

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063489.D
 Acq On : 12 Aug 2019 16:00
 Operator : JC/SY
 Sample : K4245-06
 Misc : 4.92g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-27

Quant Time: Aug 13 08:24:25 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

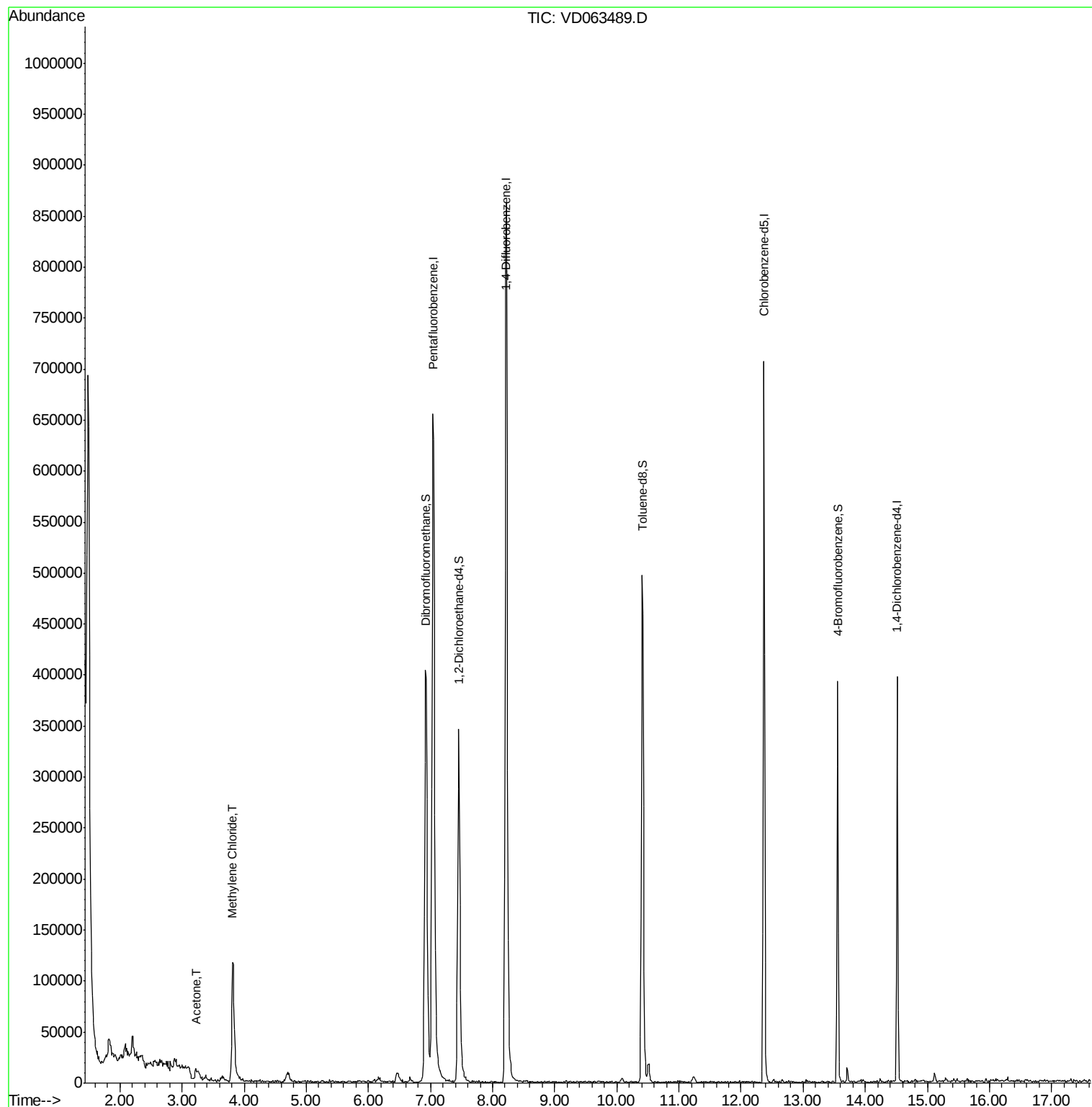
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	659916	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	958475	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	385009	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	89468	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	370115	52.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.94%	
35) Dibromofluoromethane	6.92	113	376156	46.60	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.41	98	429790	24.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	48.44%	
62) 4-Bromofluorobenzene	13.56	95	115217	14.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.64%	
Target Compounds						
16) Acetone	3.23	43	18515	12.912	ug/l	93
20) Methylene Chloride	3.82	84	69800	11.257	ug/l	84

