

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063681.D
 Acq On : 20 Aug 2019 13:38
 Operator : JC/SY
 Sample : K4385-14RE
 Misc : 6.10g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(0)RE

Quant Time: Aug 21 04:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

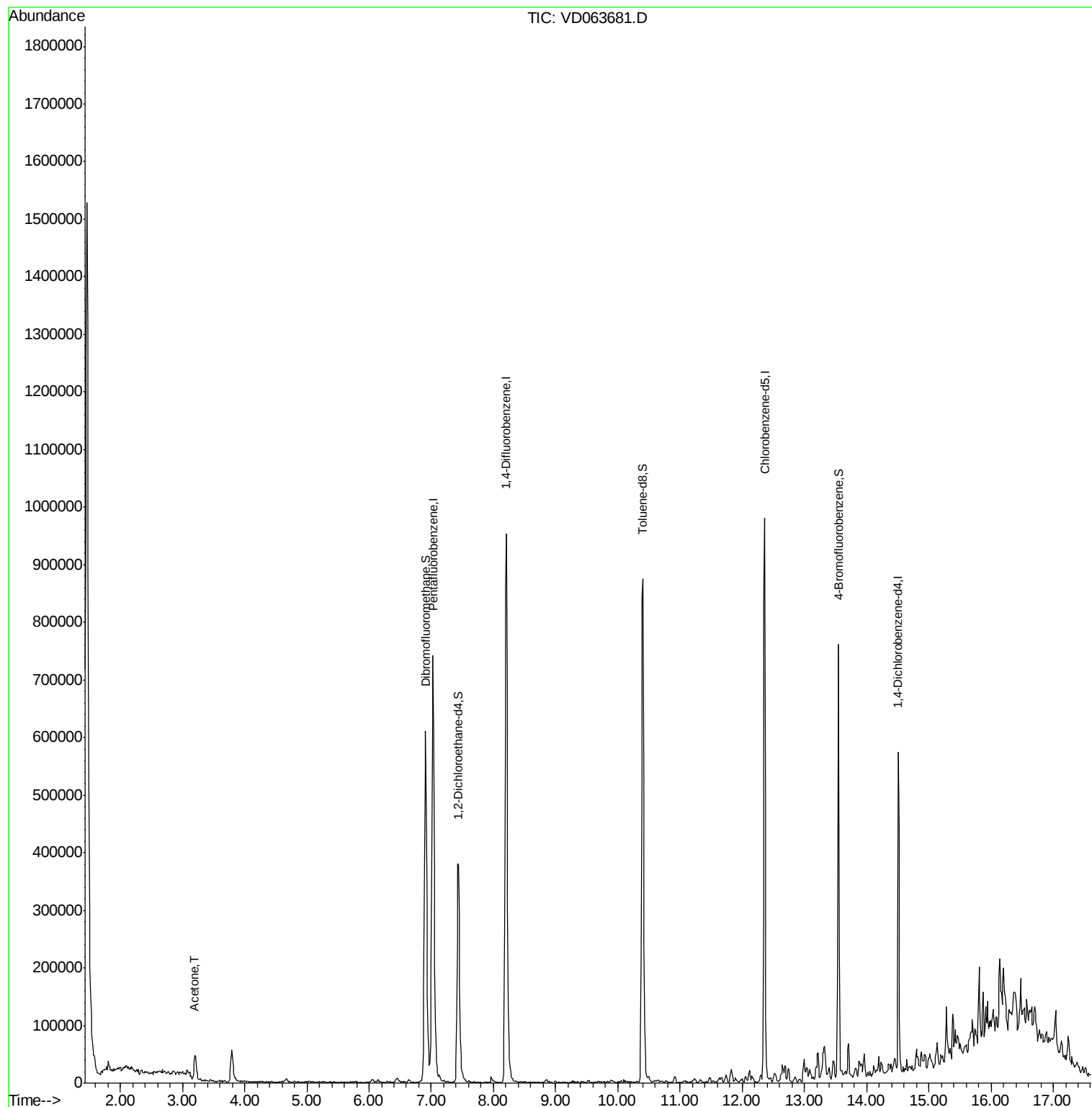
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	701387	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1068988	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	544935	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	119405	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	434854	58.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	116.00%	
35) Dibromofluoromethane	6.91	113	538478	59.81	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	119.62%	
50) Toluene-d8	10.40	98	739387	37.35	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.70%	
62) 4-Bromofluorobenzene	13.55	95	212433	23.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.36%	
Target Compounds						
16) Acetone	3.21	43	87786	57.600	ug/l #	Qvalue 87

