

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063508.D
 Acq On : 13 Aug 2019 2:24
 Operator : JC/SY
 Sample : K4223-14RE
 Misc : 4.32g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-7RE

Quant Time: Aug 13 09:18:14 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

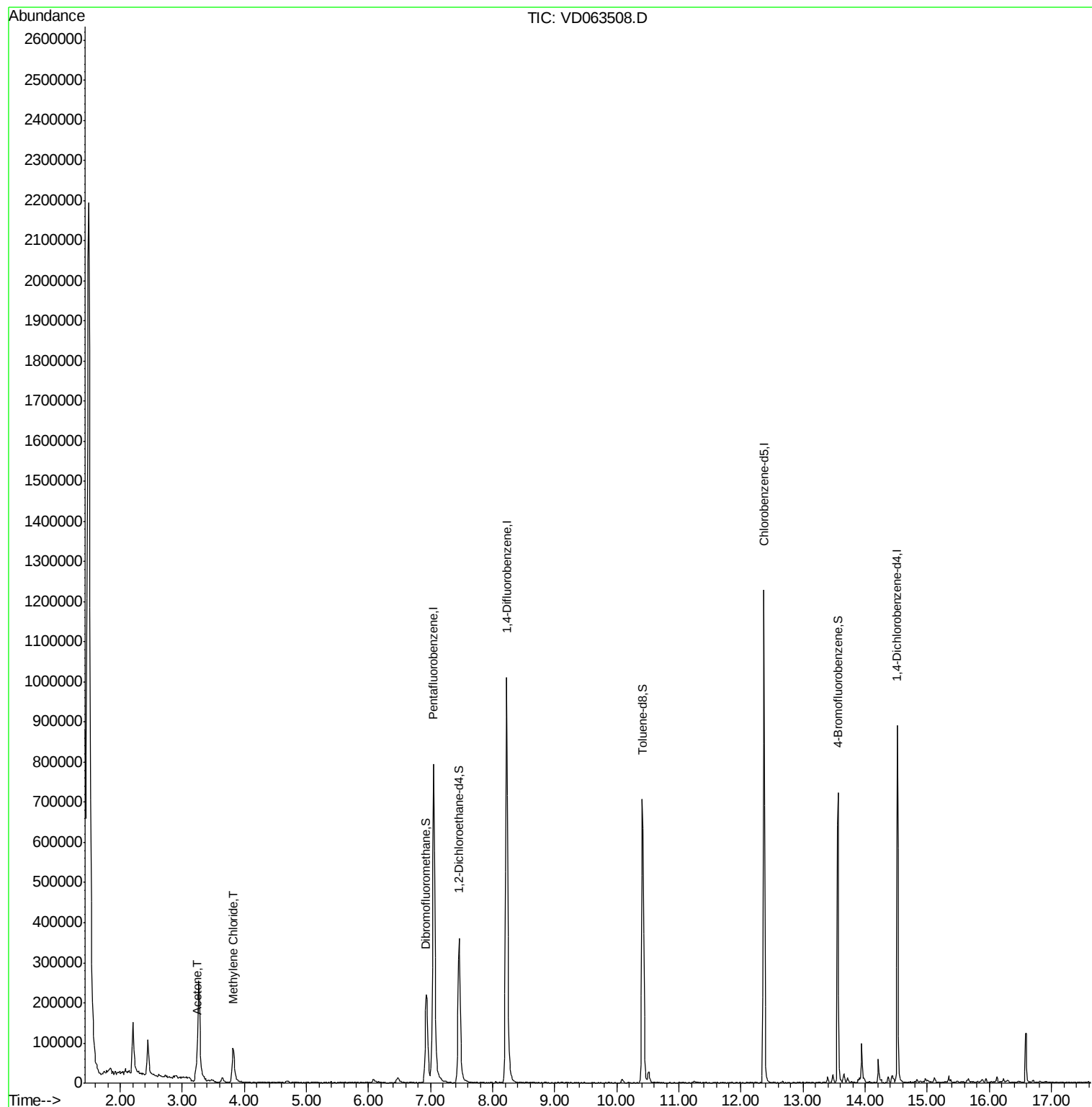
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	774667	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	1077608	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	638969	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	195818	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	424102	51.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	6.93	113	198830	21.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	43.82%	
50) Toluene-d8	10.41	98	594077	29.77	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	59.54%	
62) 4-Bromofluorobenzene	13.55	95	202534	22.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	44.80%	
Target Compounds						
16) Acetone	3.23	43	88202	52.399	ug/l #	90
20) Methylene Chloride	3.83	84	53661	7.372	ug/l #	92