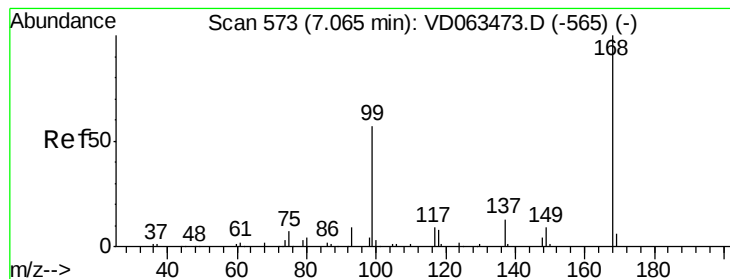
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063489.D

Acq: 12 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

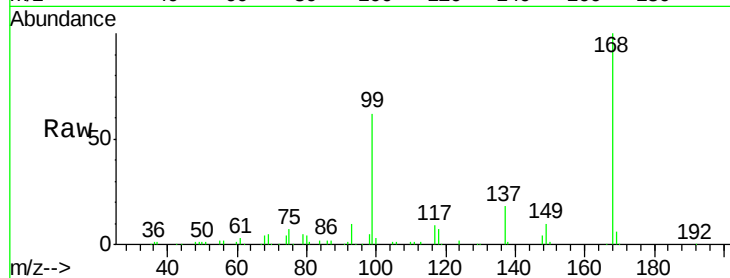
VOC-27

Tot Ion:168 Resp: 659916

Ion Ratio Lower Upper

168 100

99 61.6 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

250000

200000

150000

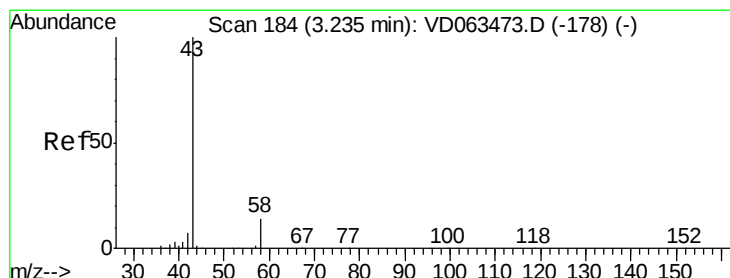
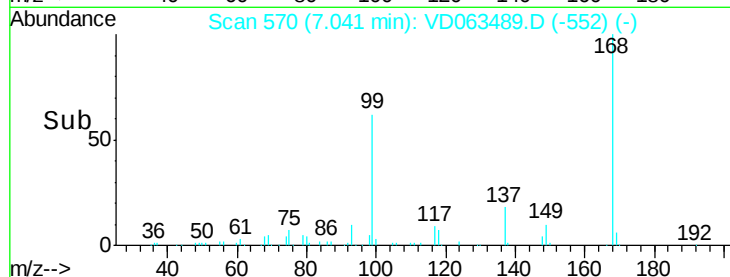
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 12.912 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD063489.D

