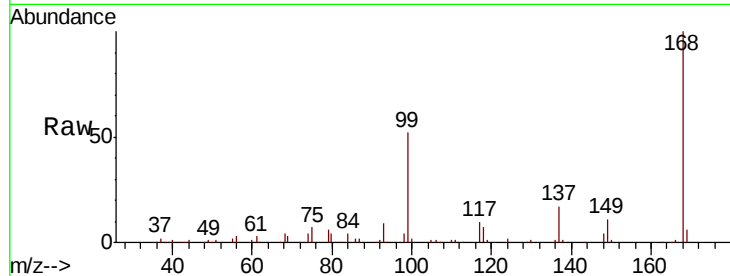
EO-02-101019

Tot Ion:168 Resp: 180748

Ion Ratio Lower Upper

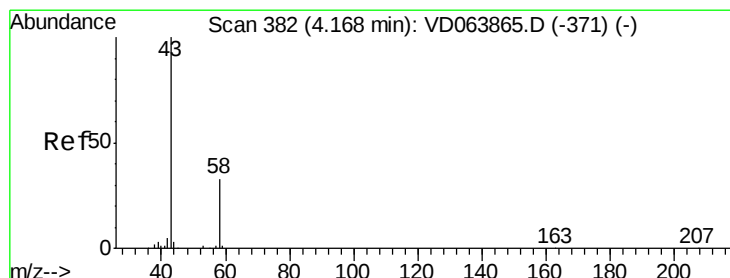
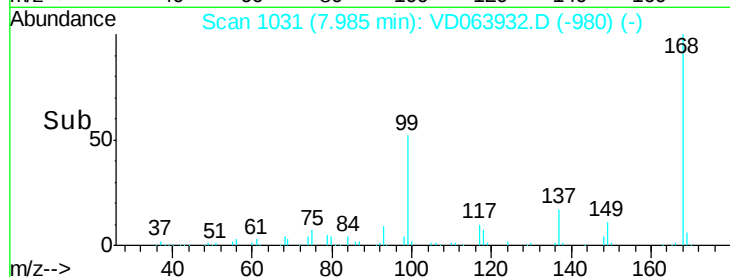
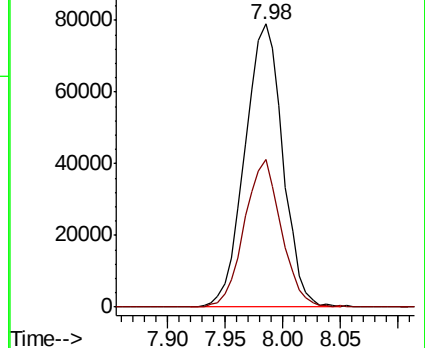
168 100

99 52.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 89.728 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063932.D