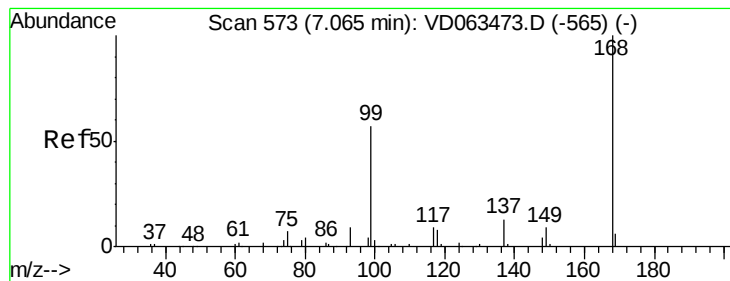
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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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# 572

Delta R.T. -0.01 min

Lab File: VD063508.D

Acq: 13 Aug 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

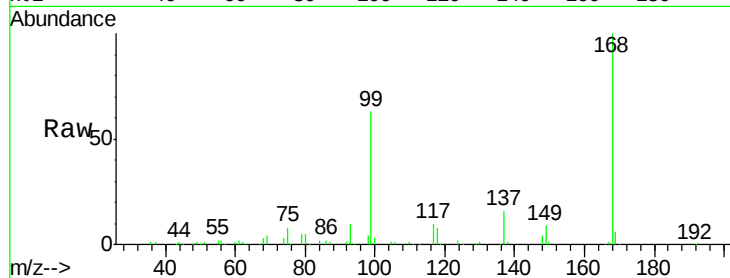
SP-7RE

Tot Ion:168 Resp: 774667

Ion Ratio Lower Upper

168 100

99 63.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

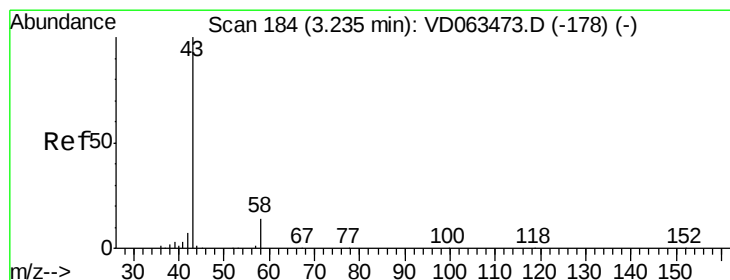
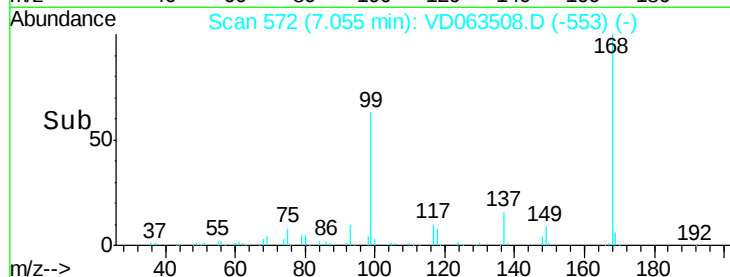
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 52.399 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063508.D

