

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063578.D
 Acq On : 14 Aug 2019 17:10
 Operator : JC/SY
 Sample : K4328-01
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190612-LOC-15-CF

Quant Time: Aug 15 12:41:24 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

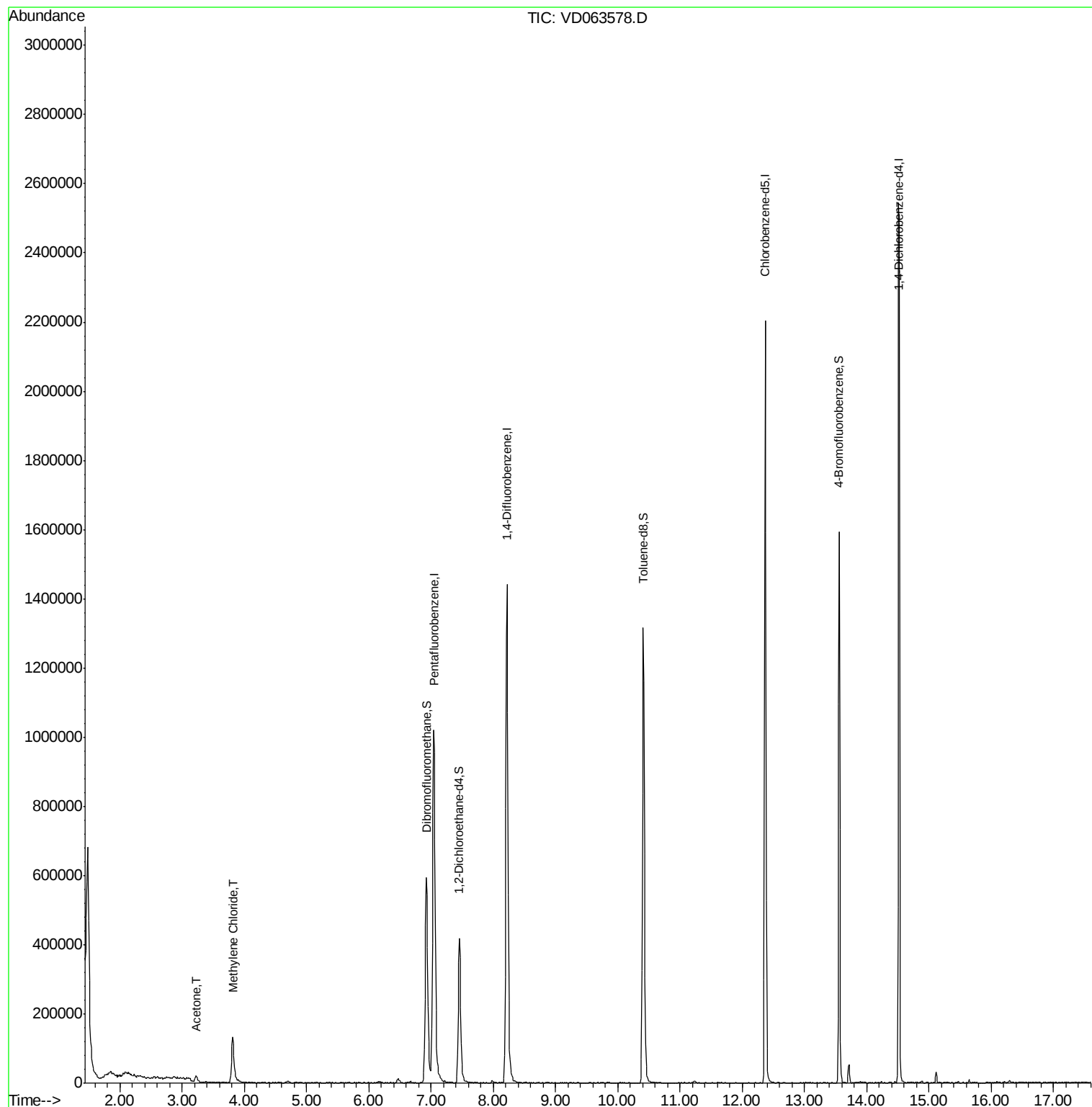
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1012432	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1553966	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1200288	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	622056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	470009	43.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.86%	
35) Dibromofluoromethane	6.92	113	530744	40.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.10%	
50) Toluene-d8	10.41	98	1064228	36.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.98%	
62) 4-Bromofluorobenzene	13.56	95	432165	33.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.28%	
Target Compounds						
16) Acetone	3.22	43	37594	17.089	ug/l	94
20) Methylene Chloride	3.81	84	85543	8.992	ug/l #	88