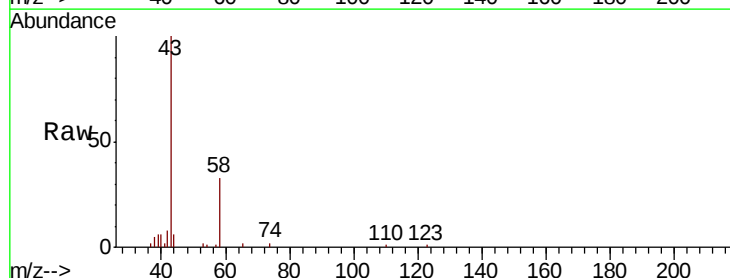
Acq: 11 Oct 2019 12:53

Tgt Ion: 43 Resp: 41109

Ion Ratio Lower Upper

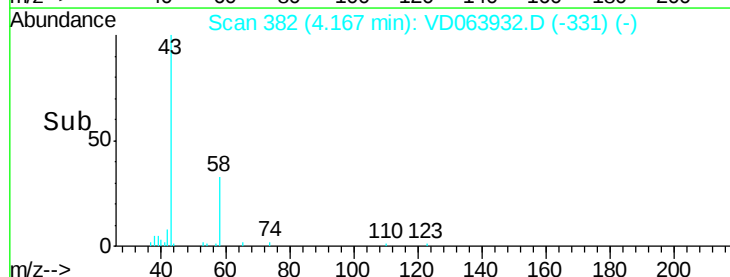
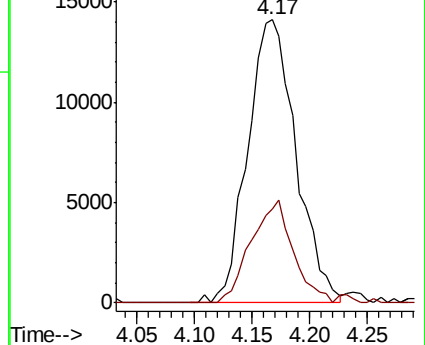
43 100

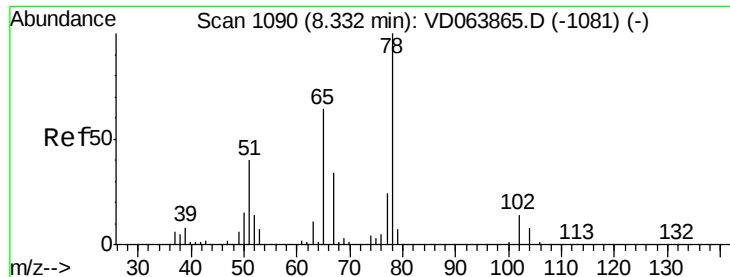
58 33.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.757 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

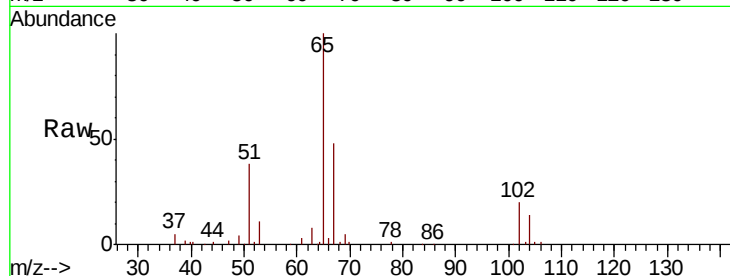
EO-02-101019

Tot Ion: 65 Resp: 98117

Ion Ratio Lower Upper

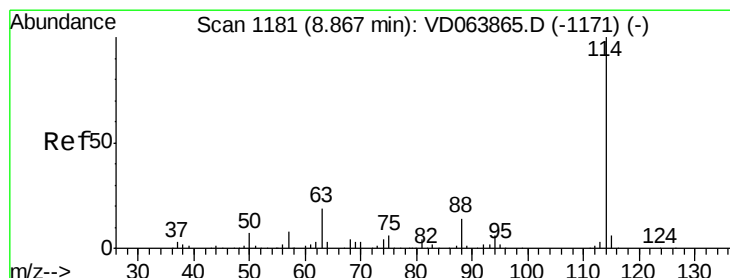
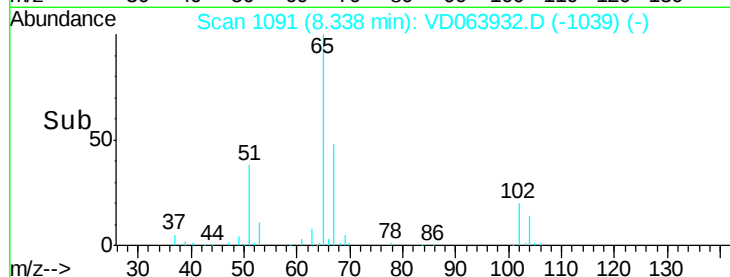
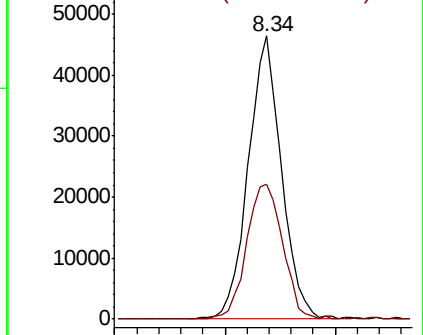
65 100