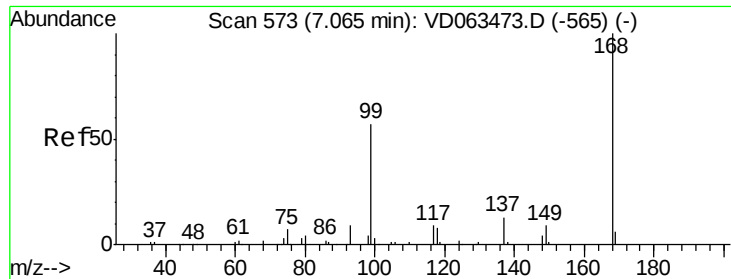
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

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Acq: 20 Aug 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

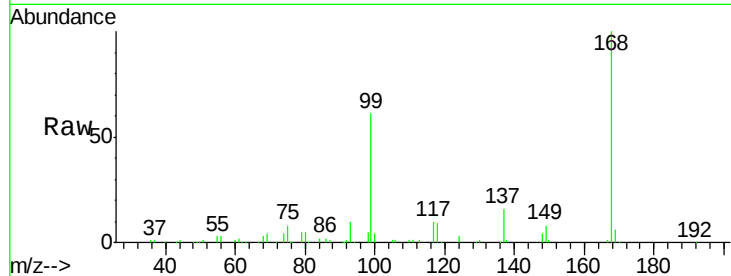
T8-C-(0)RE

Tot Ion:168 Resp: 701387

Ion Ratio Lower Upper

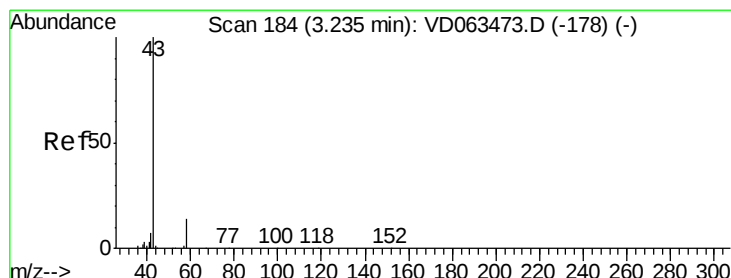
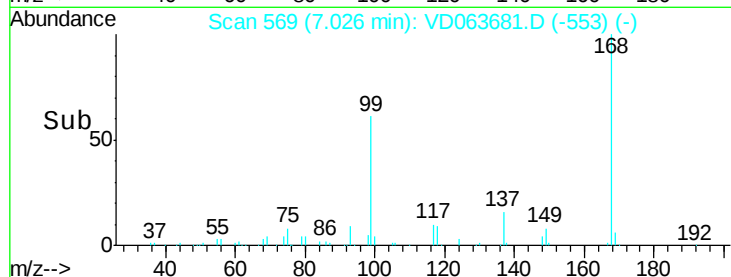
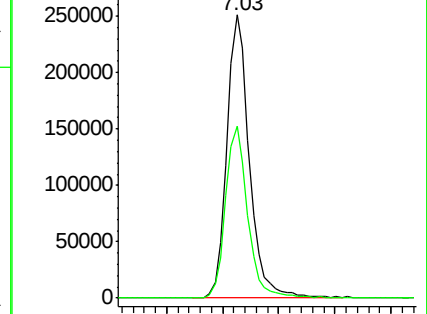
168 100

99 60.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 57.600 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063681.D

