

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063770.D
 Acq On : 23 Aug 2019 17:01
 Operator : JC/SY
 Sample : K4451-03
 Misc : 6.71g/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 26 11:30:36 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

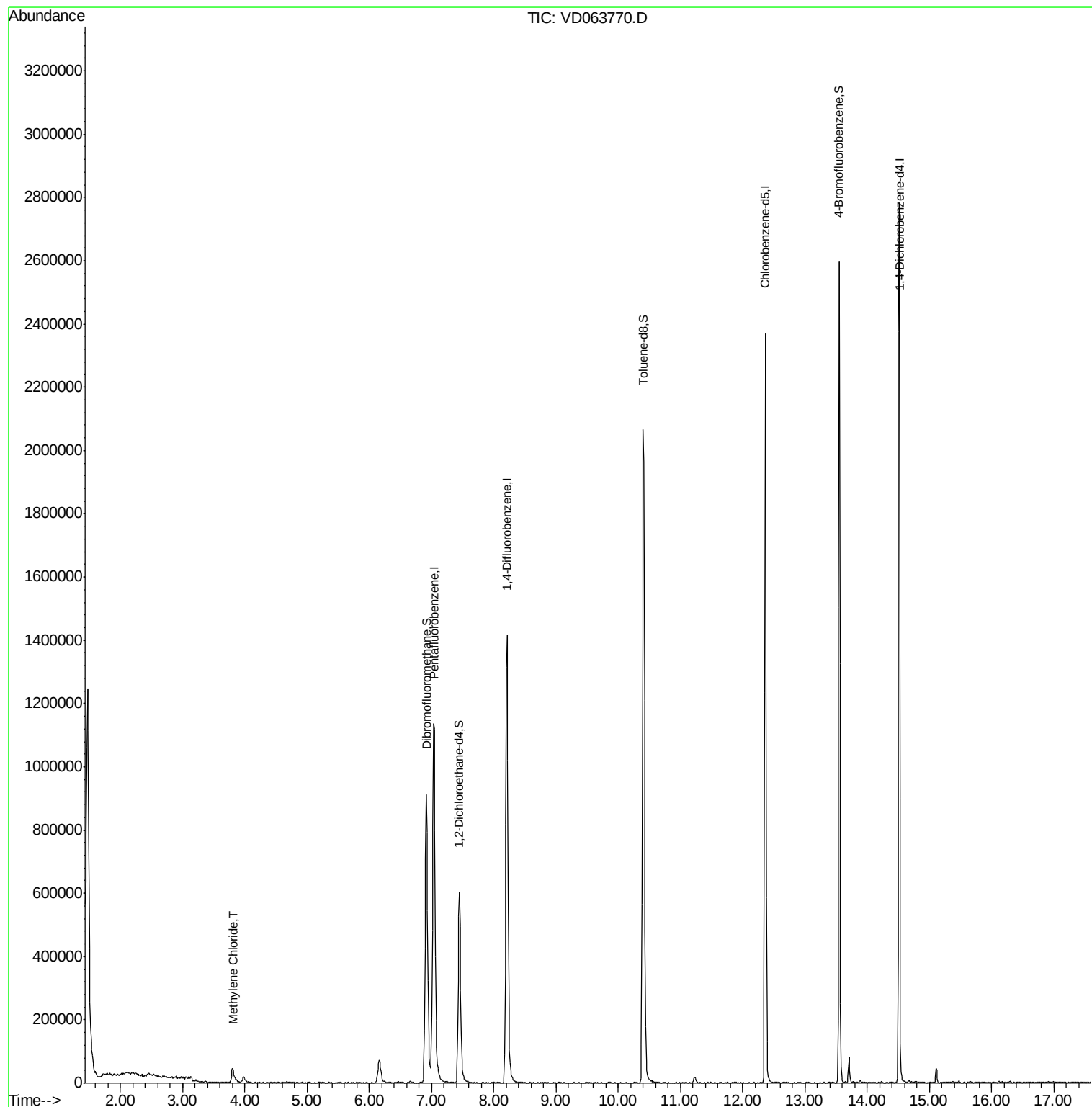
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1136543	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1590987	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1309443	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	656010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	677775	55.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	6.92	113	788238	58.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.66%	
50) Toluene-d8	10.40	98	1762195	59.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	119.64%	
62) 4-Bromofluorobenzene	13.55	95	691781	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
20) Methylene Chloride	3.81	84	29327	2.746	ug/l #	Qvalue 85

