

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063533.D
 Acq On : 13 Aug 2019 17:58
 Operator : JC/SY
 Sample : K4089-01
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-081219

Quant Time: Aug 14 09:08:19 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

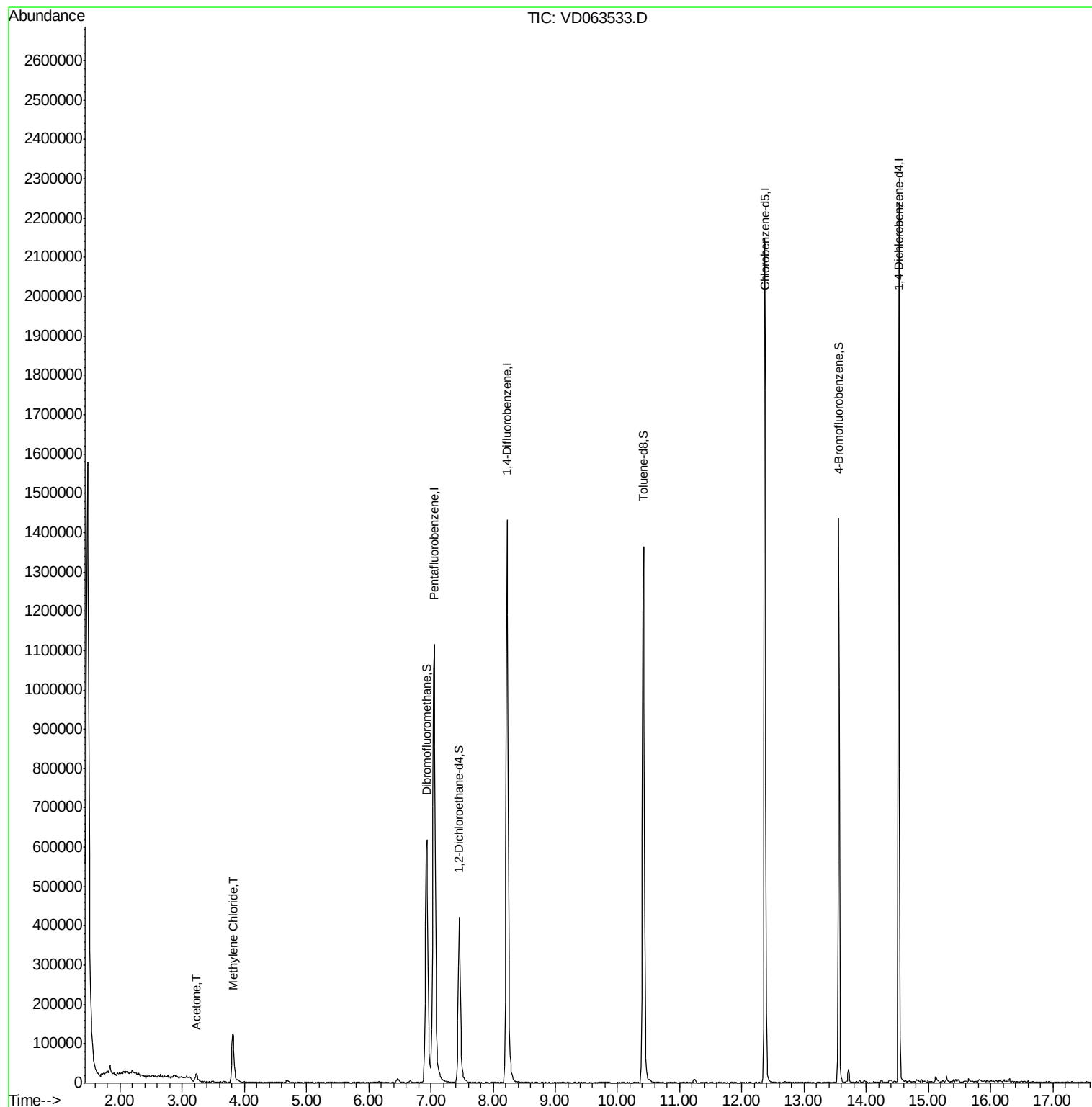
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1102533	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1530512	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1198432	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	473397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	459676	39.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.00%	
35) Dibromofluoromethane	6.93	113	566286	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
50) Toluene-d8	10.42	98	1112119	39.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.56	95	395928	30.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.64%	
Target Compounds						
16) Acetone	3.22	43	38110	15.908	ug/l #	89
20) Methylene Chloride	3.81	84	77208	7.453	ug/l #	96