67 51.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

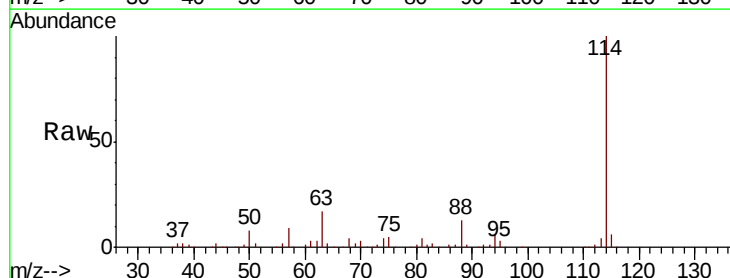
Tgt Ion: 114 Resp: 331257

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

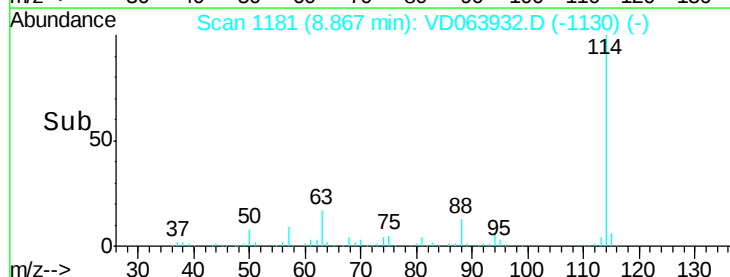
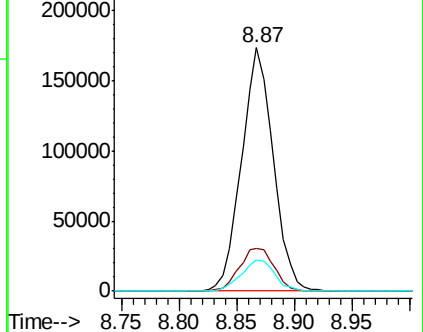
88 12.9 0.0 27.4

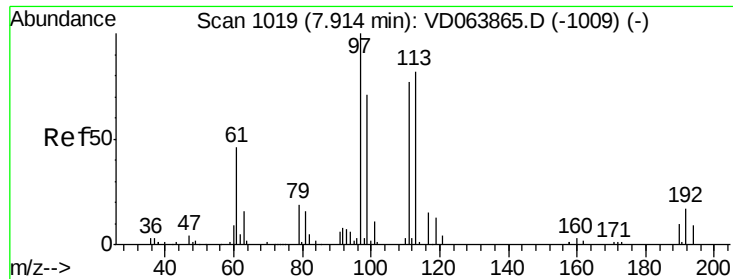


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

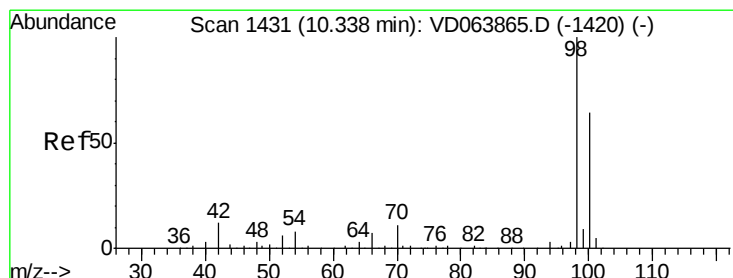
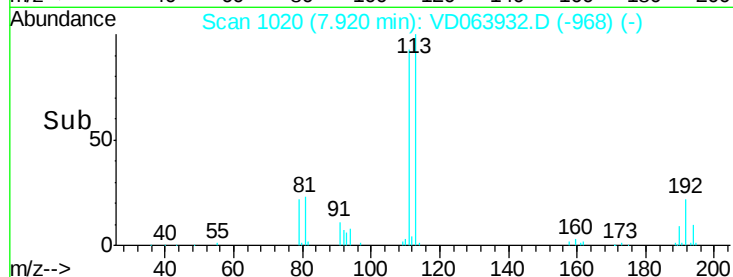
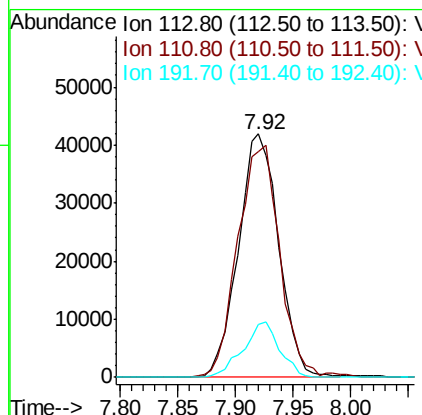
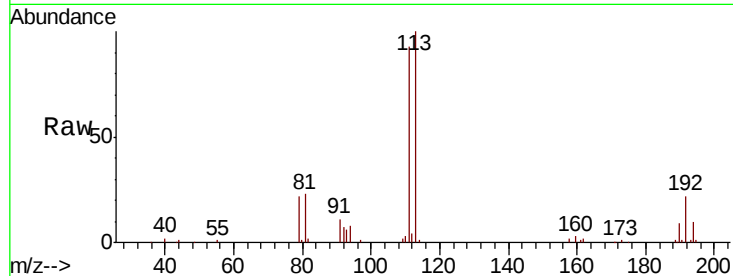