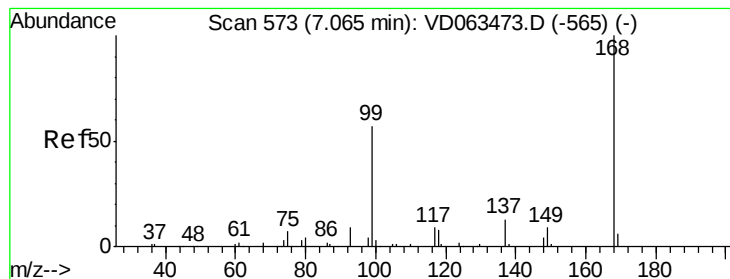
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063578.D

Acq: 14 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

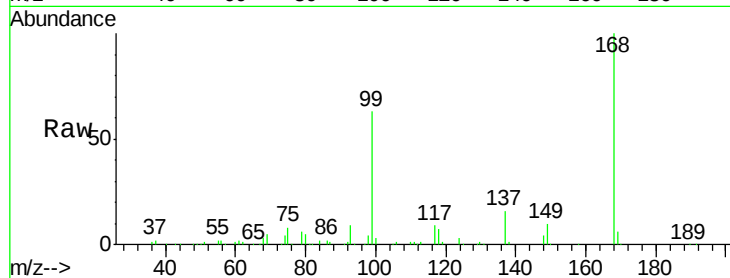
20190612-LOC-15-CF

Tot Ion:168 Resp: 1012432

Ion Ratio Lower Upper

168 100

99 63.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

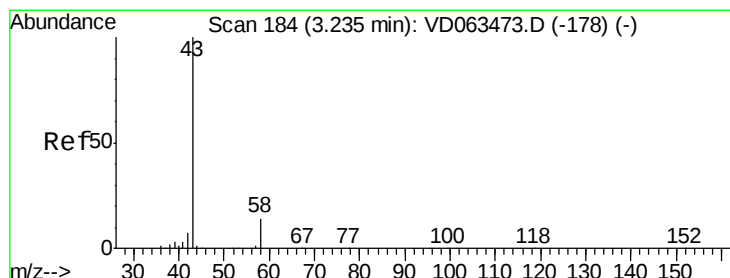
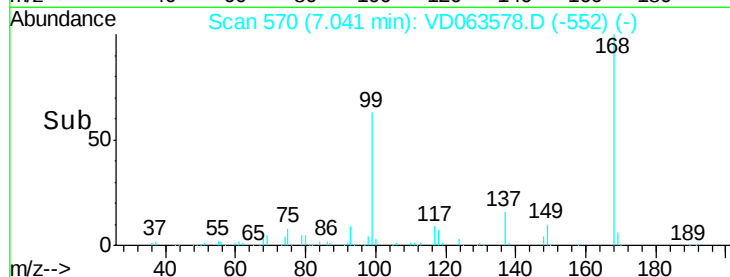
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 17.089 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063578.D