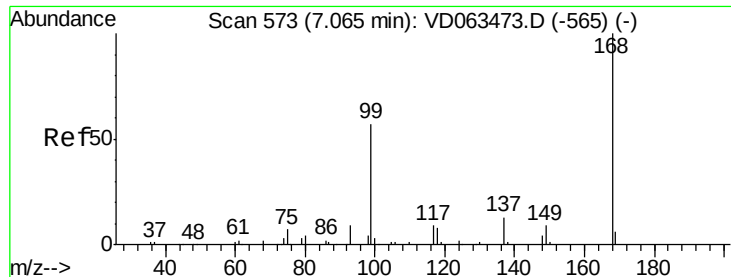
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

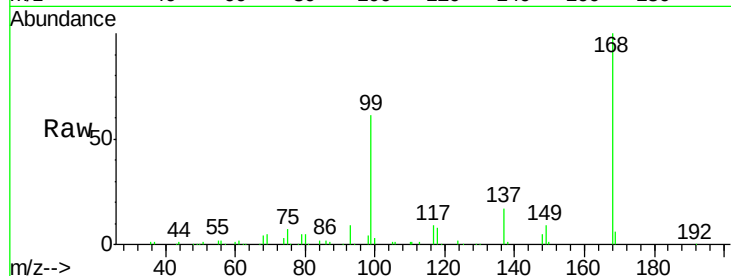
OK-03-081219

Tot Ion:168 Resp: 1102533

Ion Ratio Lower Upper

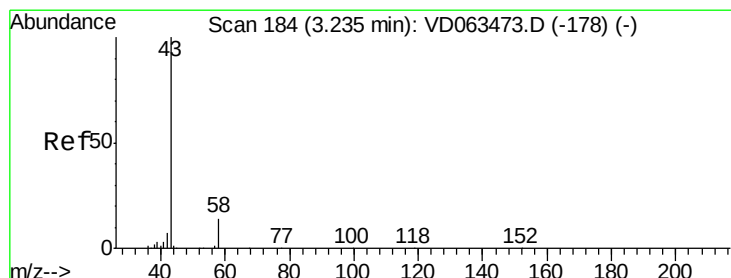
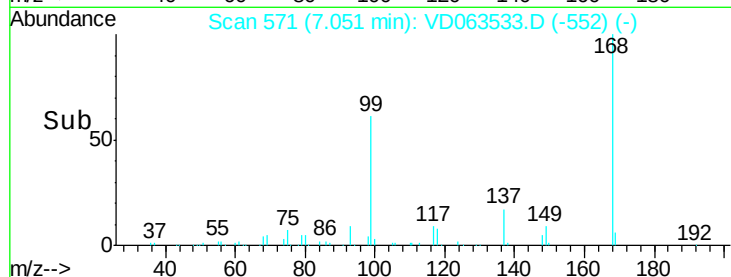
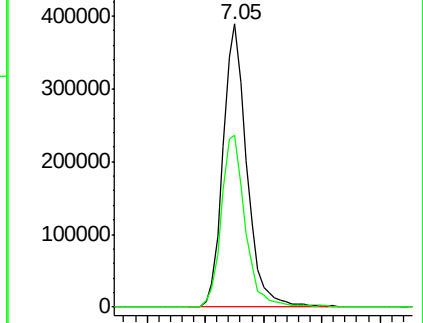
168 100