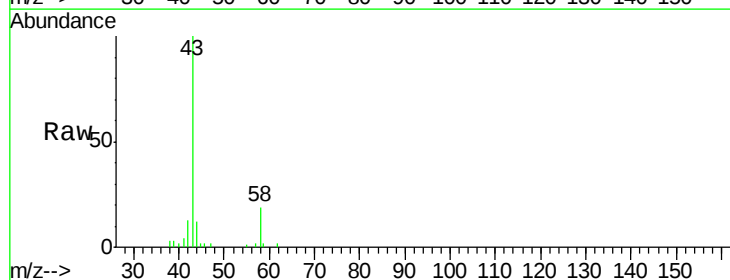
Acq: 13 Aug 2019 2:24

Tgt Ion: 43 Resp: 88202

Ion Ratio Lower Upper

43 100

58 18.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

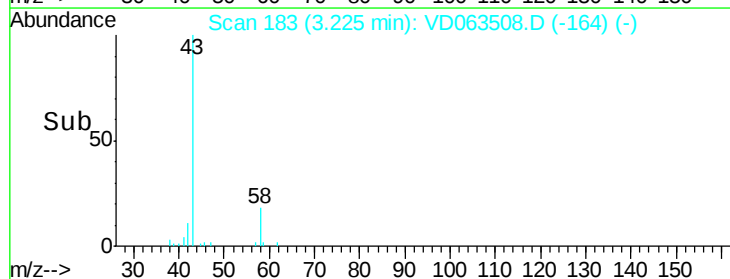
20000

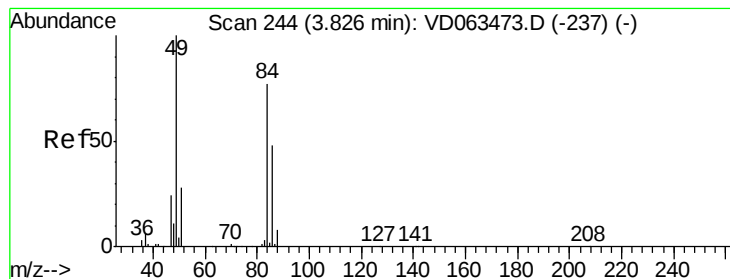
10000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 7.372 ug/l

RT: 3.83 min Scan# 244

Delta R.T. -0.00 min

Lab File: VD063508.D

Acq: 13 Aug 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

SP-7RE

Tot Ion: 84 Resp: 53661

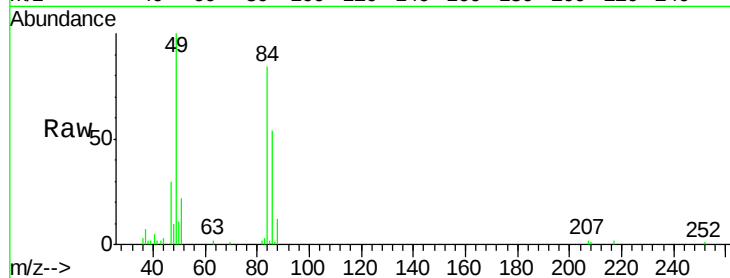
Ion Ratio Lower Upper

84 100

49 119.1 103.4 155.2

51 26.4 28.5 42.7#

86 64.2 49.4 74.2

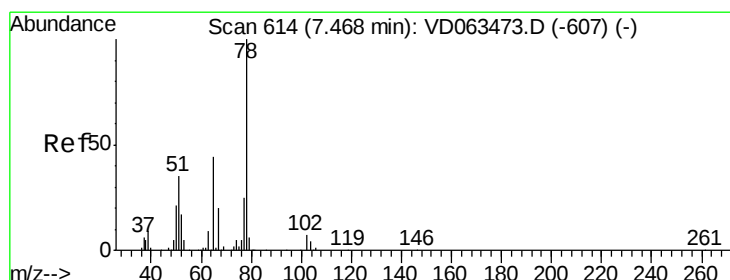
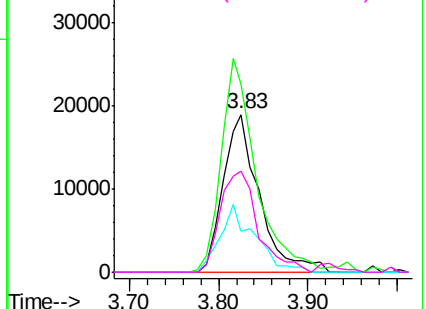
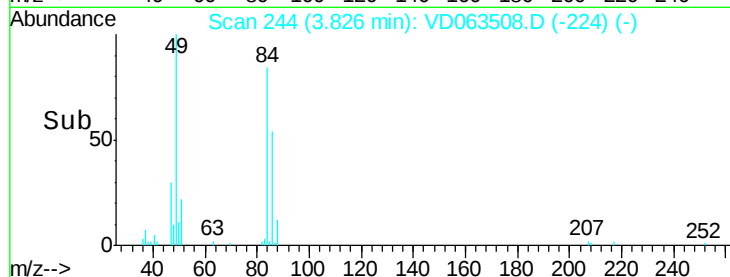