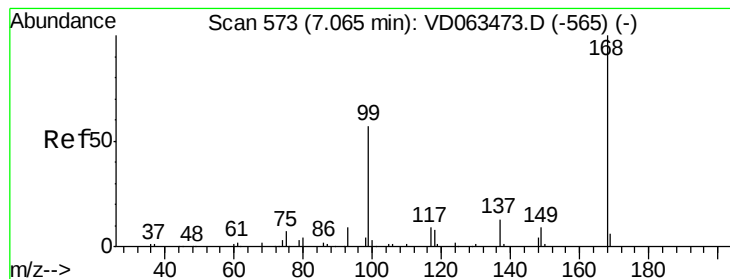
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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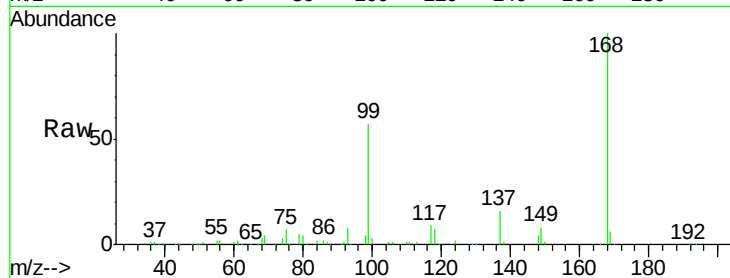
B-3

Tot Ion:168 Resp: 1136543

Ion Ratio Lower Upper

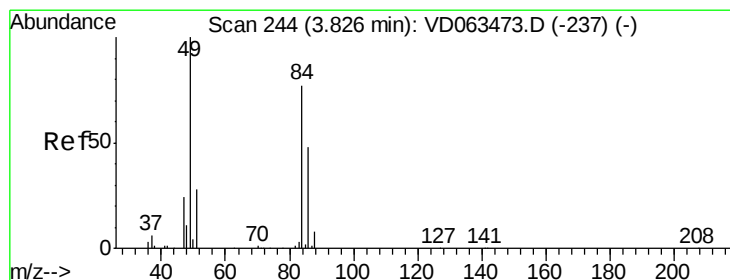
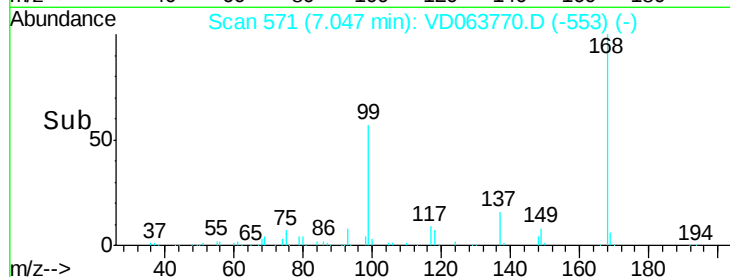
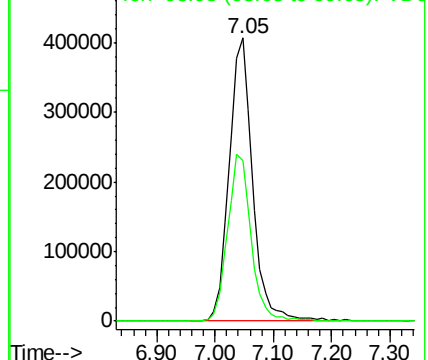
168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.746 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063770.D