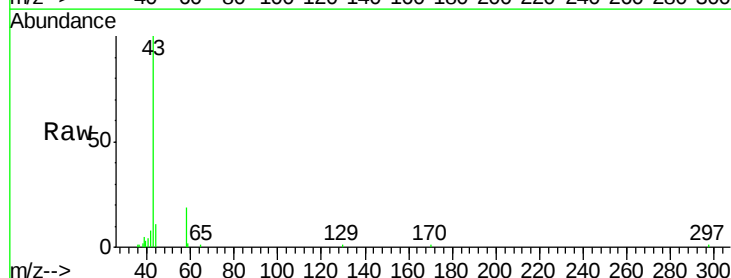
Acq: 20 Aug 2019 13:38

Tgt Ion: 43 Resp: 87786

Ion Ratio Lower Upper

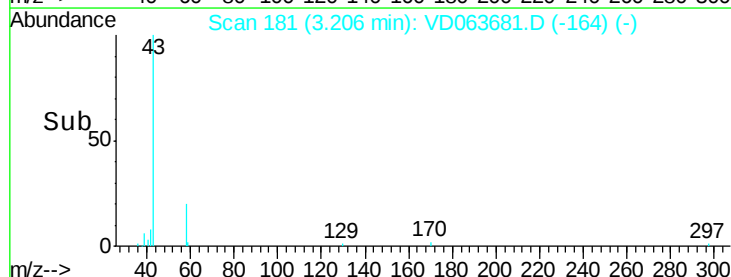
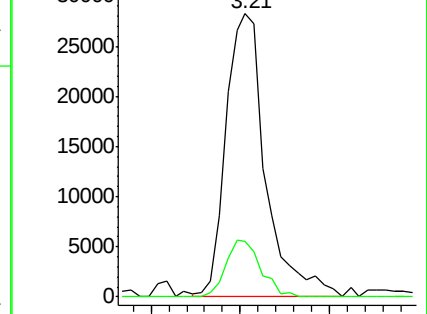
43 100

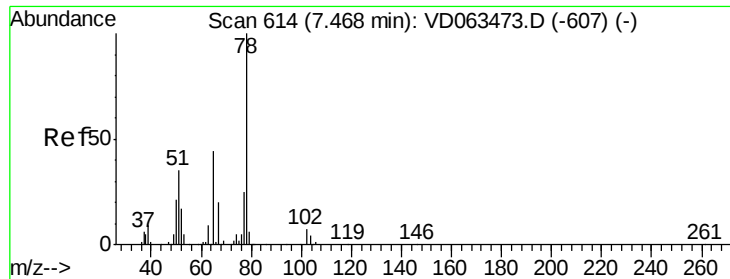
58 19.5 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

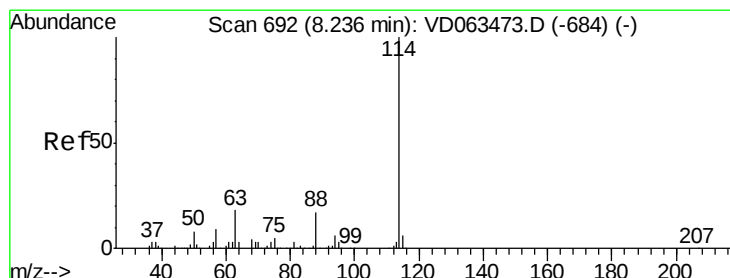
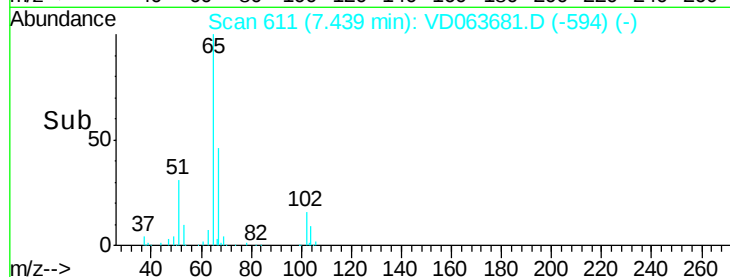
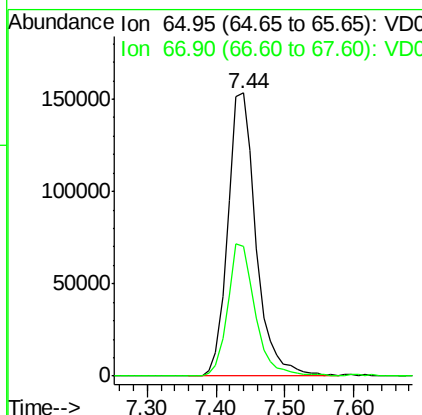
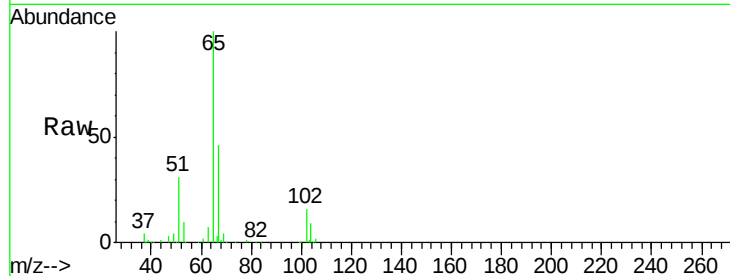