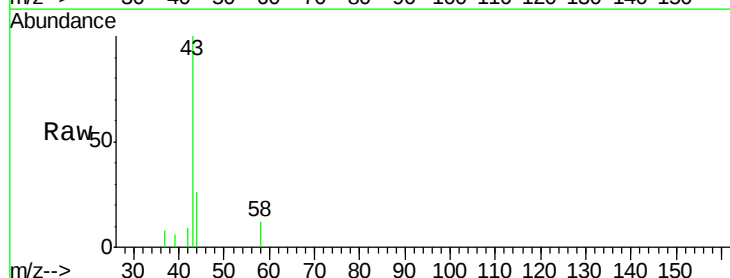
Acq: 12 Aug 2019 16:00

Tgt Ion: 43 Resp: 18515

Ion Ratio Lower Upper

43 100

58 11.6 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

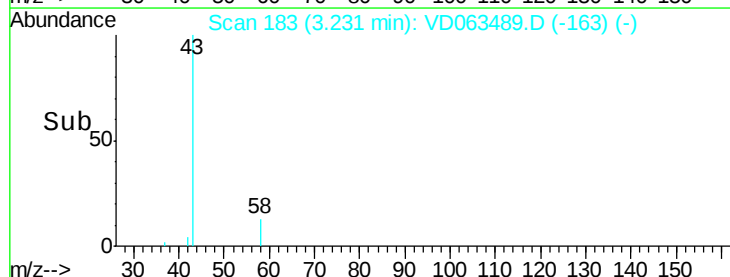
4000

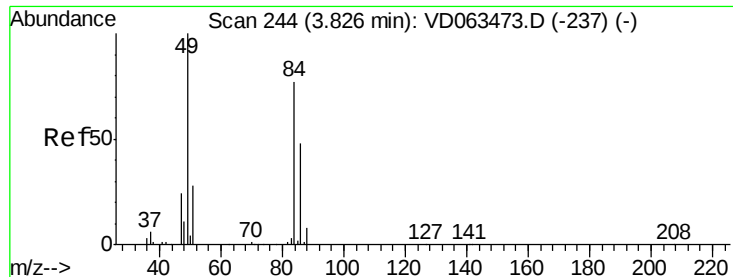
2000

0

Time-->

3.15 3.20 3.25 3.30

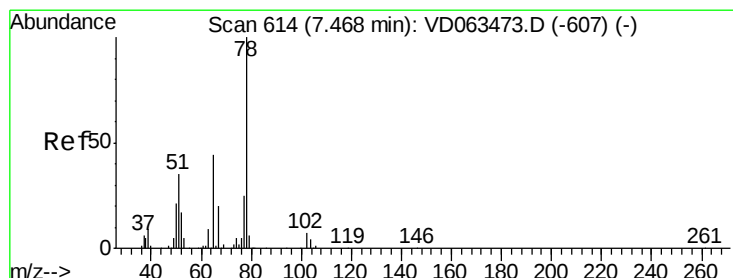
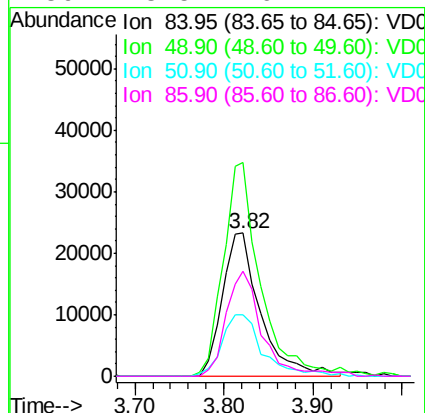
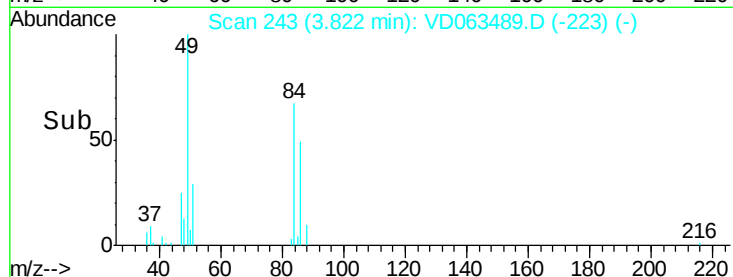
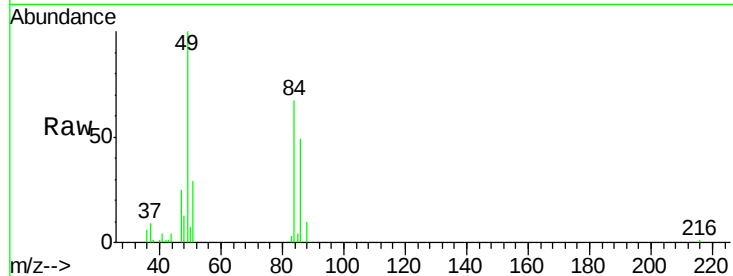




