

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063089.D
 Acq On : 15 Jul 2019 19:10
 Operator : VA/AP
 Sample : K3768-09
 Misc : 5.39g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jul 16 08:43:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

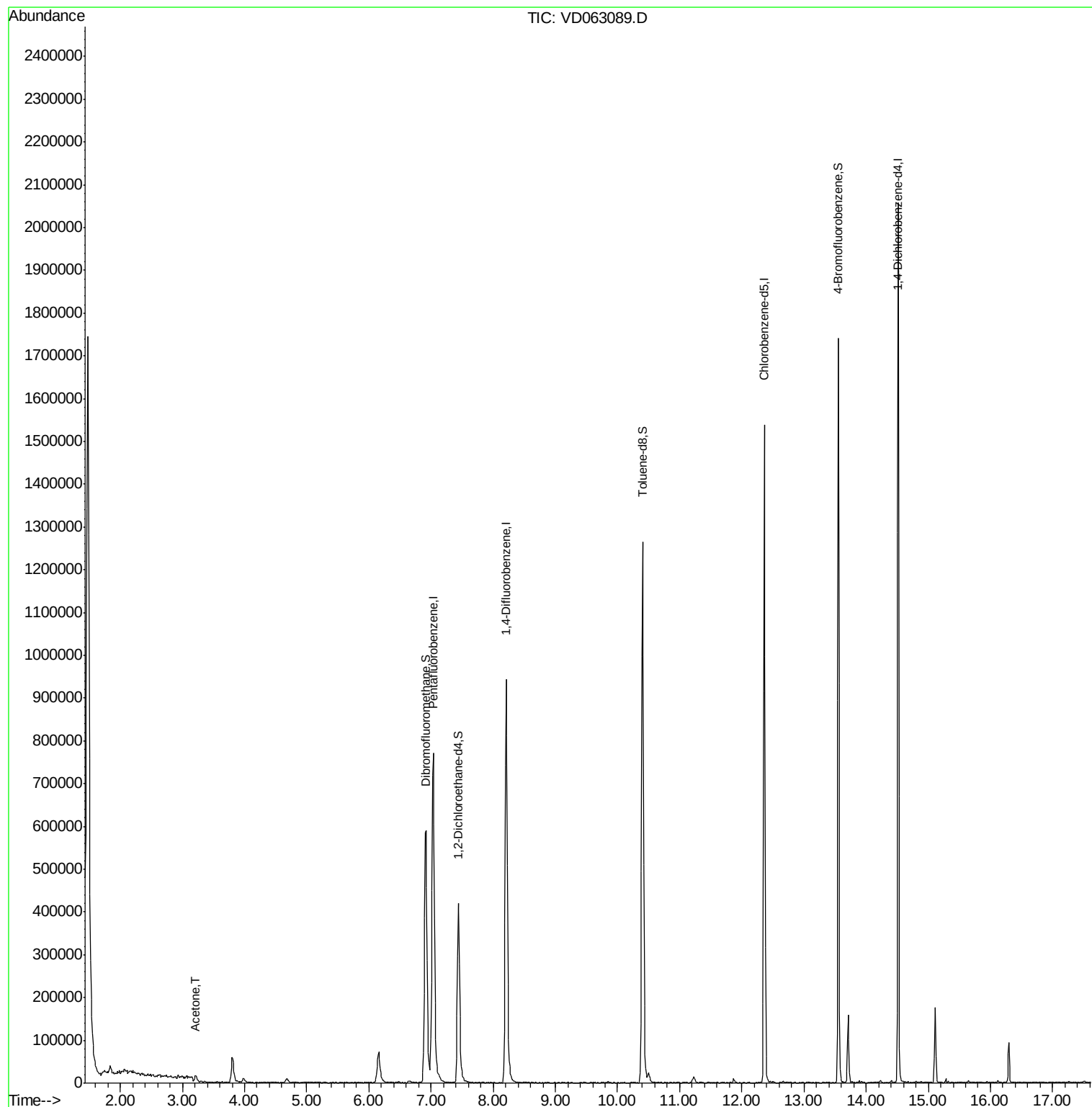
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	748136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1032789	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	803692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	428467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	487474	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	6.91	113	538010	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.40	98	1020706	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
62) 4-Bromofluorobenzene	13.55	95	451103	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
16) Acetone	3.22	43	28887	12.833	ug/l	Qvalue 94