Acq: 23 Aug 2019 17:01

Tgt Ion: 84 Resp: 29327

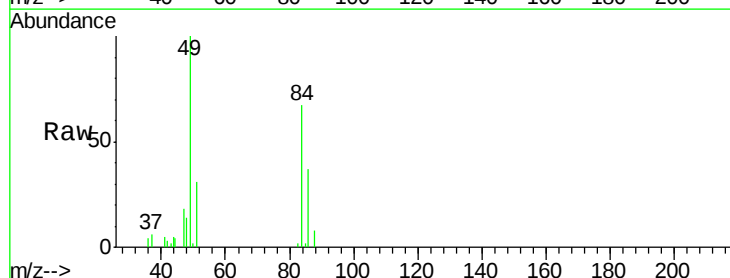
Ion Ratio Lower Upper

84 100

49 149.6 103.4 155.2

51 46.4 28.5 42.7#

86 54.9 49.4 74.2

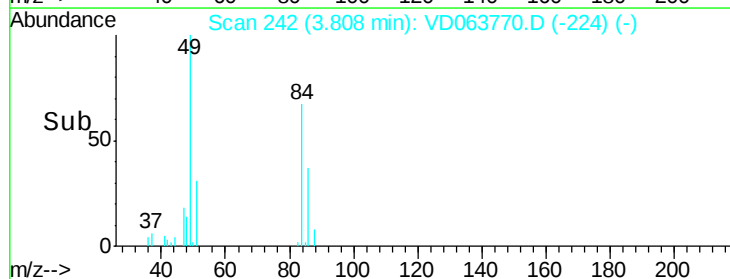
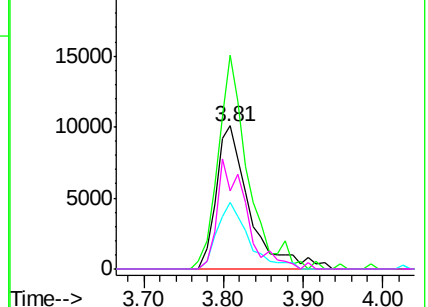


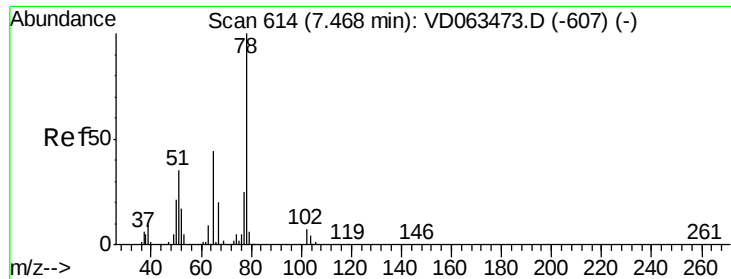
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.790 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063770.D

Acq: 23 Aug 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

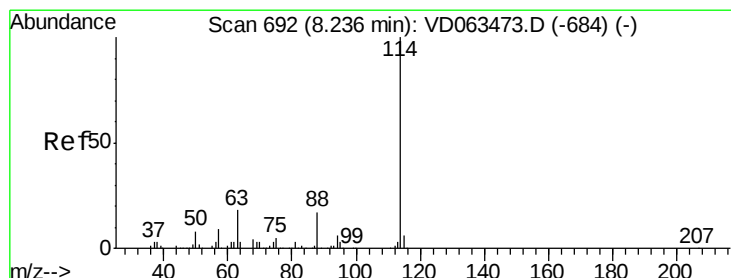
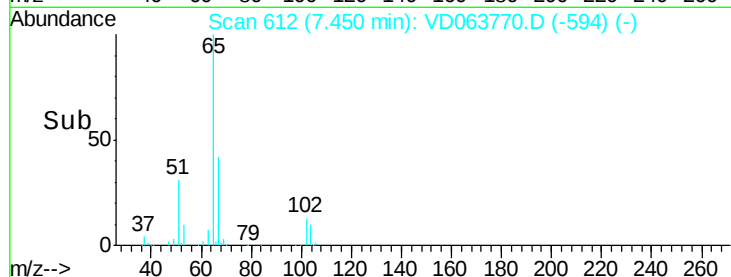
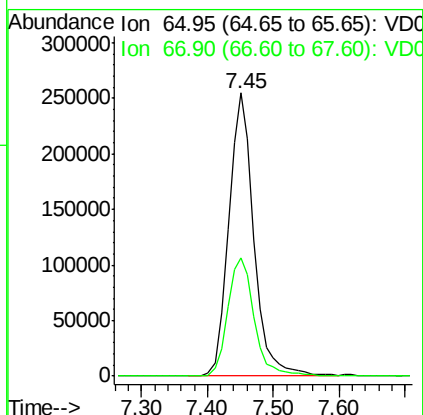
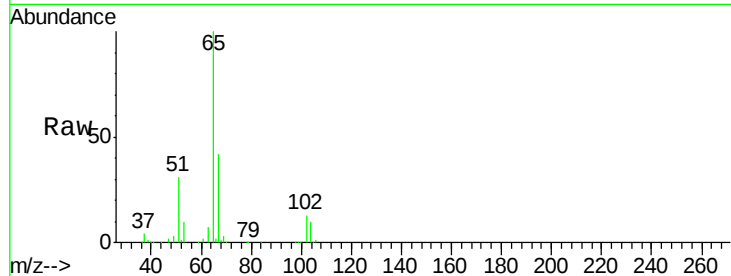
B-3