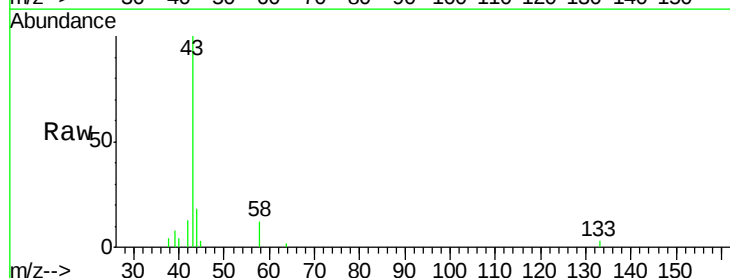
Acq: 14 Aug 2019 17:10

Tgt Ion: 43 Resp: 37594

Ion Ratio Lower Upper

43 100

58 11.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

15000

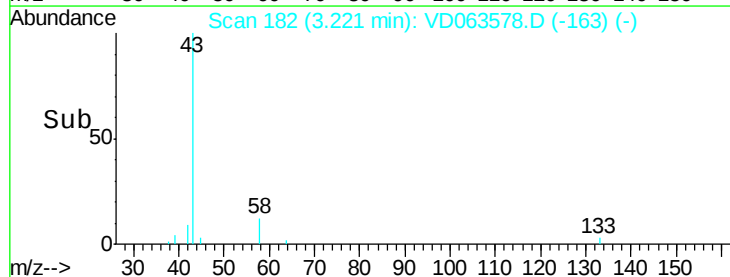
10000

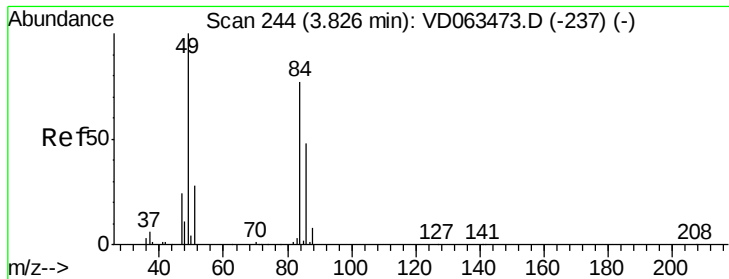
5000

0

Time-->

3.10 3.20 3.30 3.40

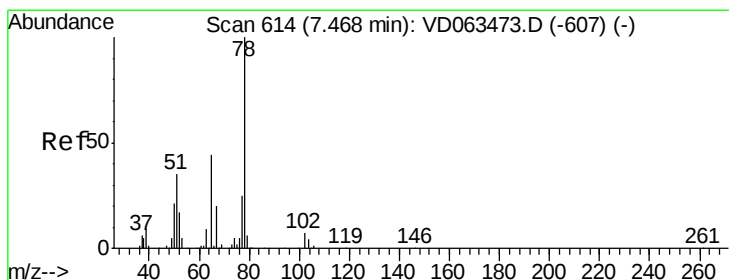
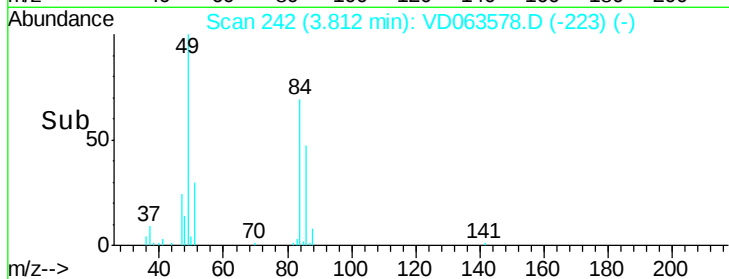
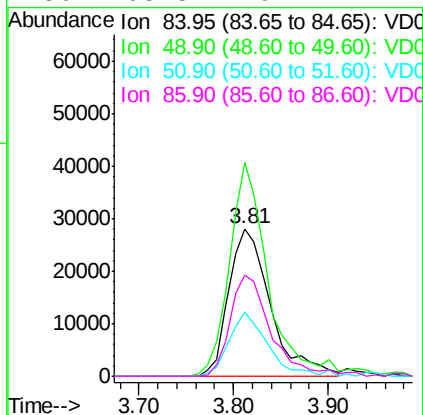
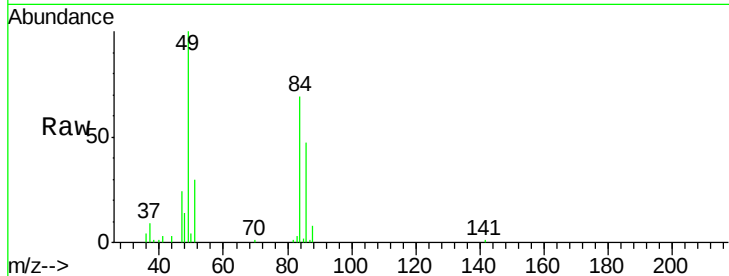