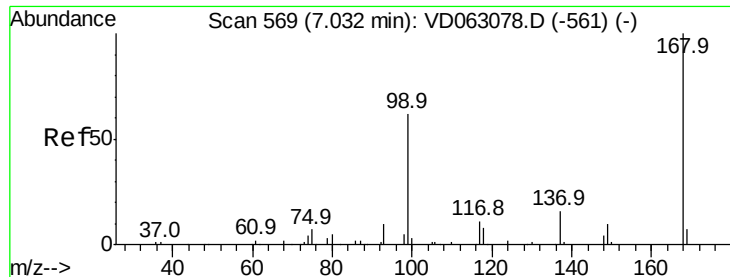
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063089.D

Acq: 15 Jul 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

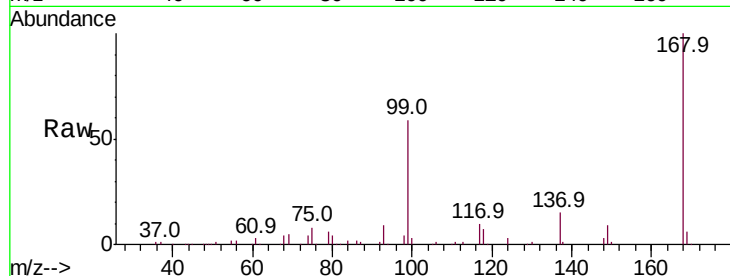
TP-2

Tot Ion:168 Resp: 748136

Ion Ratio Lower Upper

168 100

99 59.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

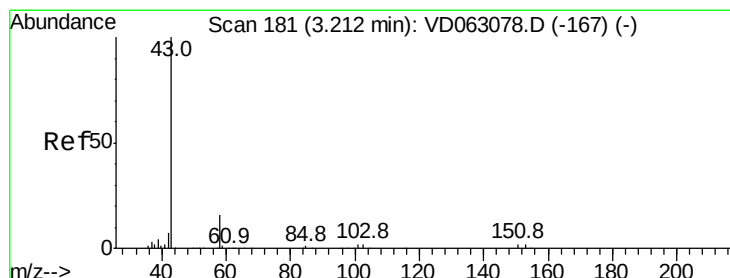
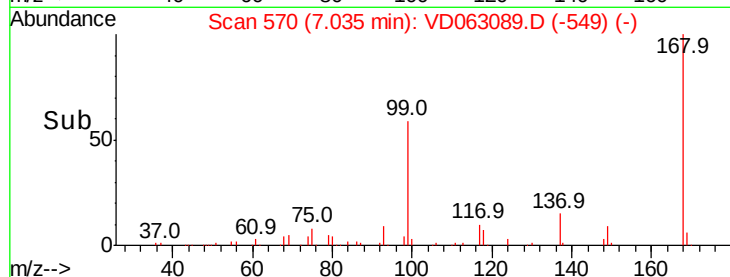
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 12.833 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063089.D