Tot Ion: 65 Resp: 677775

Ion Ratio Lower Upper

65 100

67 41.7 0.0 89.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063770.D

Acq: 23 Aug 2019 17:01

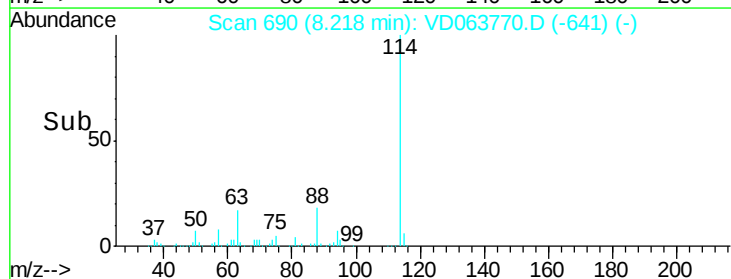
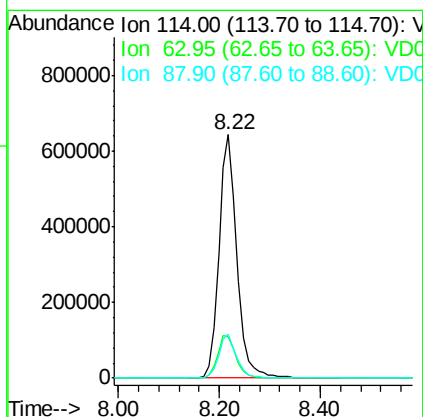
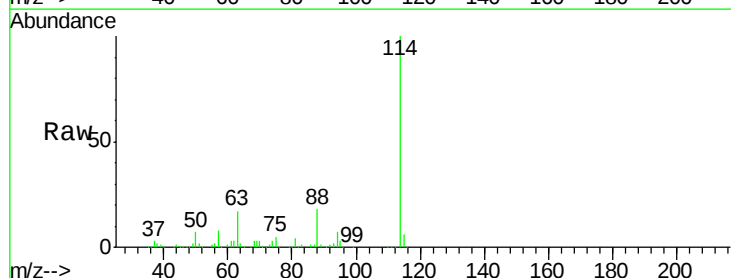
Tgt Ion: 114 Resp: 1590987

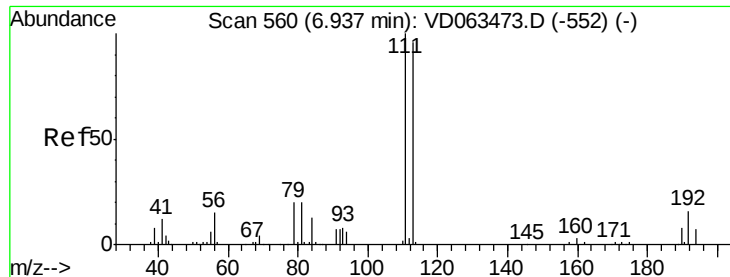
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.2