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 51.216 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063508.D

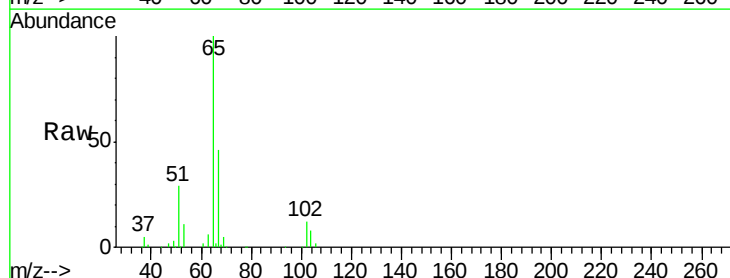
Acq: 13 Aug 2019 2:24

Tgt Ion: 65 Resp: 424102

Ion Ratio Lower Upper

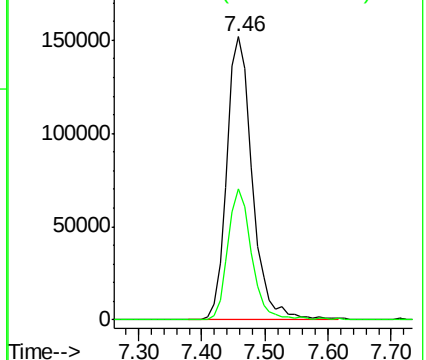
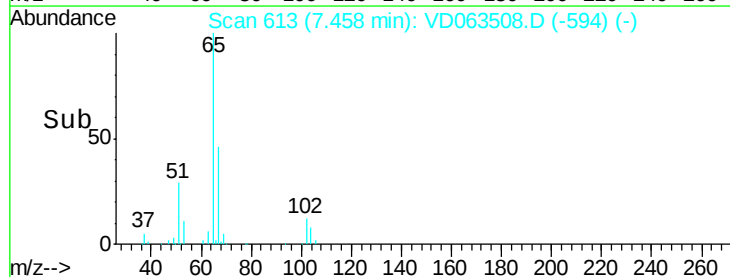
65 100

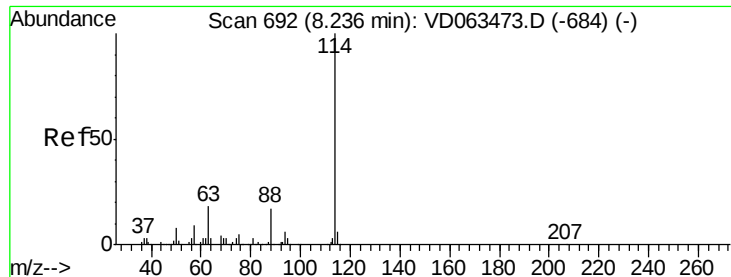
67 46.3 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063508.D

Acq: 13 Aug 2019 2:24

Instrument :

MSVOA_D

ClientSampleId :