99 60.8 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: 15.908 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063533.D

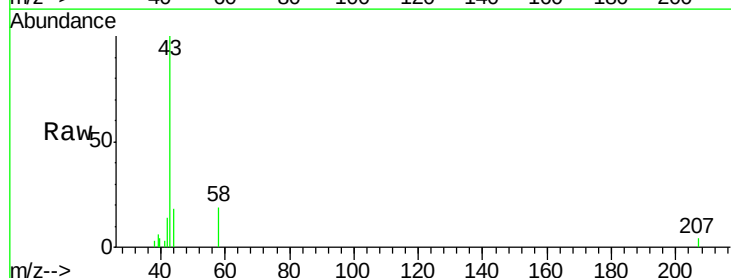
Acq: 13 Aug 2019 17:58

Tgt Ion: 43 Resp: 38110

Ion Ratio Lower Upper

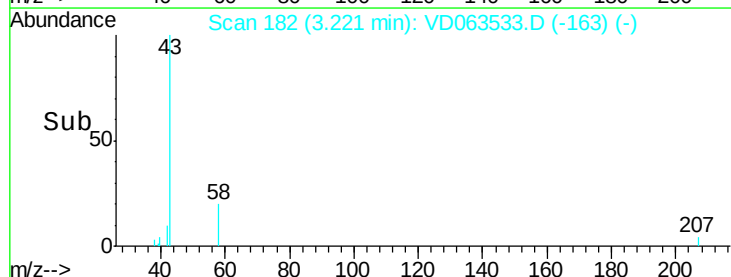
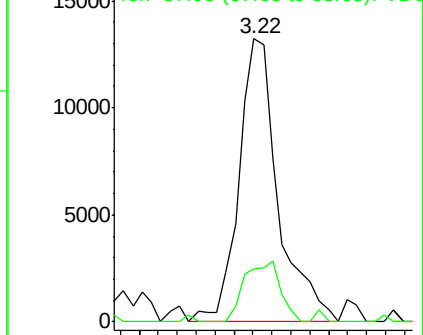
43 100

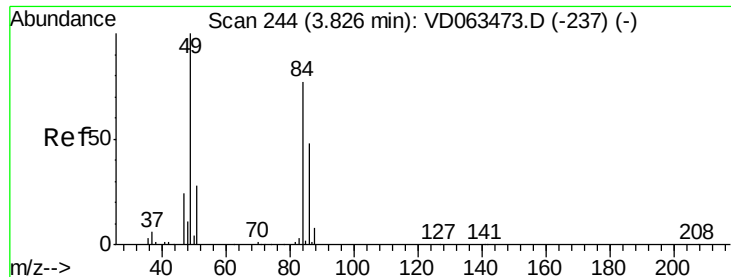
58 18.7 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