#20
Methvlene Chloride
Concen: 11.257 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD063489.D
Acq: 12 Aug 2019 16:00

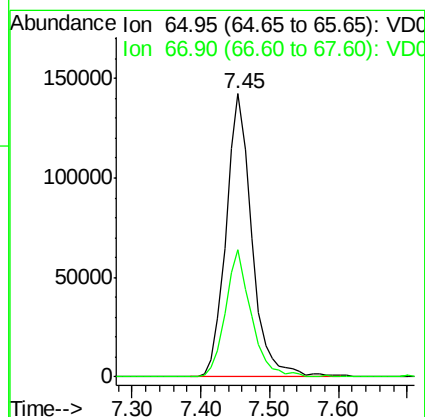
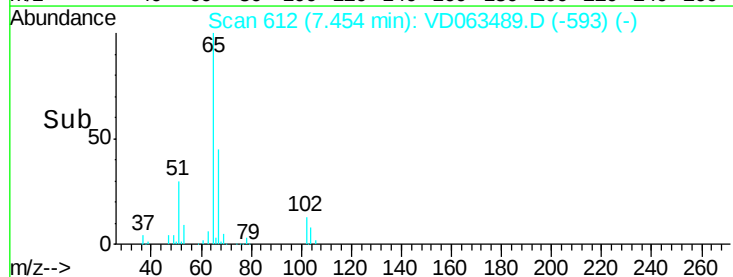
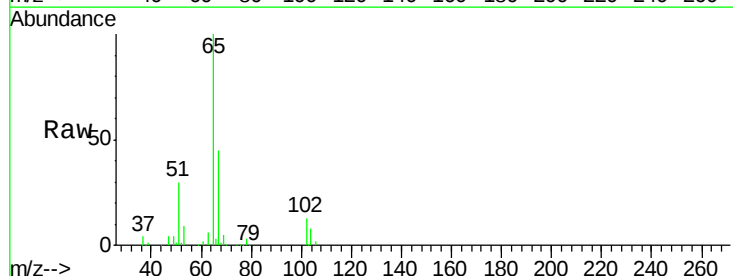
Instrument :
MSVOA_D
ClientSampleId :
VOC-27

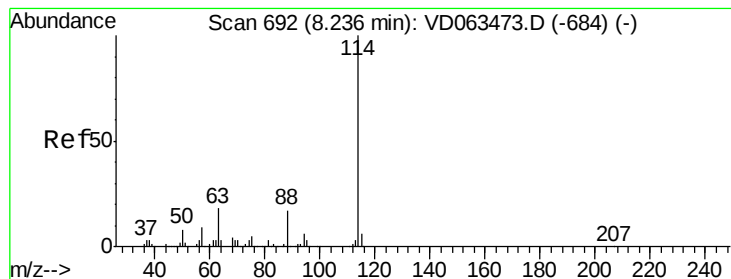
Tot Ion: 84 Resp: 69800
Ion Ratio Lower Upper
84 100
49 149.4 103.4 155.2
51 42.7 28.5 42.7
86 73.5 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 52.469 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063489.D
Acq: 12 Aug 2019 16:00

Tgt Ion: 65 Resp: 370115
Ion Ratio Lower Upper
65 100
67 45.2 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: VD063489.D