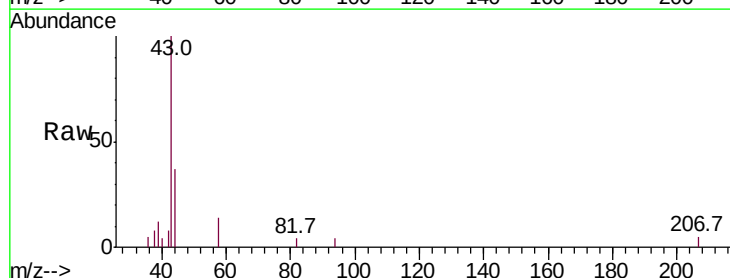
Acq: 15 Jul 2019 19:10

Tgt Ion: 43 Resp: 28887

Ion Ratio Lower Upper

43 100

58 13.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

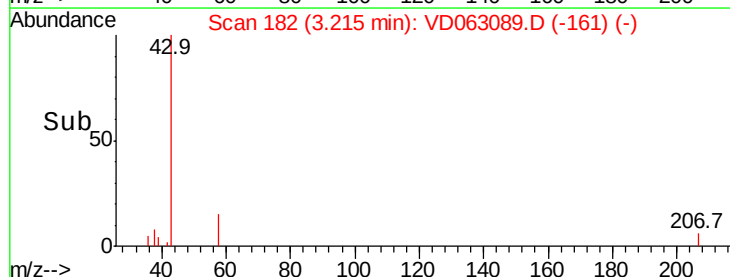
4000

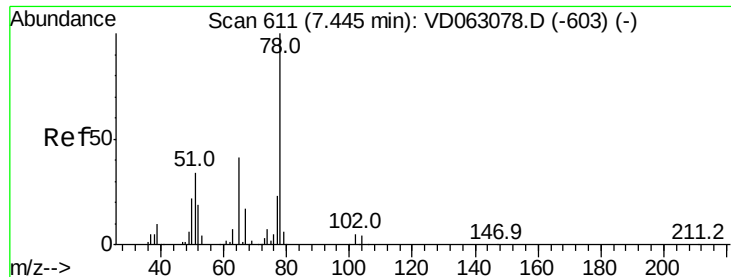
2000

0

3.10 3.20 3.30 3.40

Time-->

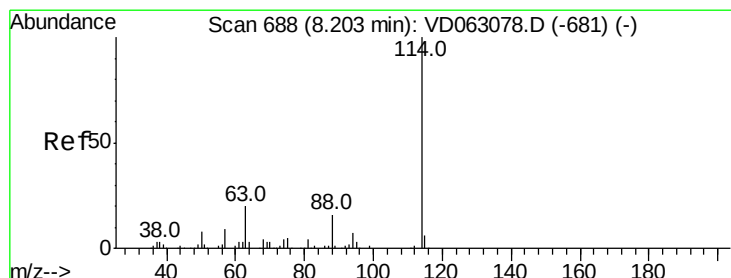
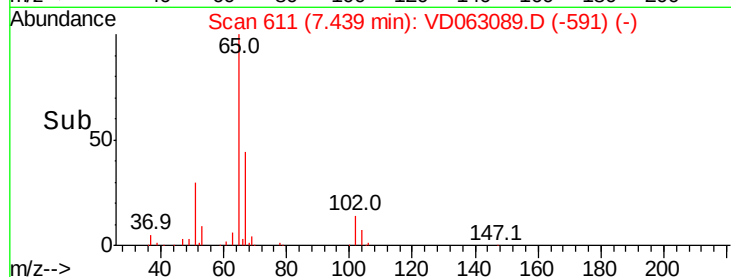
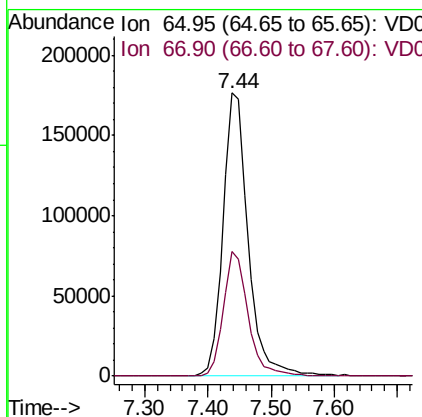
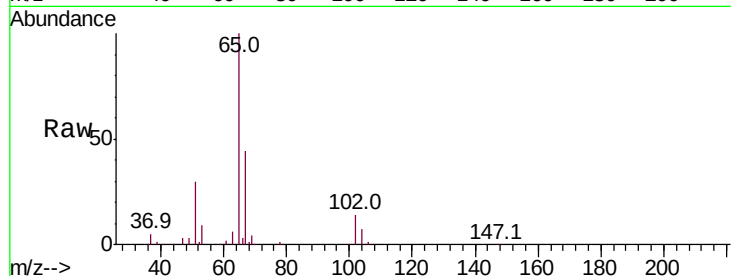