#20
Methylene Chloride
Concen: 8.992 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063578.D
Acq: 14 Aug 2019 17:10

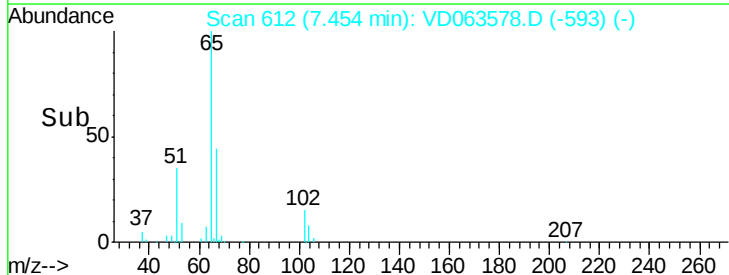
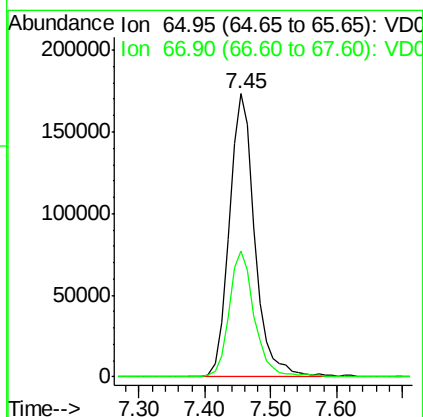
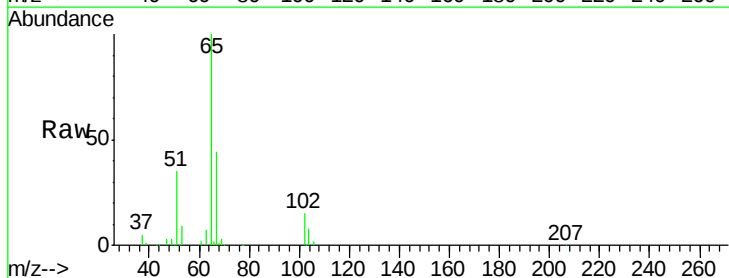
Instrument :
MSVOA_D
ClientSampleId :
20190612-LOC-15-CF

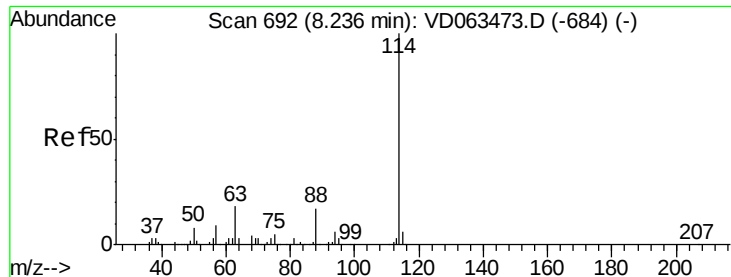
Tot Ion: 84 Resp: 85543
Ion Ratio Lower Upper
84 100
49 145.0 103.4 155.2
51 43.8 28.5 42.7#
86 68.5 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 43.430 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063578.D
Acq: 14 Aug 2019 17:10

Tgt Ion: 65 Resp: 470009
Ion Ratio Lower Upper
65 100
67 44.3 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: VD063578.D