88 18.0 0.0 35.0

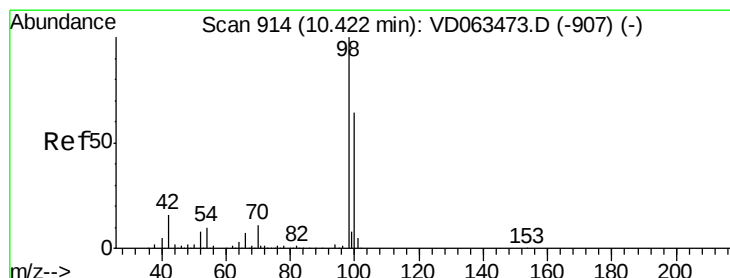
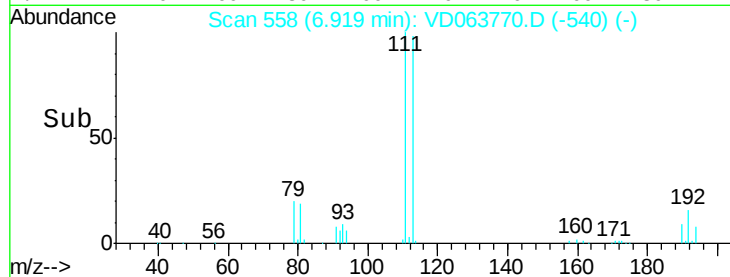
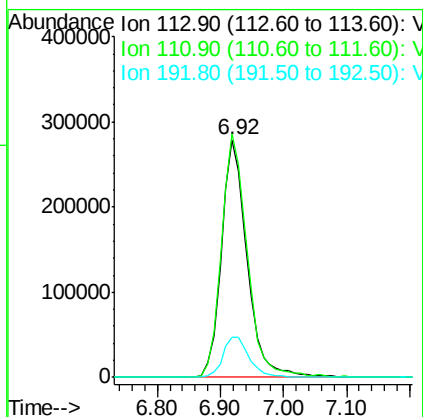
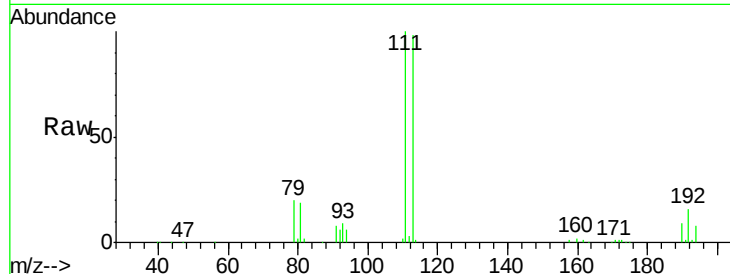




#35
 Dibromofluoromethane
 Concen: 58.826 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063770.D
 Acq: 23 Aug 2019 17:01

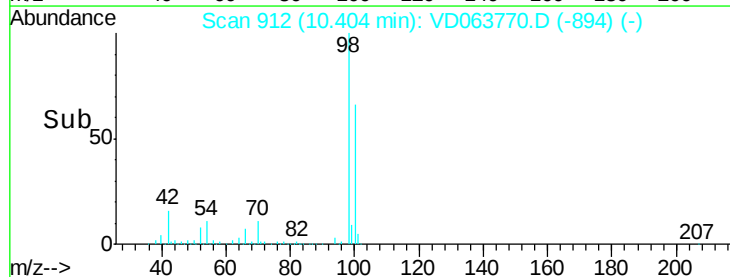
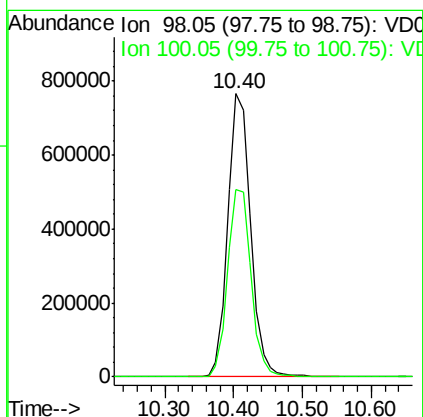
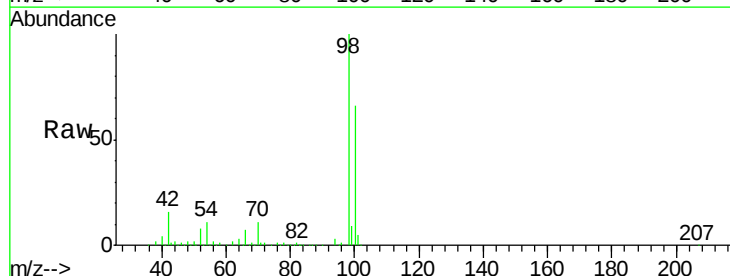
Instrument :
 MSVOA_D
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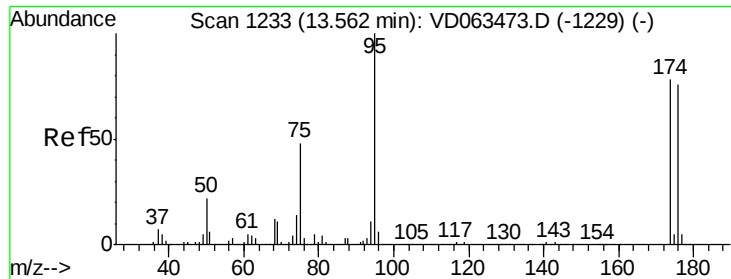
Tot Ion:113 Resp: 788238
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 16.7 13.1 19.7