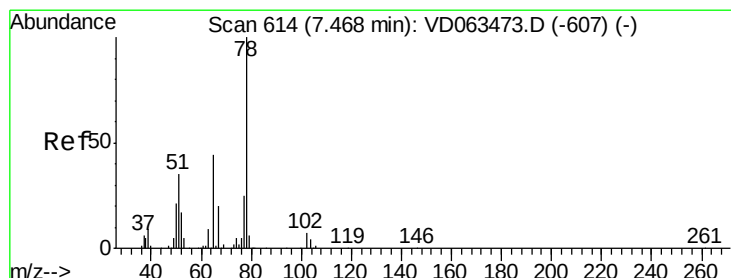
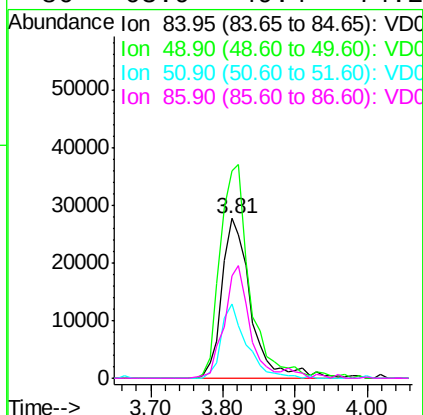
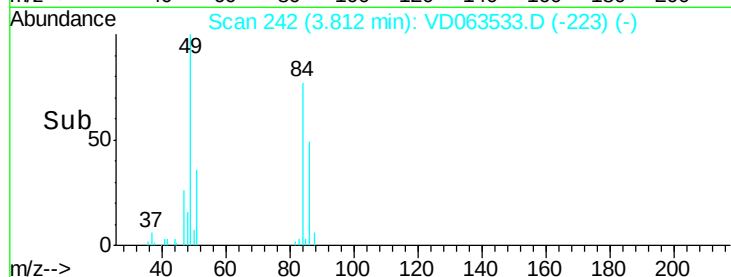
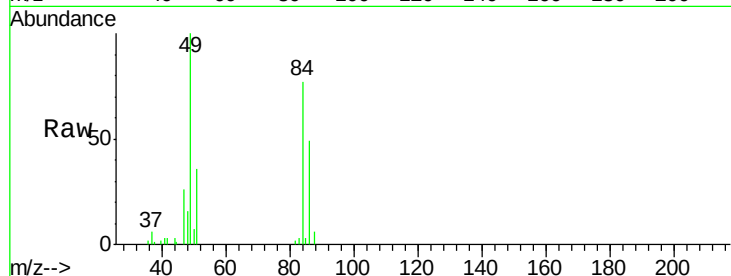




#20
Methylene Chloride
Concen: 7.453 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063533.D
Acq: 13 Aug 2019 17:58

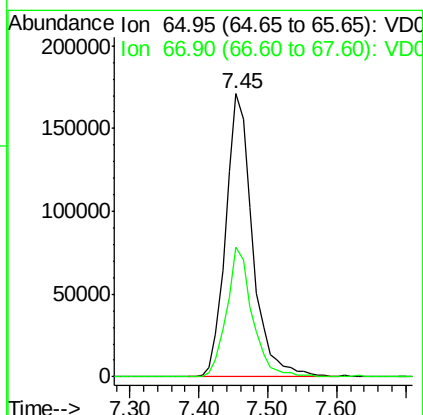
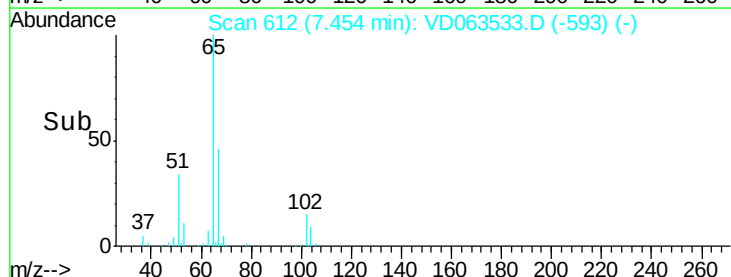
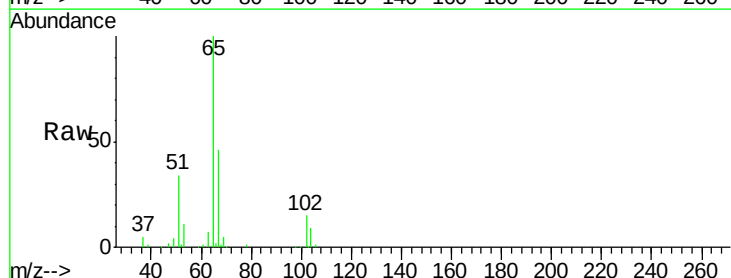
Instrument :
MSVOA_D
ClientSampleId :
OK-03-081219