SP-7RE

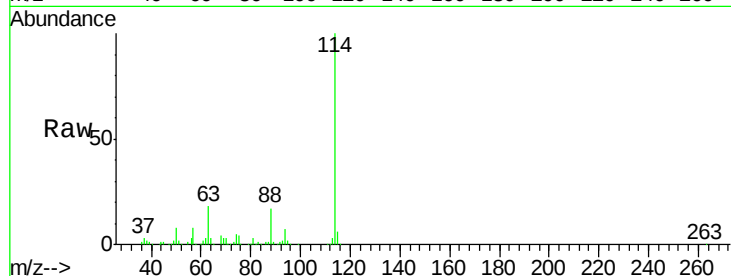
Tot Ion:114 Resp: 1077608

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

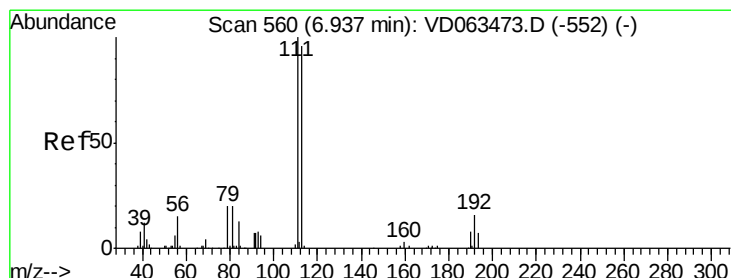
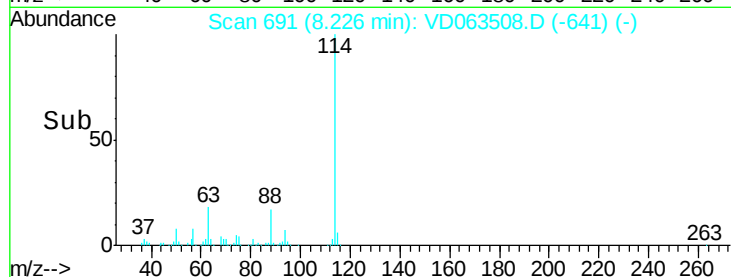
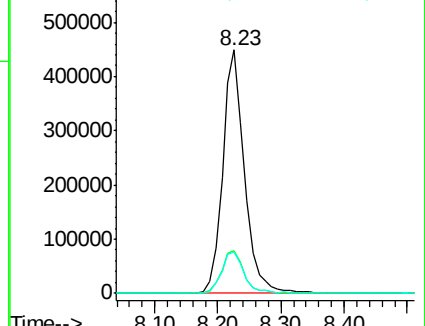
88 17.2 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 21.908 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063508.D

Acq: 13 Aug 2019 2:24

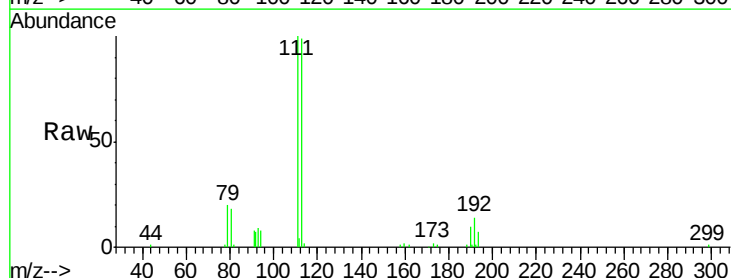
Tgt Ion:113 Resp: 198830

Ion Ratio Lower Upper

113 100

111 100.8 83.1 124.7

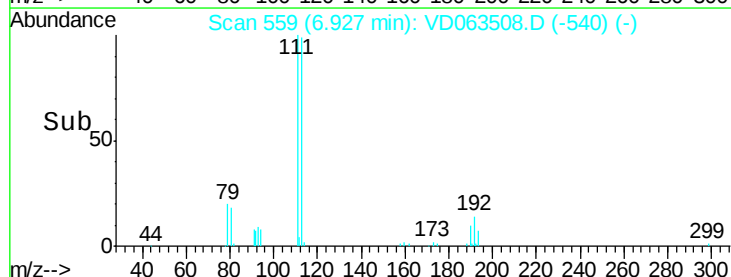
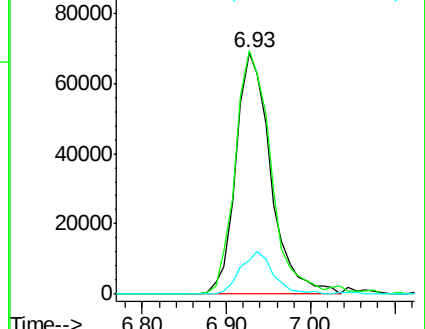
192 13.7 13.1 19.7