#33
 1,2-Dichloroethane-d4
 Concen: 58.002 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063681.D
 Acq: 20 Aug 2019 13:38

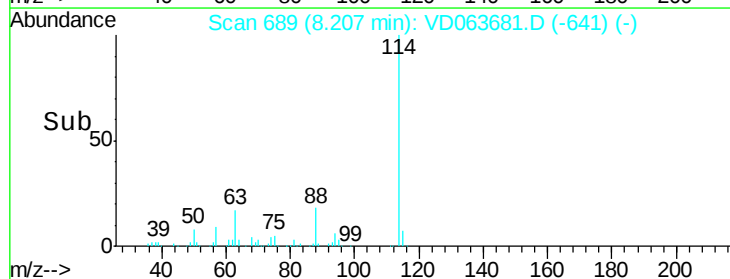
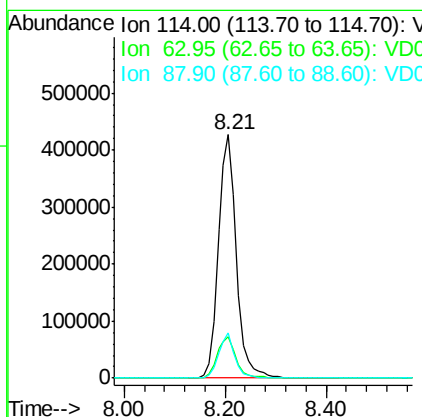
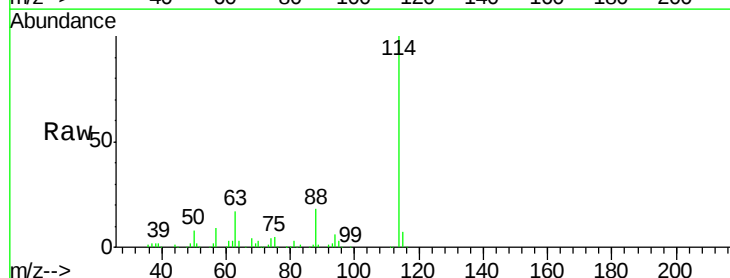
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C-(0)RE

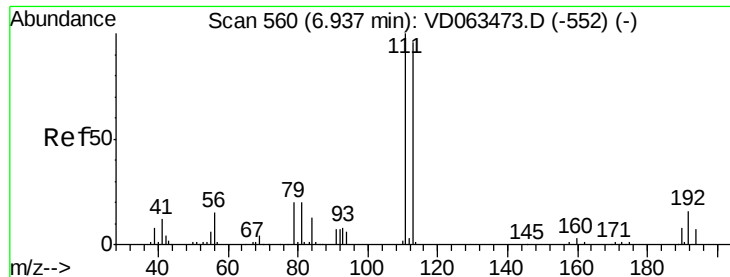
Tot Ion: 65 Resp: 434854
 Ion Ratio Lower Upper
 65 100
 67 45.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063681.D
 Acq: 20 Aug 2019 13:38