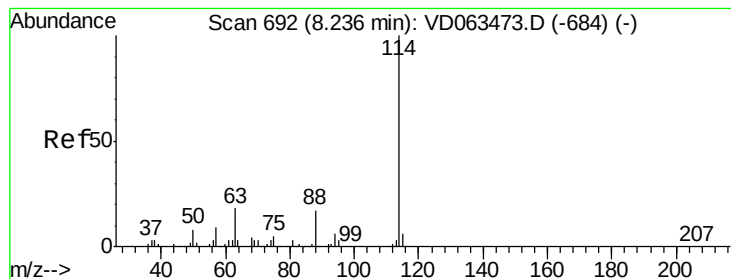
Tot Ion: 84 Resp: 77208
Ion Ratio Lower Upper
84 100
49 129.5 103.4 155.2
51 46.1 28.5 42.7#
86 63.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 39.004 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063533.D
Acq: 13 Aug 2019 17:58

Tgt Ion: 65 Resp: 459676
Ion Ratio Lower Upper
65 100
67 45.8 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063533.D

Acq: 13 Aug 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

OK-03-081219

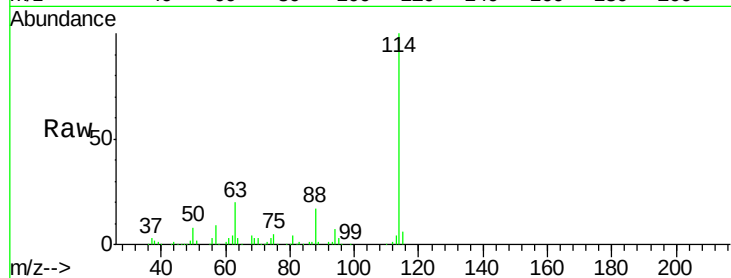
Tot Ion:114 Resp: 1530512

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.2

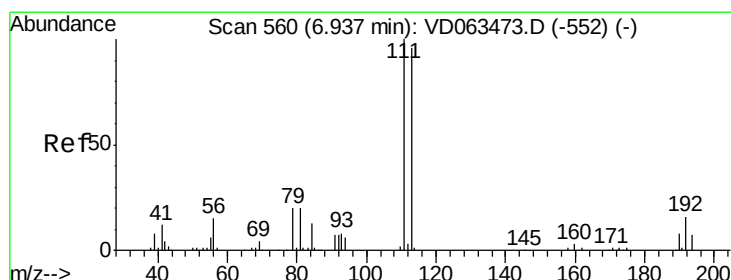
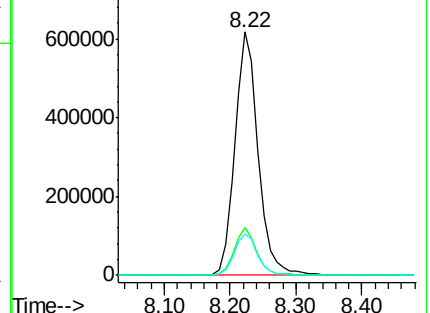
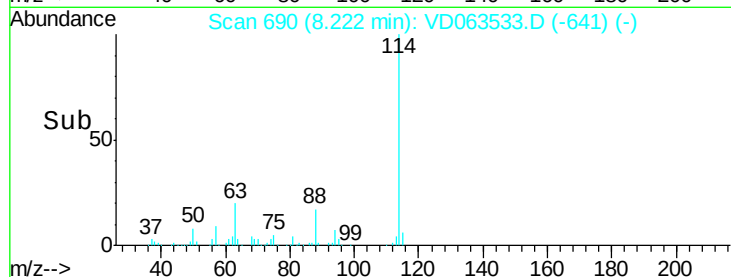
88 16.8 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 43.932 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063533.D