#35
 Dibromofluoromethane
 Concen: 50.315 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063932.D
 Acq: 11 Oct 2019 12:53

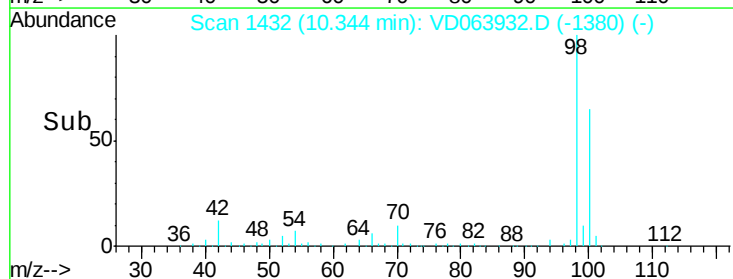
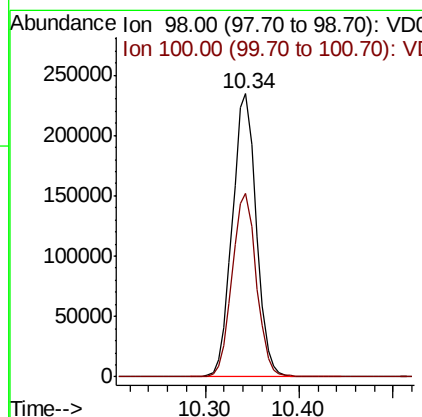
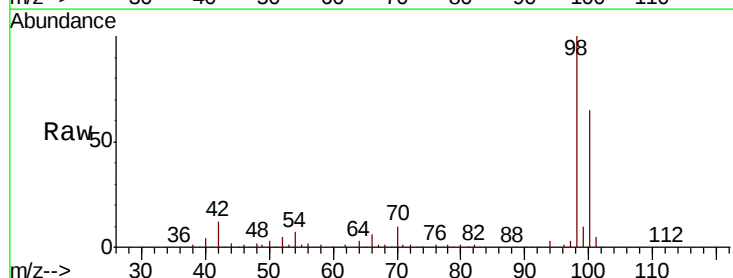
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101019

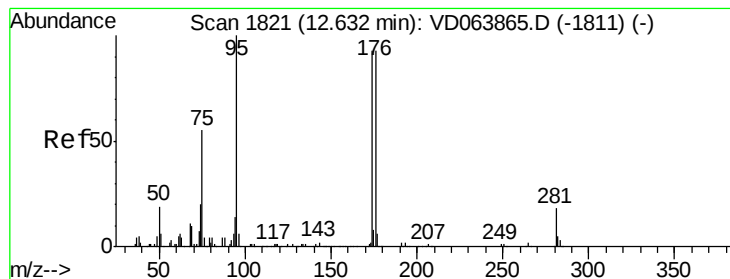
Tot Ion:113 Resp: 101858
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.6 123.8
 192 20.5 17.1 25.7



#50
 Toluene-d8
 Concen: 50.644 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063932.D
 Acq: 11 Oct 2019 12:53