Tgt Ion: 114 Resp: 1068988
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.2
 88 18.4 0.0 35.0





#35

Dibromofluoromethane

Concen: 59.810 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063681.D

Acq: 20 Aug 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

T8-C-(0)RE

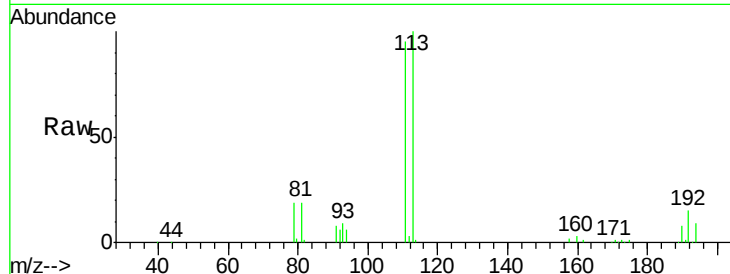
Tot Ion:113 Resp: 538478

Ion Ratio Lower Upper

113 100

111 95.4 83.1 124.7

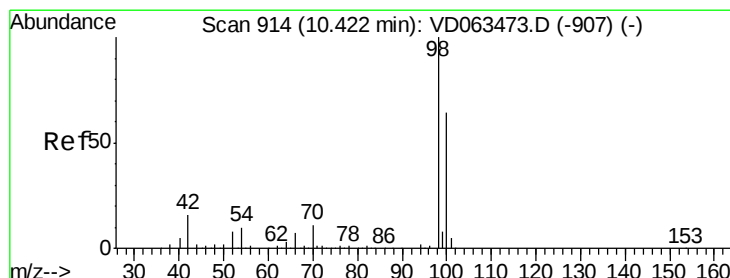
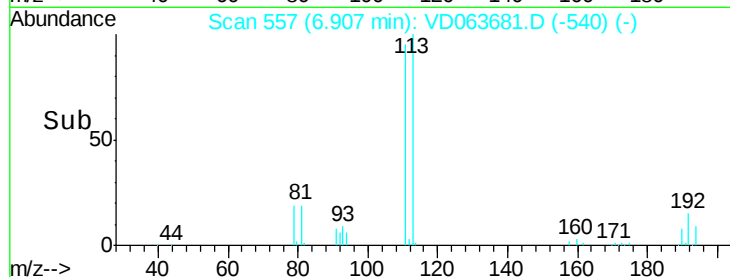
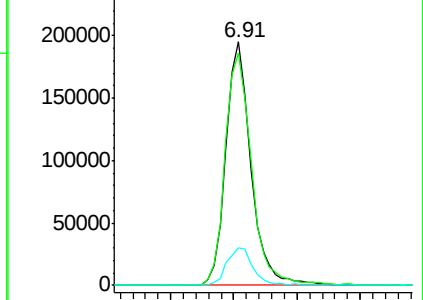
192 15.5 13.1 19.7



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: 37.355 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063681.D