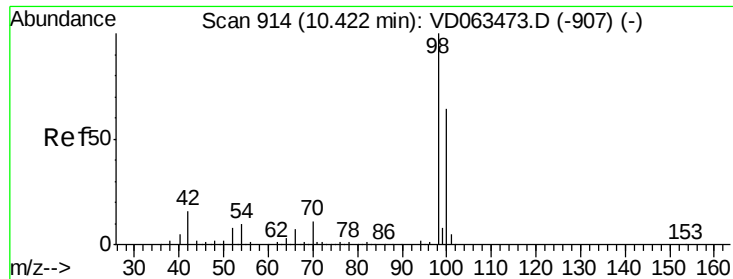


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

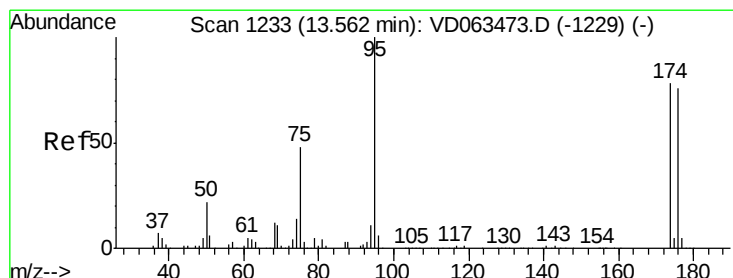
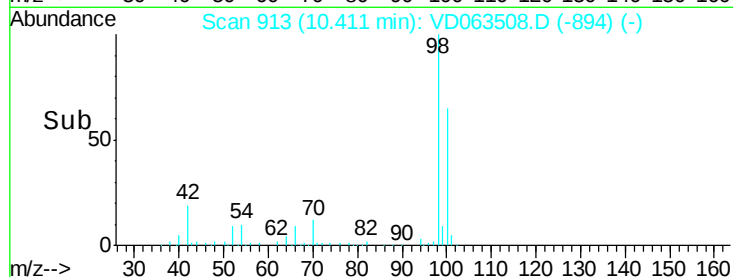
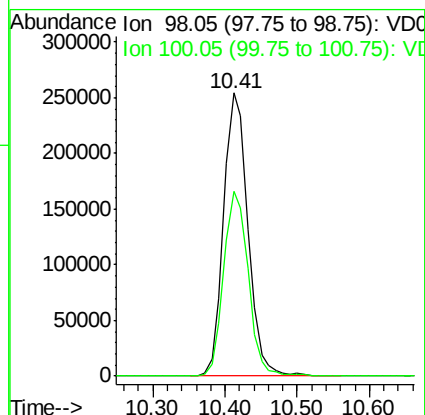
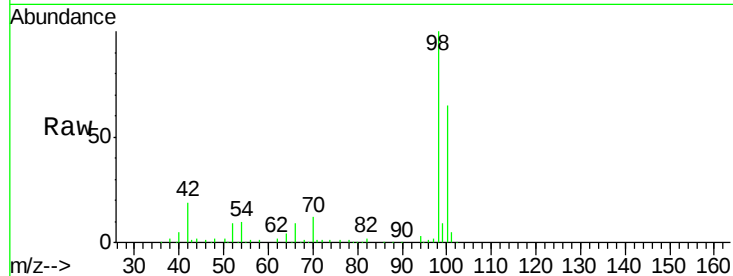




#50
Toluene-d8
Concen: 29.773 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063508.D
Acq: 13 Aug 2019 2:24

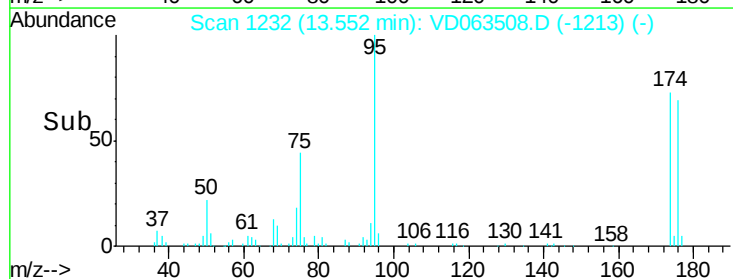
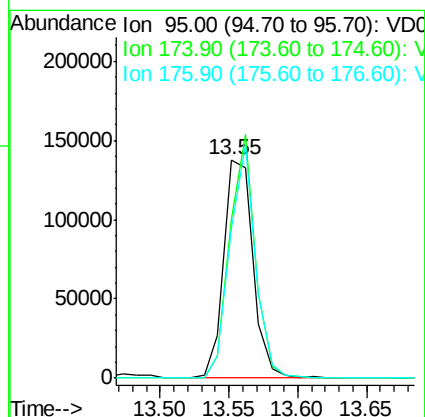
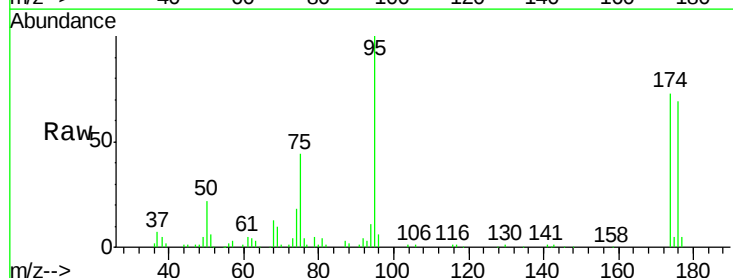
Instrument :
MSVOA_D
ClientSampled :
SP-7RE