Acq: 14 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

20190612-LOC-15-CF

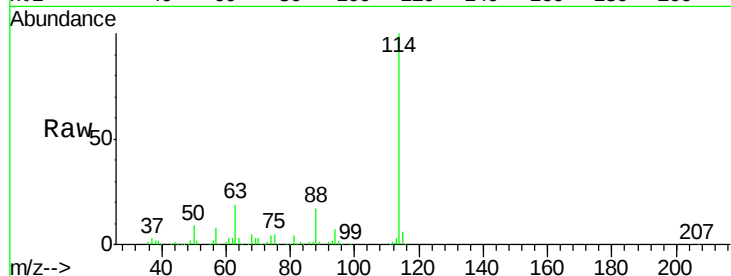
Tot Ion:114 Resp: 1553966

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

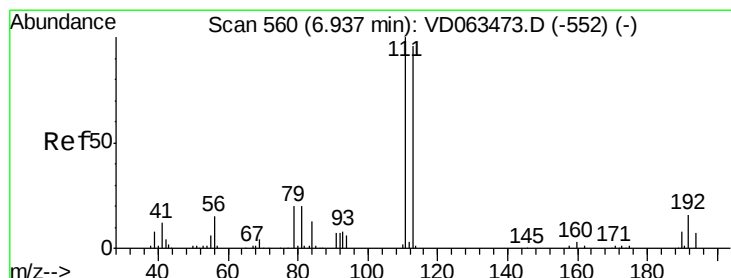
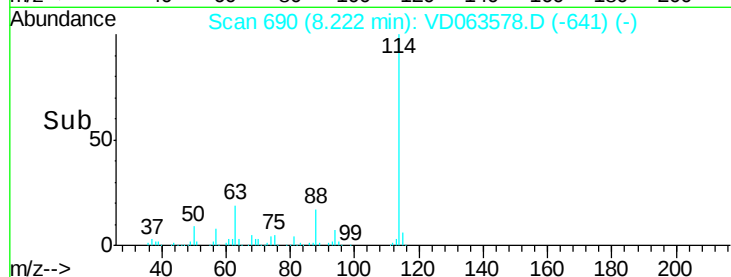
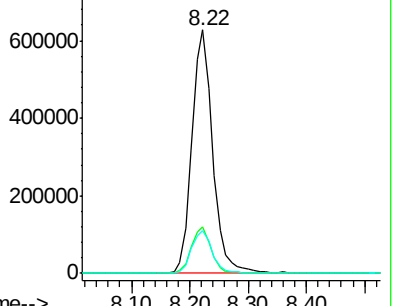
88 17.3 0.0 35.0



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: 40.553 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063578.D

Acq: 14 Aug 2019 17:10

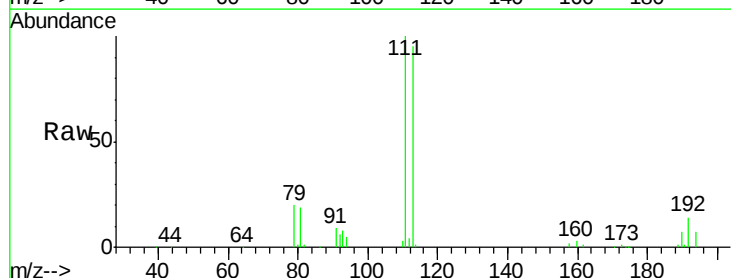
Tgt Ion:113 Resp: 530744

Ion Ratio Lower Upper

113 100

111 105.2 83.1 124.7

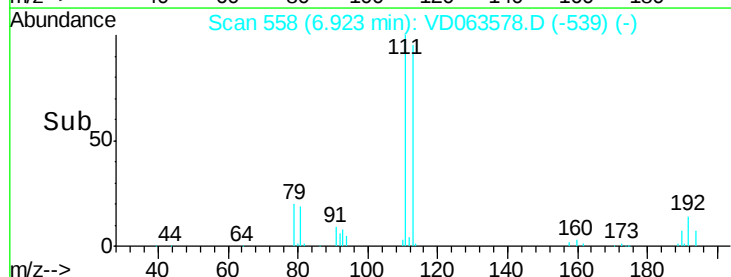
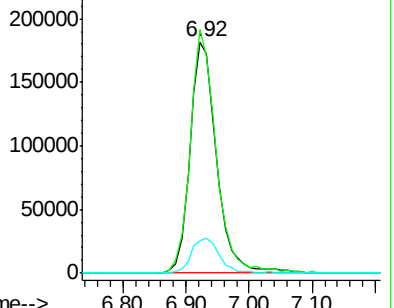
192 14.2 13.1 19.7