Acq: 12 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

VOC-27

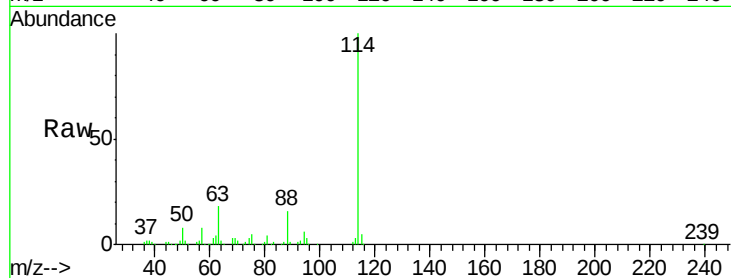
Tot Ion:114 Resp: 958475

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

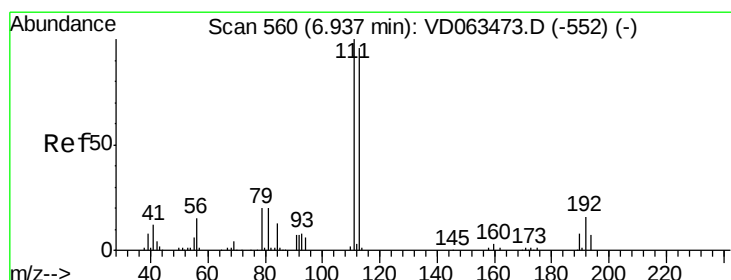
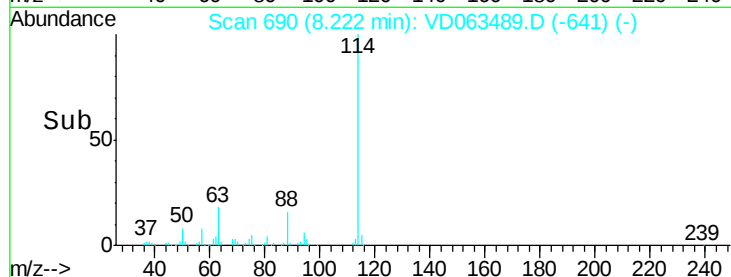
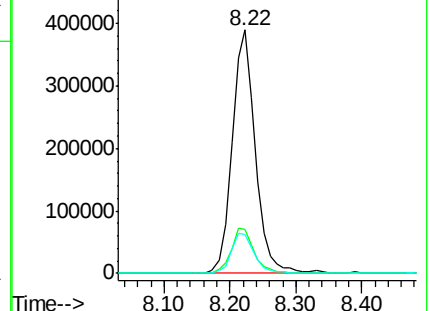
88 16.0 0.0 35.0



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: 46.598 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063489.D

Acq: 12 Aug 2019 16:00

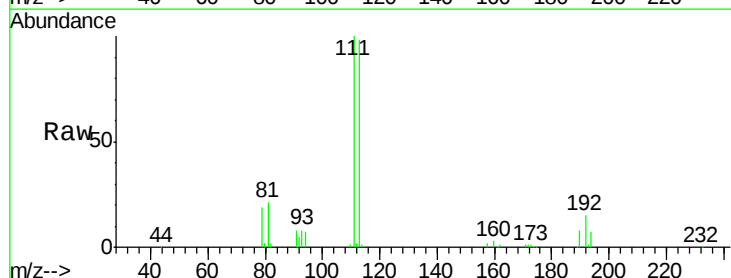
Tgt Ion:113 Resp: 376156

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

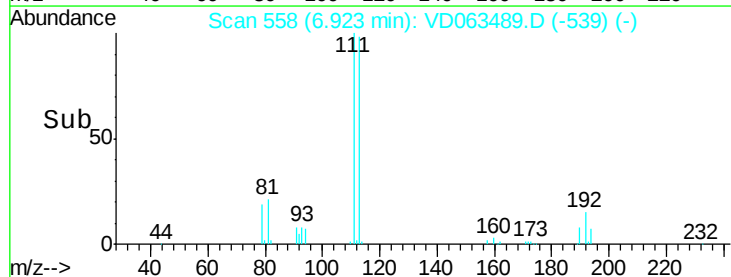
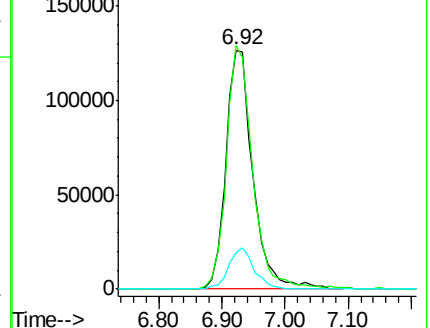
192 15.2 13.1 19.7