Tot Ion: 98 Resp: 594077
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 22.395 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063508.D
Acq: 13 Aug 2019 2:24

Tgt Ion: 95 Resp: 202534
Ion Ratio Lower Upper
95 100
174 73.0 0.0 155.4
176 68.9 0.0 152.4

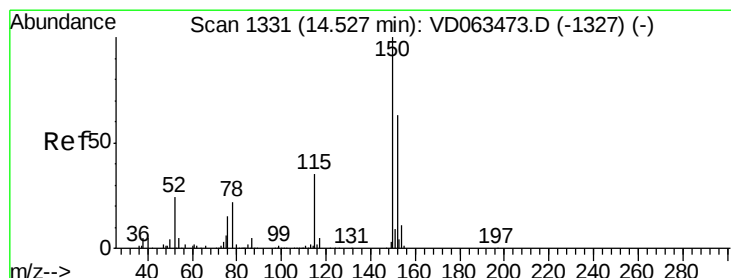
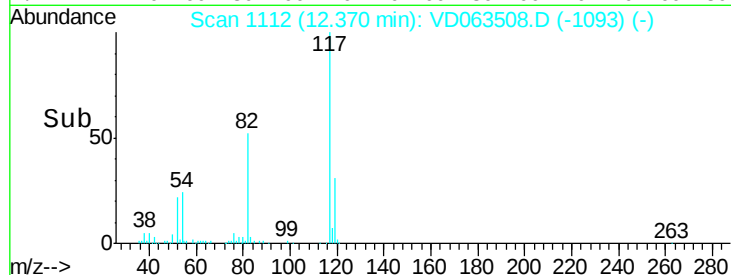
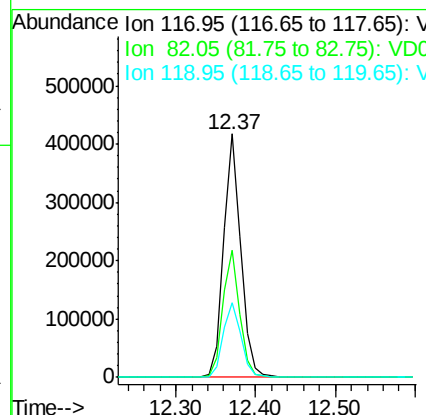
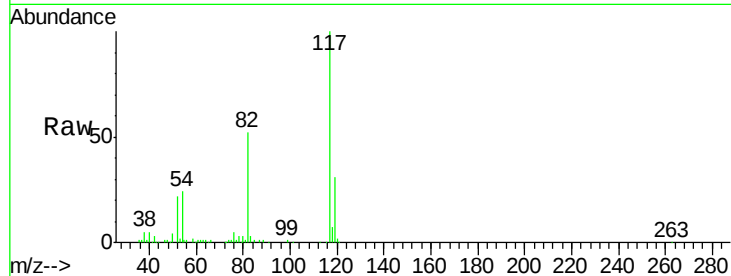




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063508.D
Acq: 13 Aug 2019 2:24

Instrument :
MSVOA_D
ClientSampled :
SP-7RE

Tot Ion:117 Resp: 638969
Ion Ratio Lower Upper
117 100
82 52.0 42.0 63.0
119 30.6 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: VD063508.D
Acq: 13 Aug 2019 2:24

Tgt Ion:152 Resp: 195818
Ion Ratio Lower Upper
152 100
115 57.6 30.9 92.7
150 148.1 0.0 318.6