#33
 1,2-Dichloroethane-d4
 Concen: 52.307 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD063089.D
 Acq: 15 Jul 2019 19:10

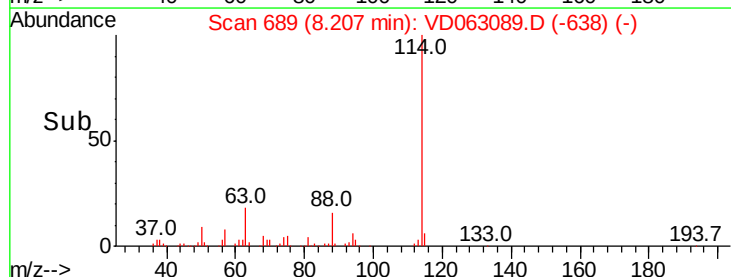
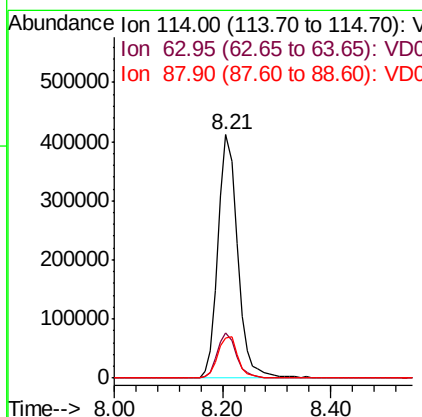
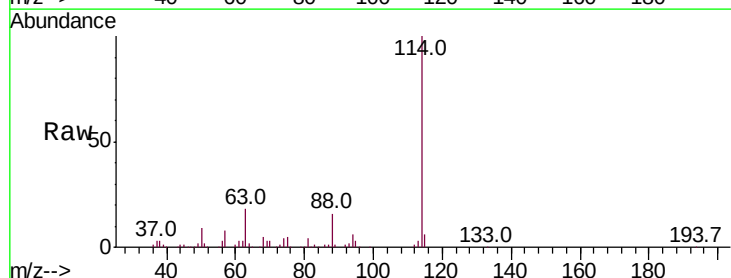
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

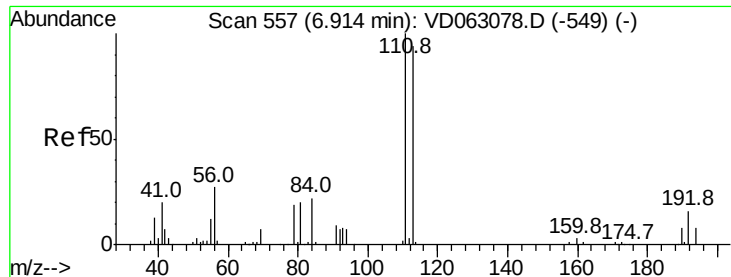
Tot Ion: 65 Resp: 487474
 Ion Ratio Lower Upper
 65 100
 67 43.9 0.0 86.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063089.D
 Acq: 15 Jul 2019 19:10

Tgt Ion: 114 Resp: 1032789
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.6
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.301 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD063089.D