Tgt Ion: 98 Resp: 416127
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 43.511 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101019

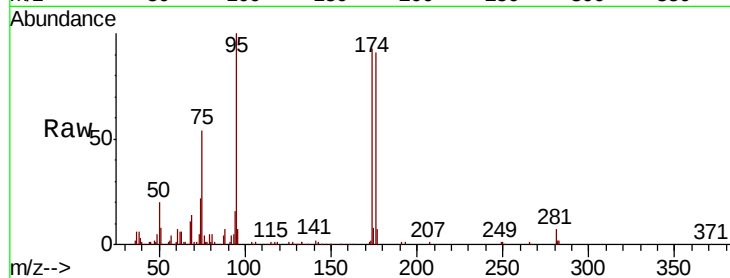
Tot Ion: 95 Resp: 124238

Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.4

176 93.2 0.0 184.2



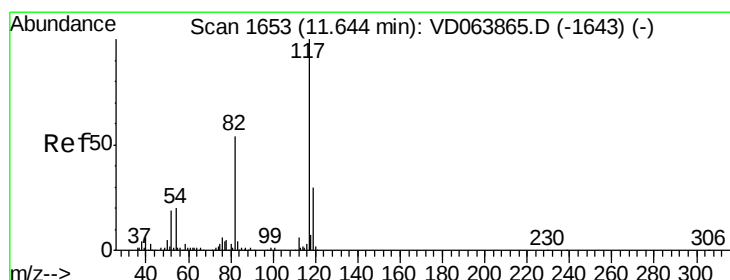
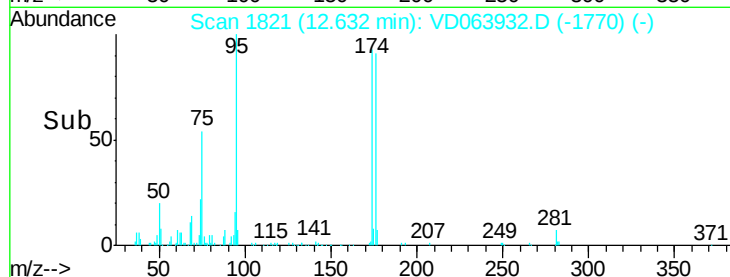
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

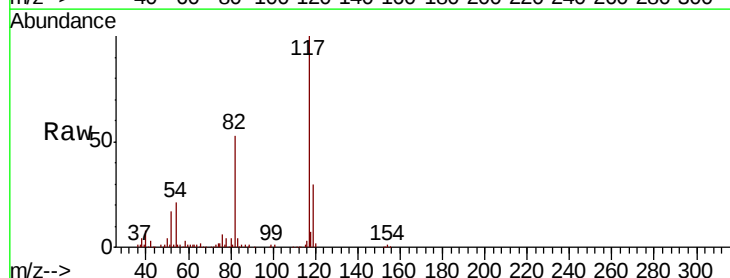
Tgt Ion: 117 Resp: 315080

Ion Ratio Lower Upper

117 100

82 52.5 42.8 64.2

119 30.4 24.4 36.6



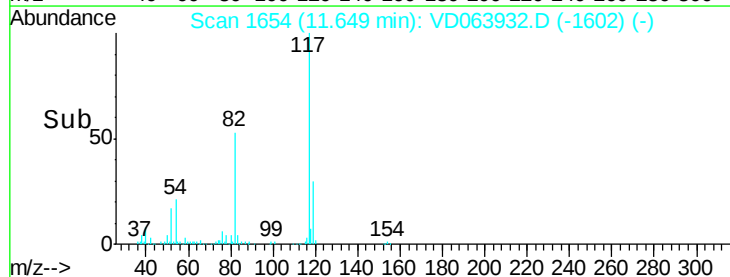
Abundance Ion 116.90 (116.60 to 117.60): V