Acq: 13 Aug 2019 17:58

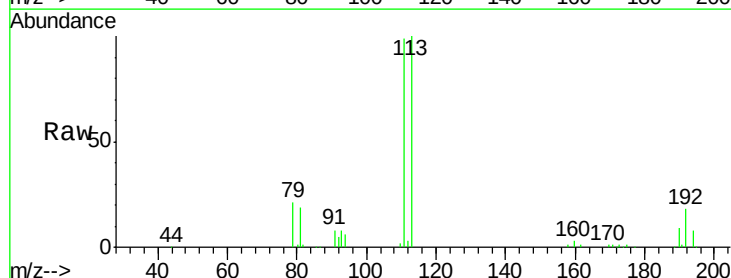
Tgt Ion:113 Resp: 566286

Ion Ratio Lower Upper

113 100

111 98.7 83.1 124.7

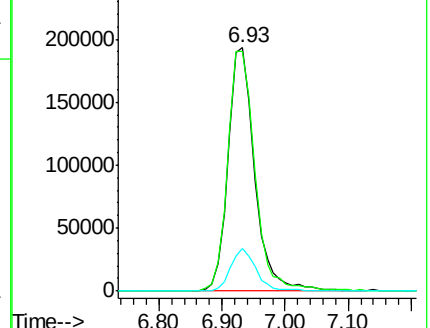
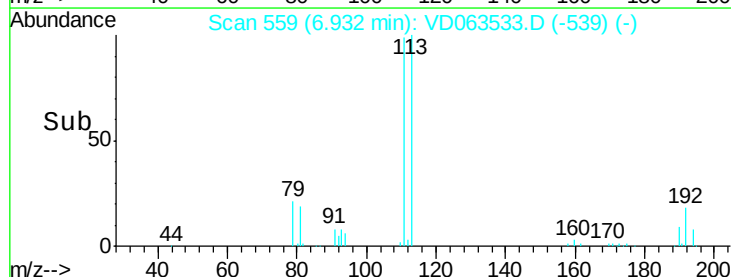
192 17.7 13.1 19.7

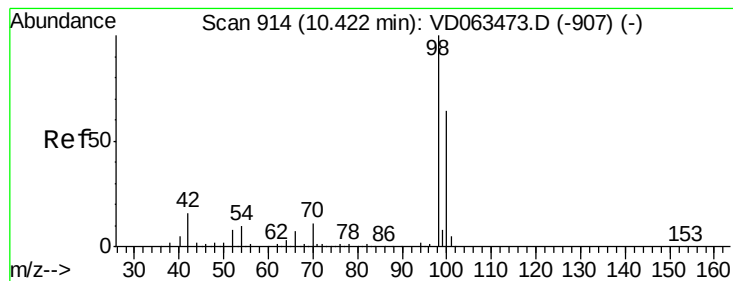


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 39.243 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063533.D

Acq: 13 Aug 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

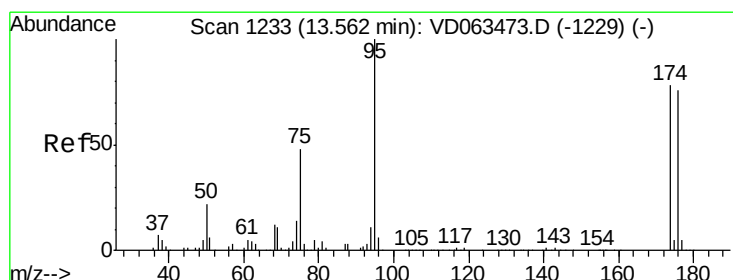
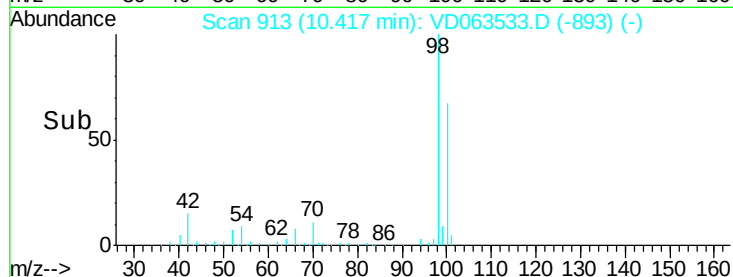
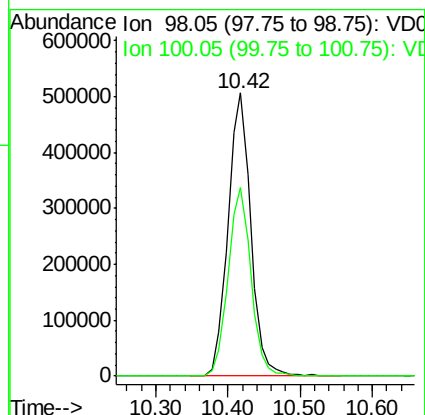
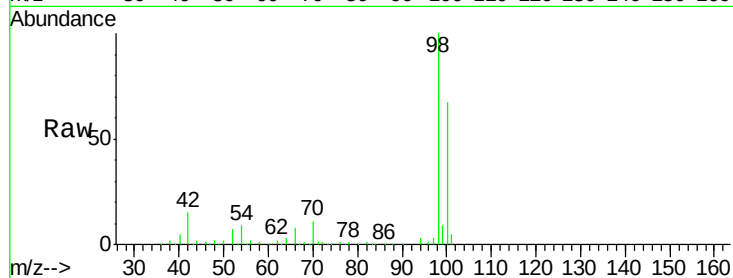
OK-03-081219