Acq: 15 Jul 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

TP-2

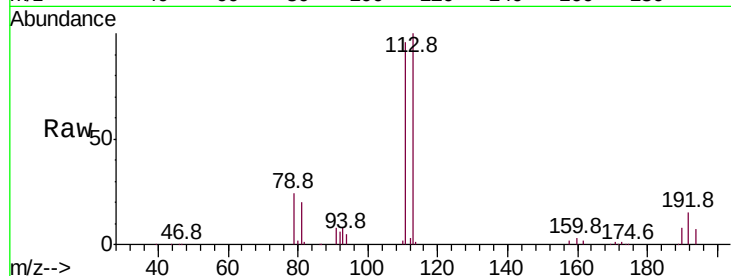
Tot Ion:113 Resp: 538010

Ion Ratio Lower Upper

113 100

111 95.5 84.8 127.2

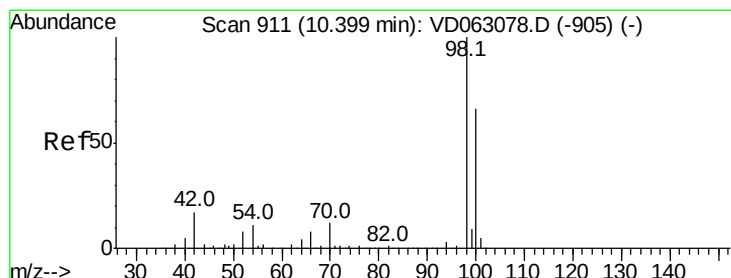
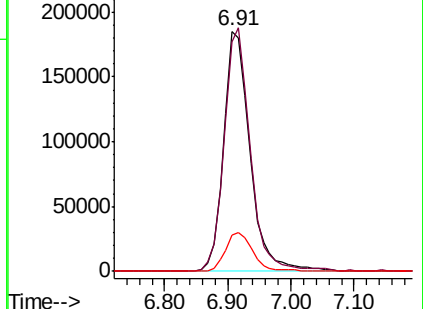
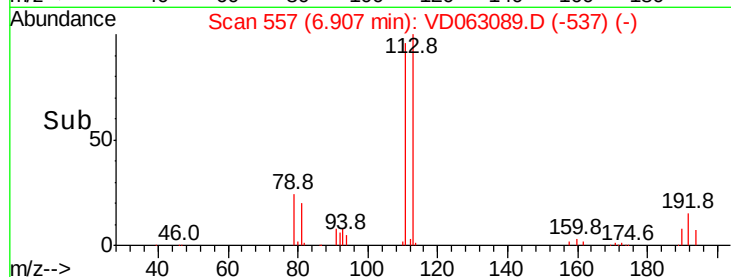
192 15.3 13.4 20.0



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: 46.194 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063089.D