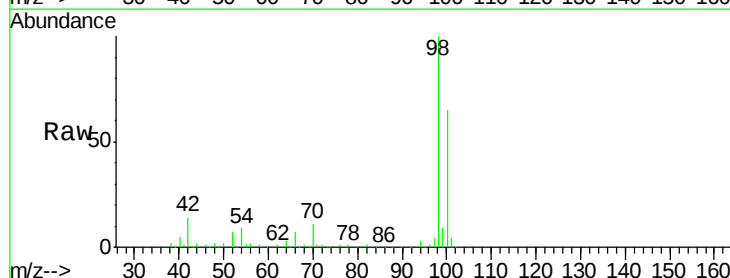
Acq: 20 Aug 2019 13:38

Tgt Ion: 98 Resp: 739387

Ion Ratio Lower Upper

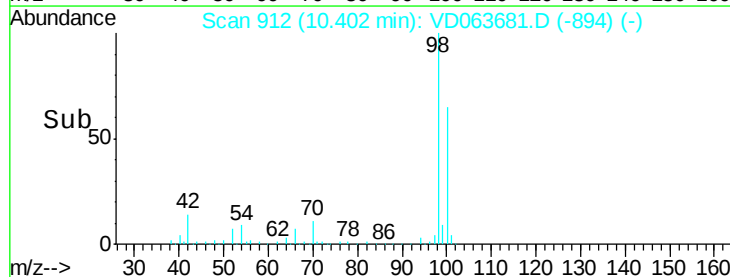
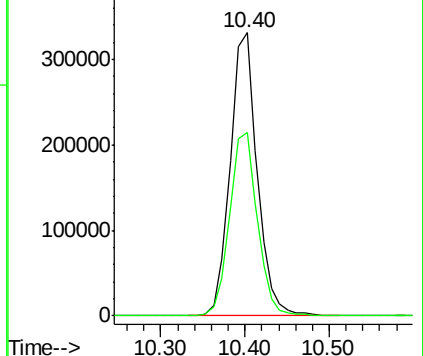
98 100

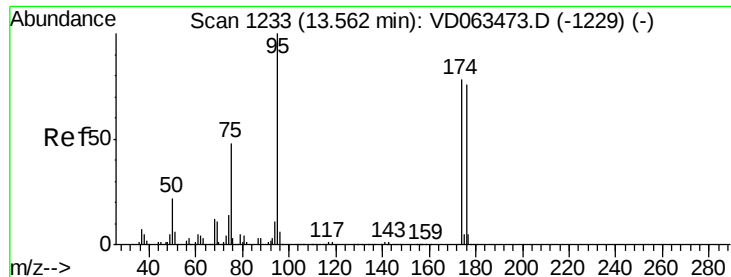
100 64.7 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 23.679 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063681.D

Acq: 20 Aug 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

T8-C-(0)RE

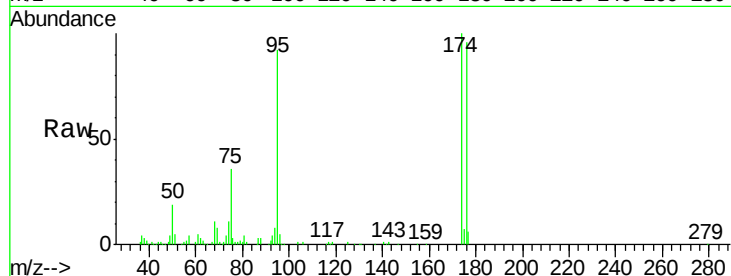
Tot Ion: 95 Resp: 212433

Ion Ratio Lower Upper

95 100

174 109.0 0.0 155.4

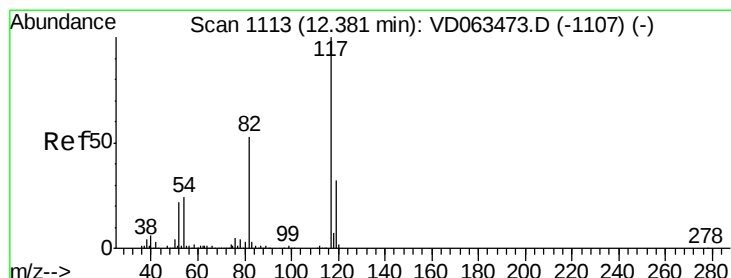
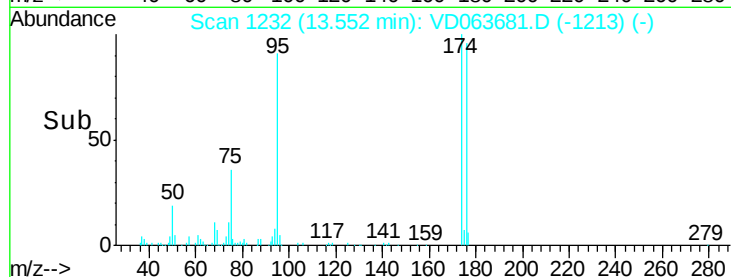
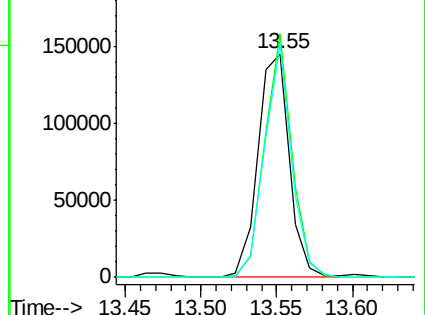
176 104.5 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VD063681.D