Tot Ion: 98 Resp: 1112119

Ion Ratio Lower Upper

98 100

100 66.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 30.824 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063533.D

Acq: 13 Aug 2019 17:58

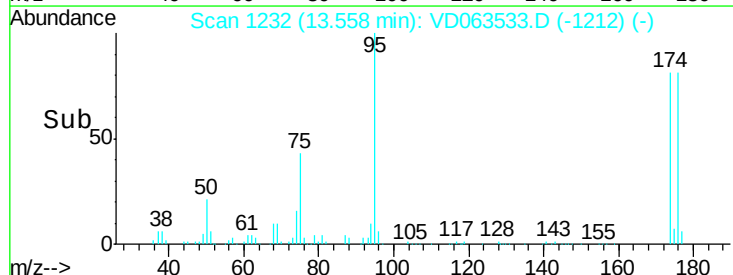
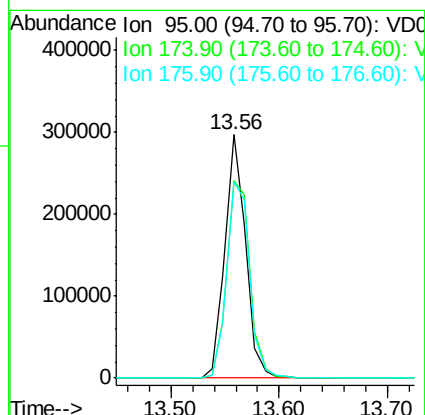
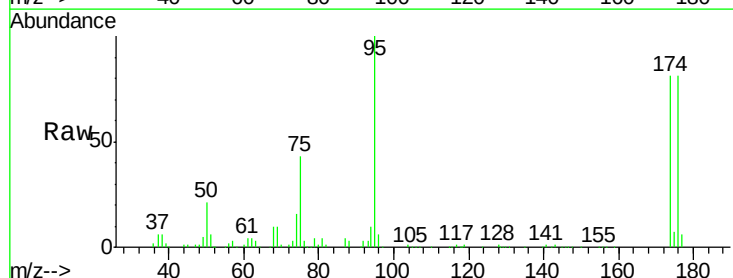
Tgt Ion: 95 Resp: 395928