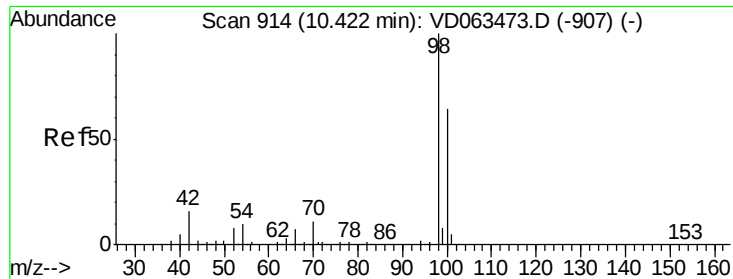


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 36.986 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063578.D

Acq: 14 Aug 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

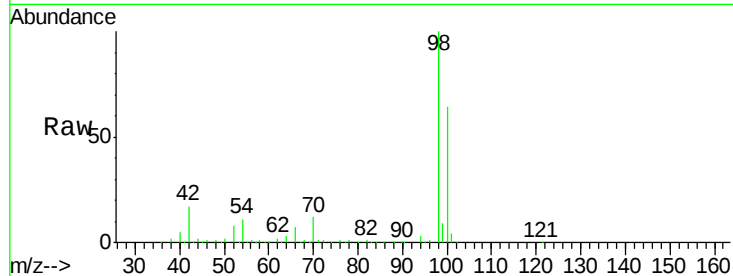
20190612-LOC-15-CF

Tot Ion: 98 Resp: 1064228

Ion Ratio Lower Upper

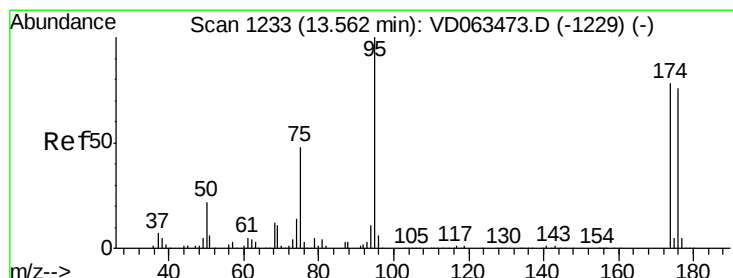
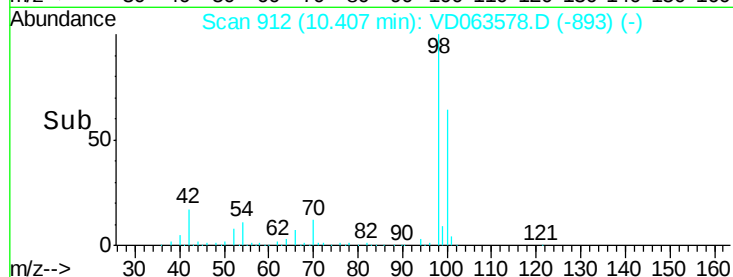
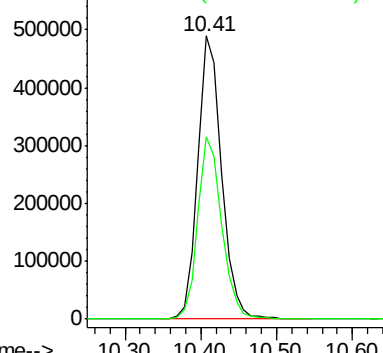
98 100

100 64.3 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 33.138 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063578.D