#50
 Toluene-d8
 Concen: 59.818 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063770.D
 Acq: 23 Aug 2019 17:01

Tgt Ion: 98 Resp: 1762195
 Ion Ratio Lower Upper
 98 100
 100 66.0 51.7 77.5

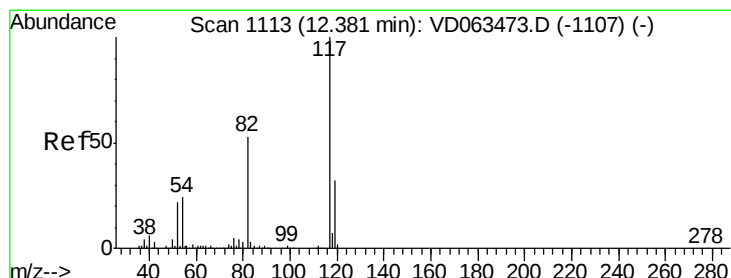
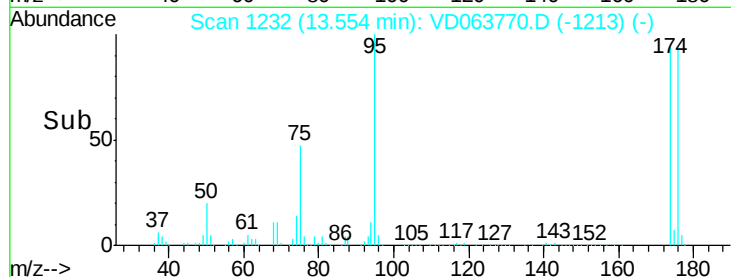
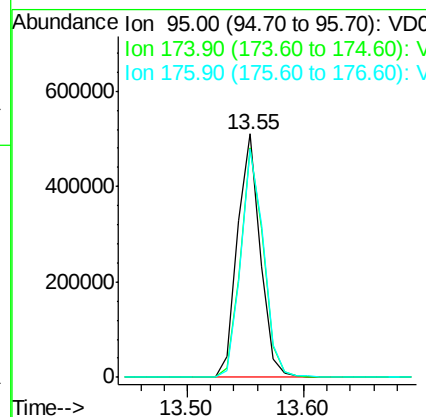
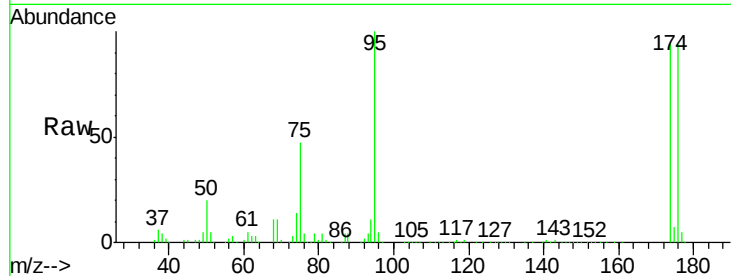