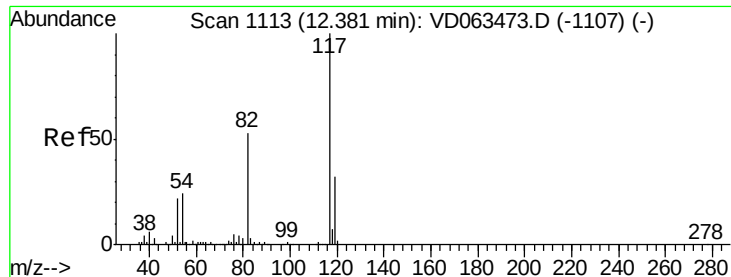
Ion Ratio Lower Upper

95 100

174 81.3 0.0 155.4

176 80.8 0.0 152.4

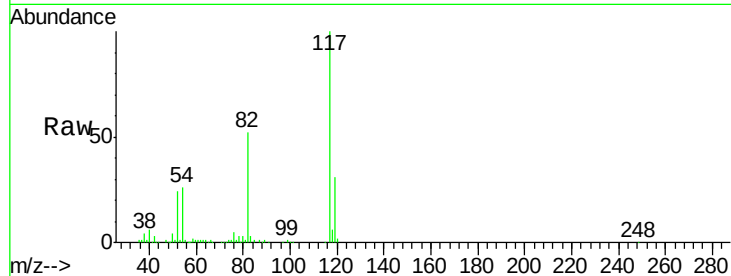




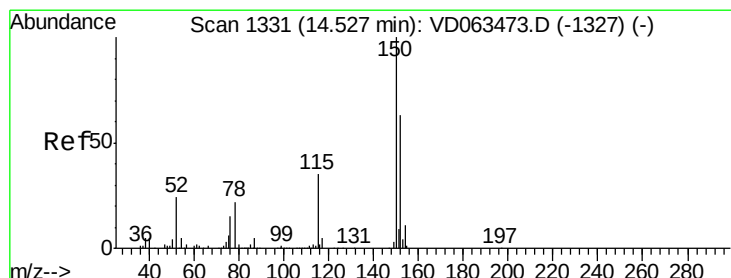
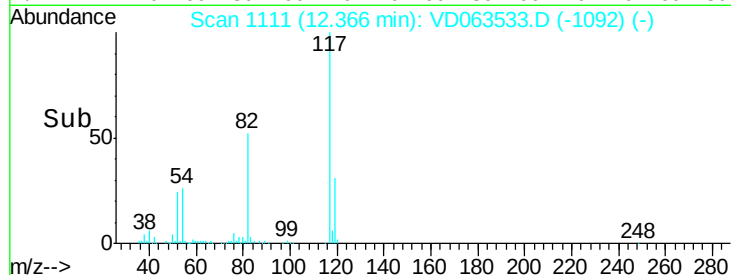
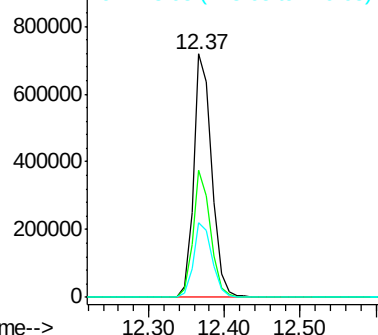
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063533.D
Acq: 13 Aug 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
OK-03-081219

Tot Ion:117 Resp: 1198432
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 30.9 25.4 38.0

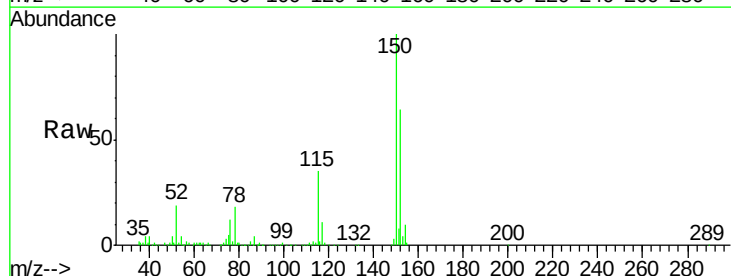


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063533.D
Acq: 13 Aug 2019 17:58

Tgt Ion:152 Resp: 473397
Ion Ratio Lower Upper
152 100
115 54.5 30.9 92.7
150 157.1 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