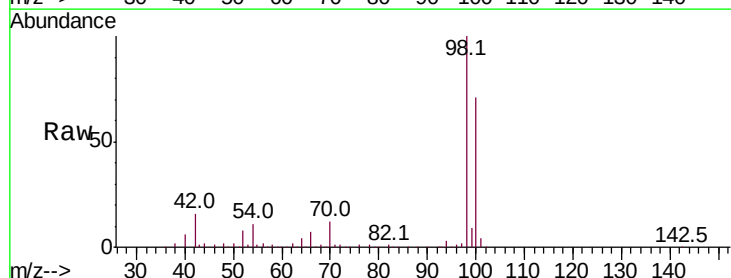
Acq: 15 Jul 2019 19:10

Tgt Ion: 98 Resp: 1020706

Ion Ratio Lower Upper

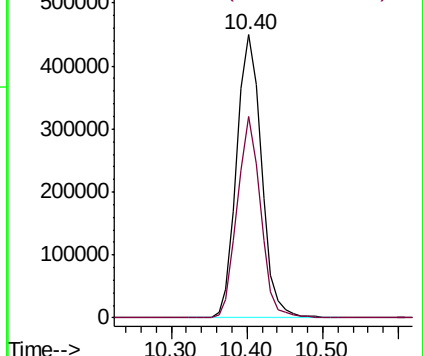
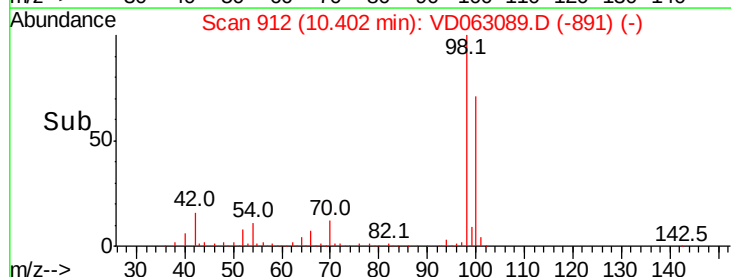
98 100

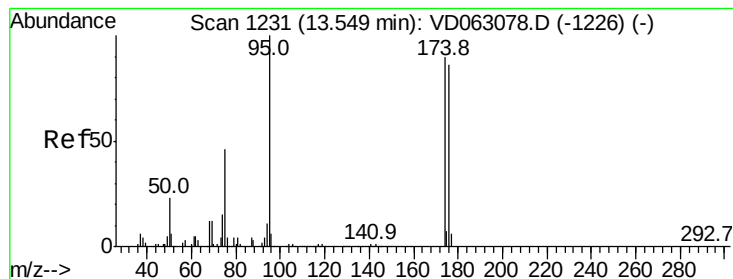
100 71.1 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 44.129 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063089.D

Acq: 15 Jul 2019 19:10

Instrument :

MSVOA_D

ClientSampled :

TP-2

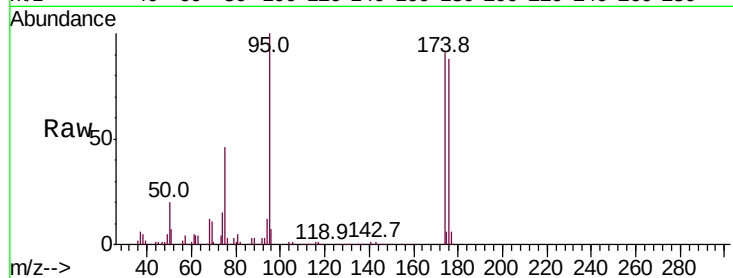
Tot Ion: 95 Resp: 451103

Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.6

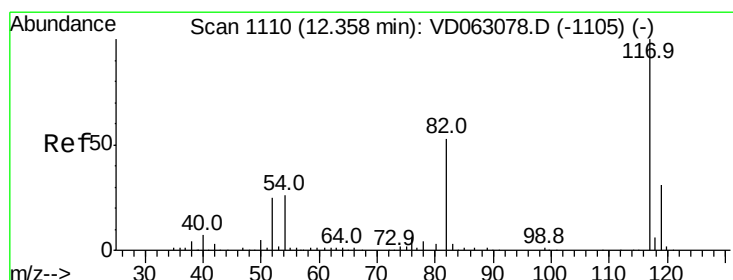
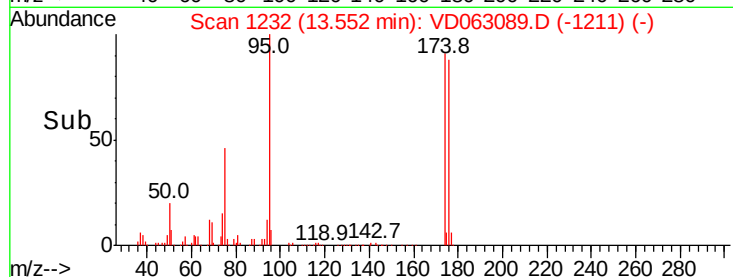
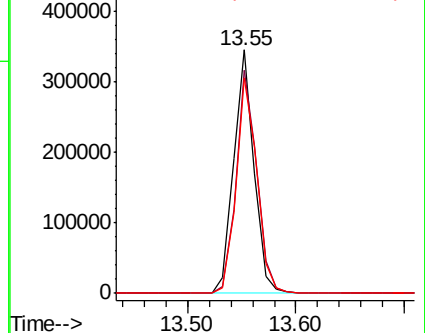
176 88.3 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063089.D