Acq: 14 Aug 2019 17:10

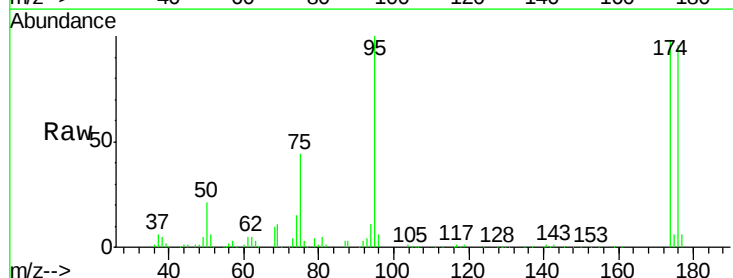
Tgt Ion: 95 Resp: 432165

Ion Ratio Lower Upper

95 100

174 97.6 0.0 155.4

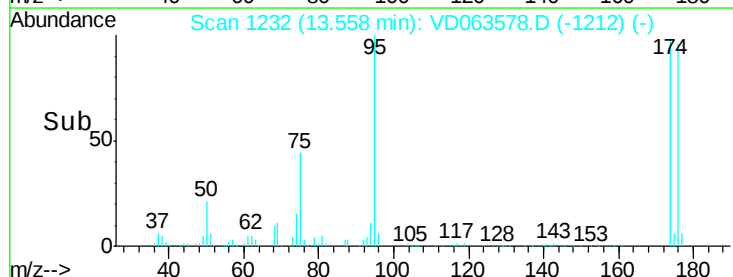
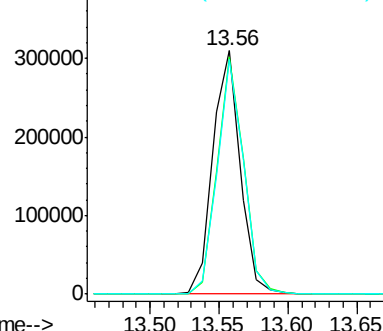
176 96.3 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

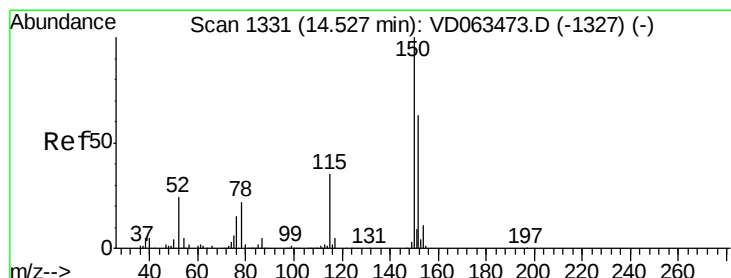
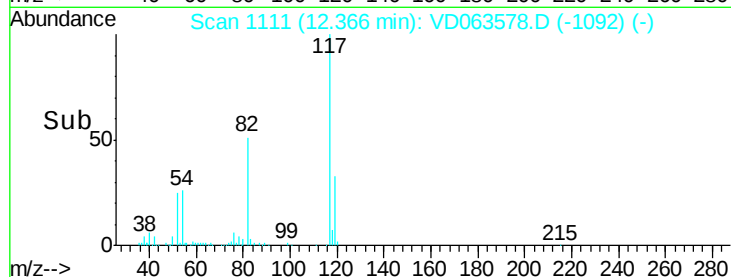
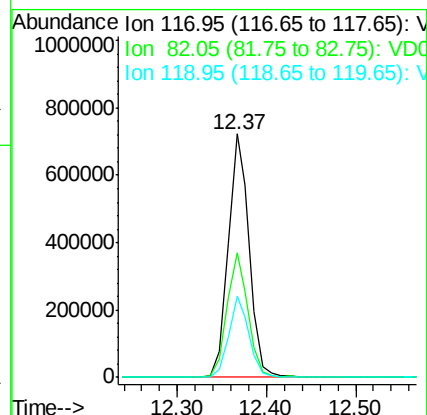
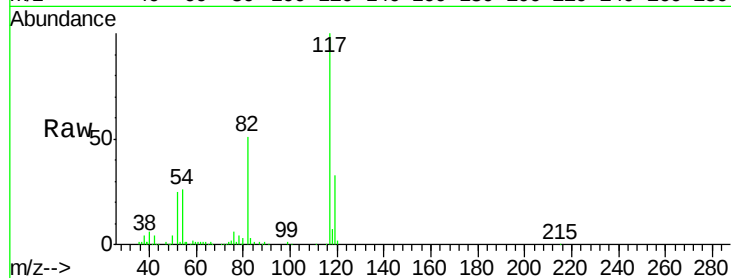




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063578.D
Acq: 14 Aug 2019 17:10

Instrument :
MSVOA_D
ClientSampleId :
20190612-LOC-15-CF

Tot Ion:117 Resp: 1200288
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063578.D
Acq: 14 Aug 2019 17:10

Tgt Ion:152 Resp: 622056
Ion Ratio Lower Upper
152 100
115 52.3 30.9 92.7
150 151.2 0.0 318.6