#62
4-Bromofluorobenzene
Concen: 51.810 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063770.D
Acq: 23 Aug 2019 17:01

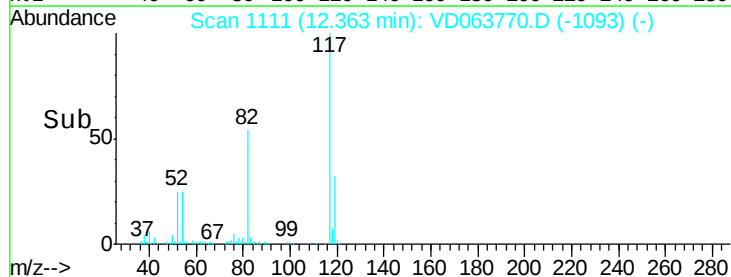
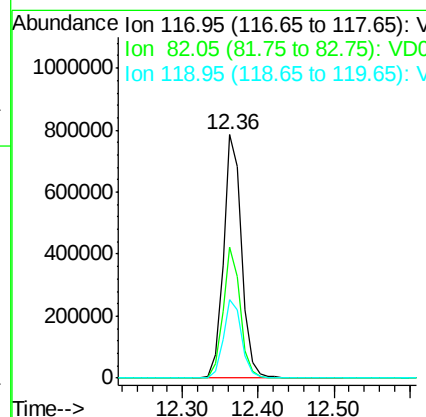
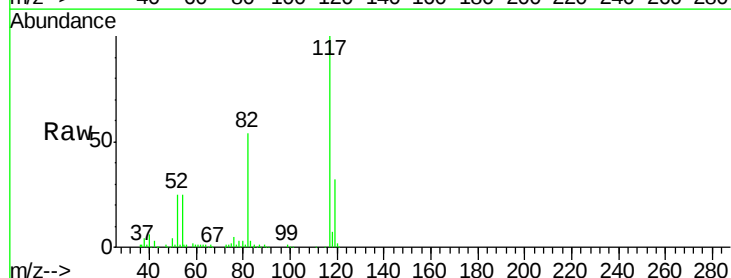
Instrument :
MSVOA_D
ClientSampleId :
B-3

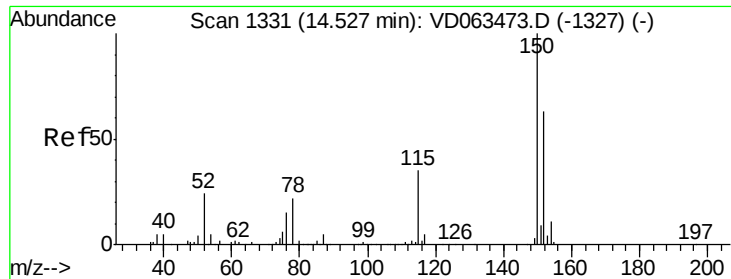
Tot Ion: 95 Resp: 691781
Ion Ratio Lower Upper
95 100
174 94.1 0.0 155.4
176 93.7 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063770.D
Acq: 23 Aug 2019 17:01

Tgt Ion: 117 Resp: 1309443
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063770.D

Acq: 23 Aug 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

B-3

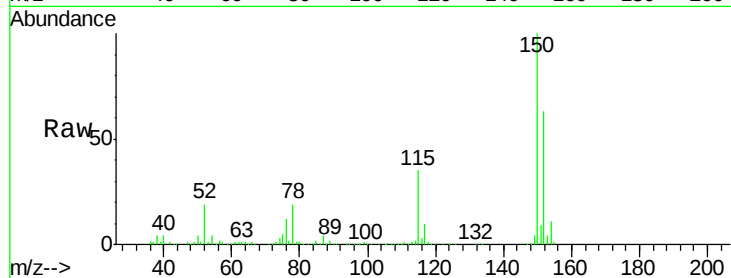
Tot Ion:152 Resp: 656010

Ion Ratio Lower Upper

152 100

115 54.9 30.9 92.7

150 157.9 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