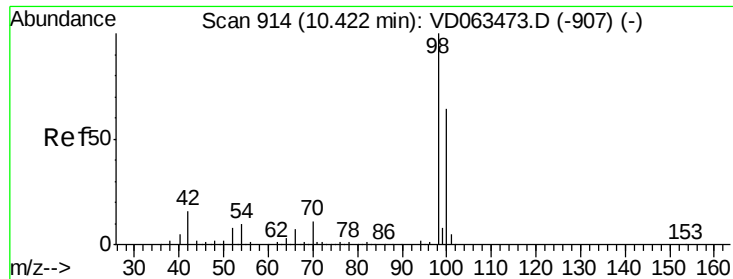


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 24.217 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063489.D

Acq: 12 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

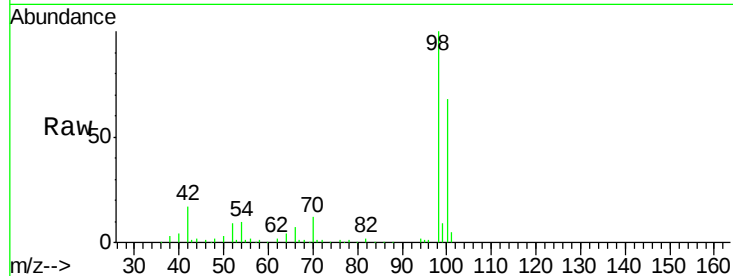
VOC-27

Tot Ion: 98 Resp: 429790

Ion Ratio Lower Upper

98 100

100 67.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

200000

150000

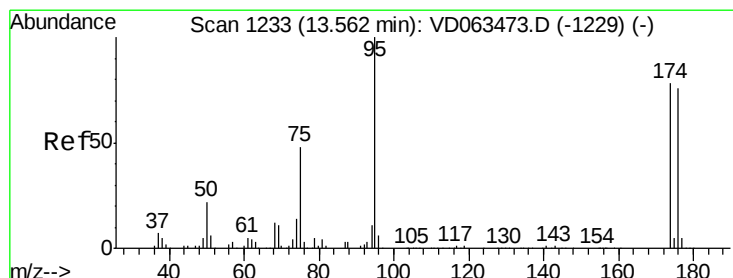
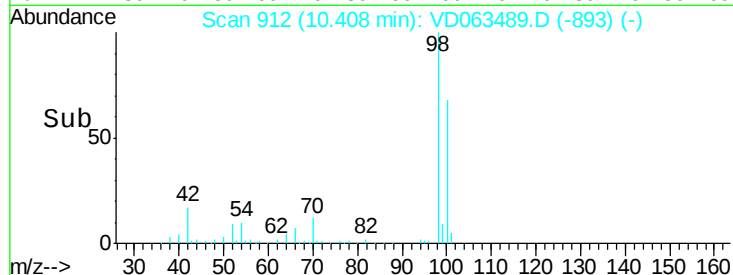
100000

50000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 14.324 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063489.D