Acq: 20 Aug 2019 13:38

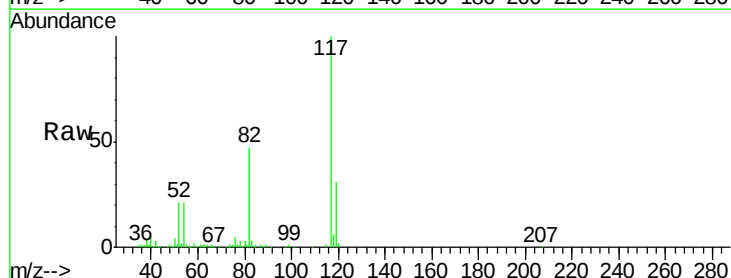
Tgt Ion: 117 Resp: 544935

Ion Ratio Lower Upper

117 100

82 47.4 42.0 63.0

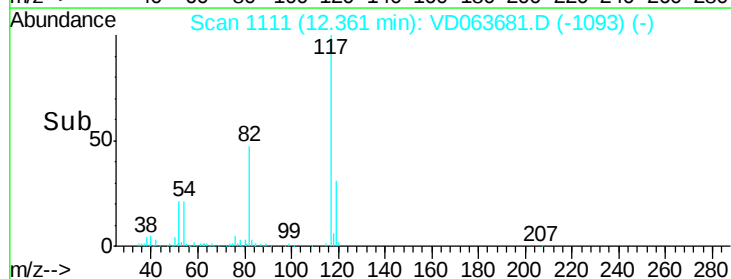
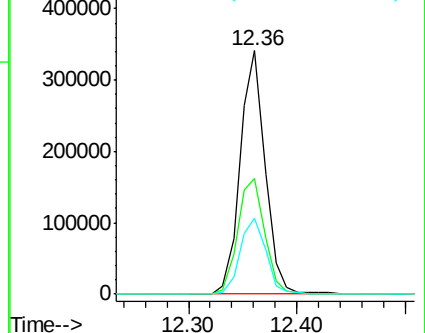
119 31.2 25.4 38.0

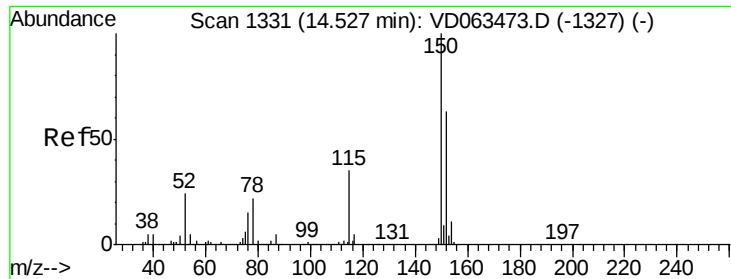


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD063681.D

Acq: 20 Aug 2019 13:38

Instrument :

MSVOA_D

ClientSampleId :

T8-C-(0)RE

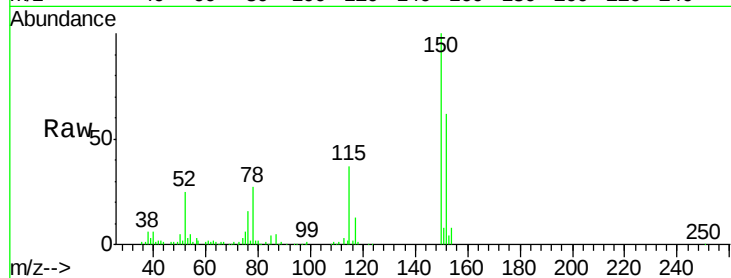
Tot Ion:152 Resp: 119405

Ion Ratio Lower Upper

152 100

115 59.7 30.9 92.7

150 162.0 0.0 318.6



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