Acq: 15 Jul 2019 19:10

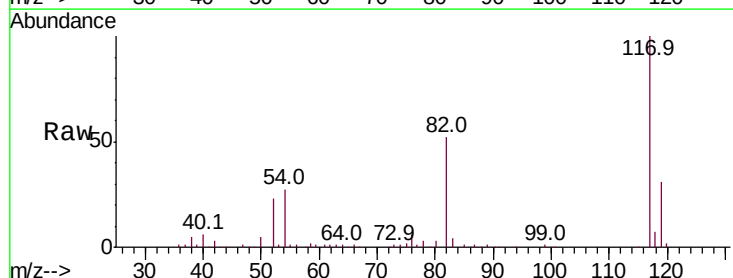
Tgt Ion: 117 Resp: 803692

Ion Ratio Lower Upper

117 100

82 51.9 42.3 63.5

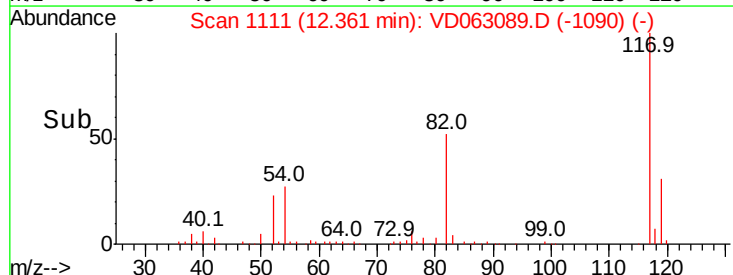
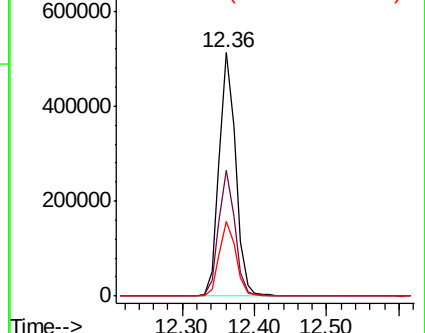
119 30.6 25.2 37.8

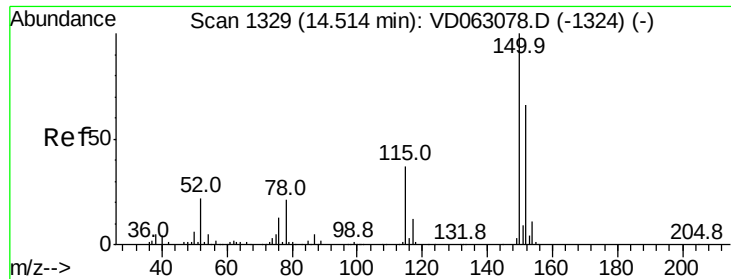


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

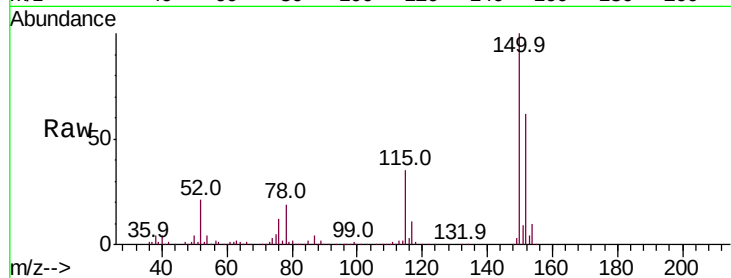




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063089.D
 Acq: 15 Jul 2019 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.9	86.8
150	160.1	0.0	313.8



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