Acq: 12 Aug 2019 16:00

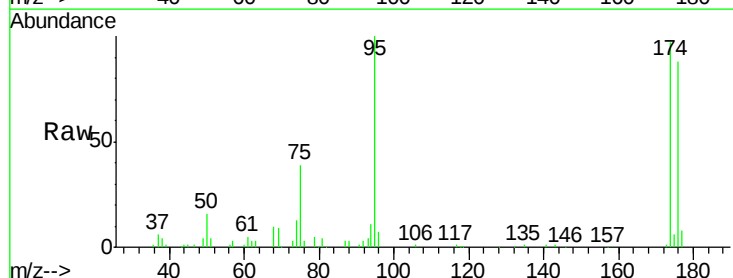
Tgt Ion: 95 Resp: 115217

Ion Ratio Lower Upper

95 100

174 96.6 0.0 155.4

176 87.9 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

100000

80000

60000

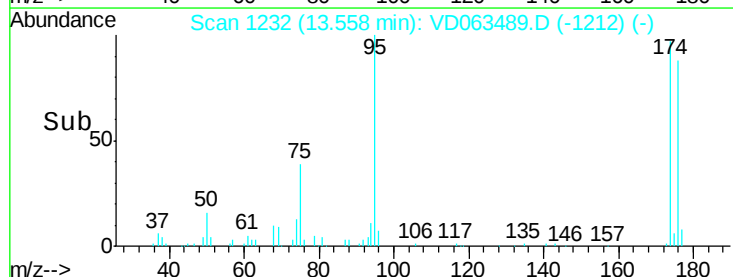
40000

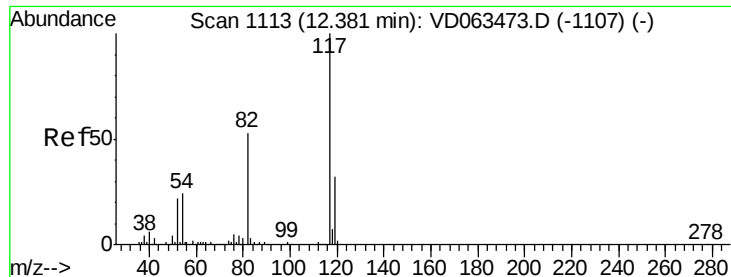
20000

0

13.50 13.55 13.60 13.65

Time-->

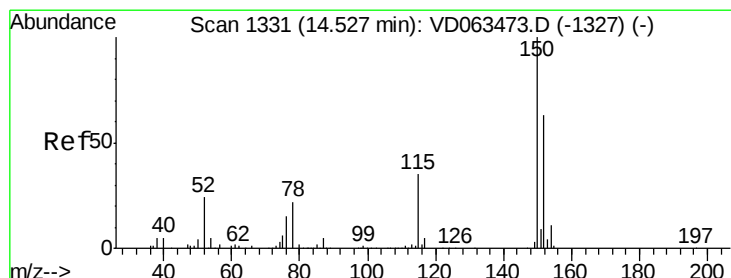
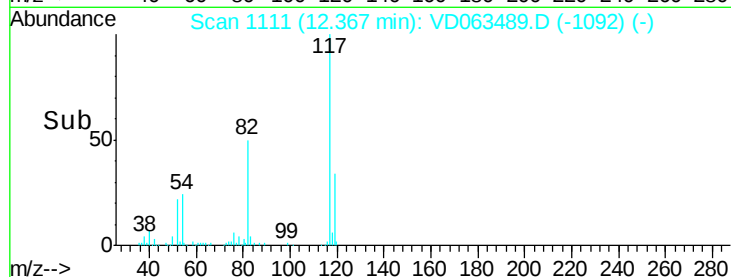
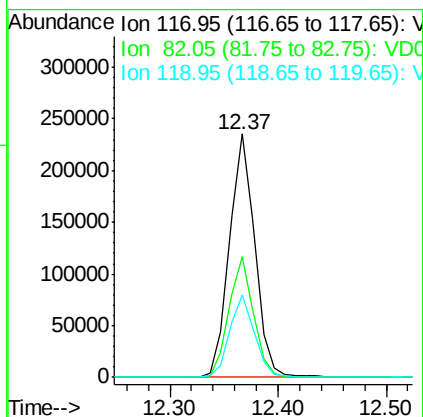
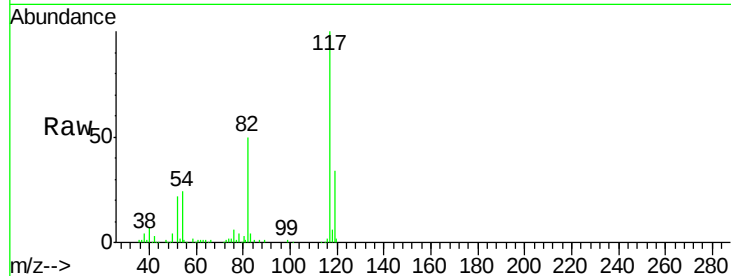




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063489.D
Acq: 12 Aug 2019 16:00

Instrument :
MSVOA_D
ClientSampleId :
VOC-27

Tot Ion:117 Resp: 385009
Ion Ratio Lower Upper
117 100
82 49.5 42.0 63.0
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063489.D
Acq: 12 Aug 2019 16:00

Tgt Ion:152 Resp: 89468
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.7
150 158.2 0.0 318.6