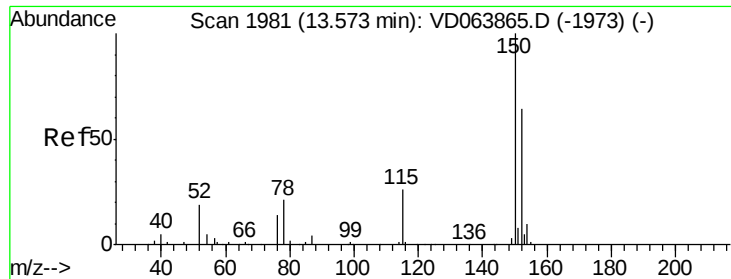
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101019

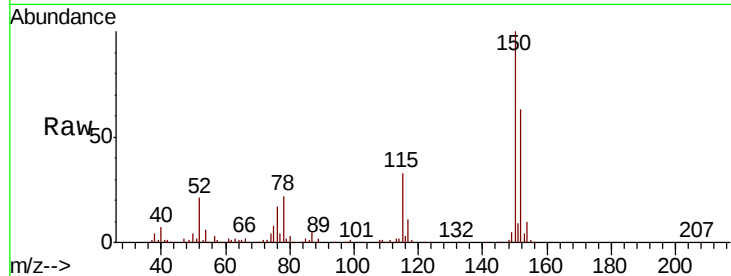
Tot Ion:152 Resp: 149402

Ion Ratio Lower Upper

152 100

115 53.2 25.9 77.7

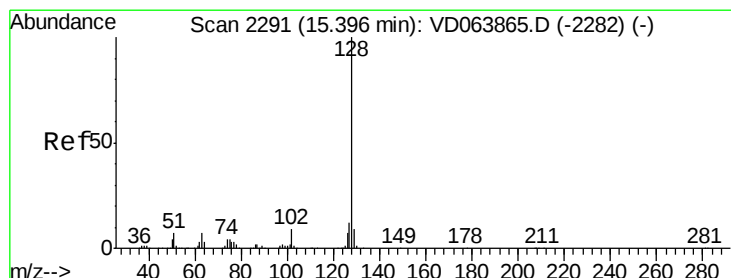
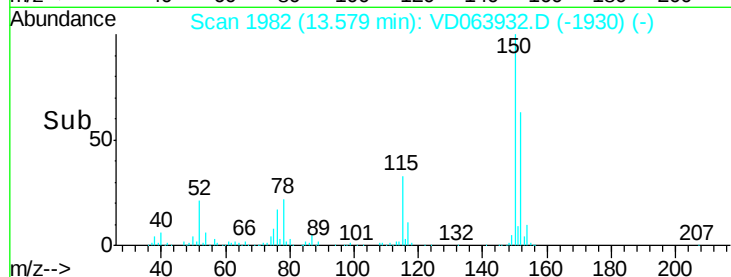
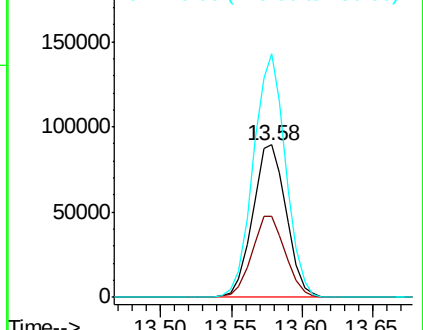
150 153.3 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.178 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.01 min

Lab File: VD063932.D

Acq: 11 Oct 2019 12:53

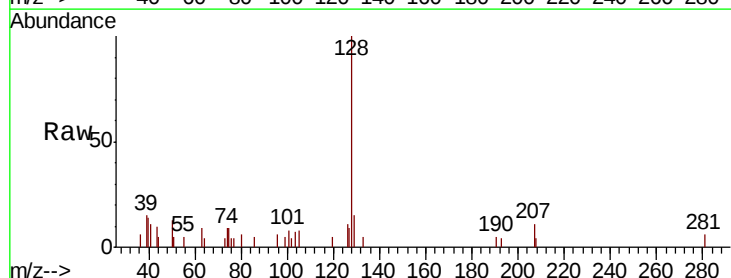
Tgt Ion:128 Resp: 6509

Ion Ratio Lower Upper

128 100

127 18.7 10.6 16.0#

129 11.3 8.6 13.0



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

