

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063103.D
 Acq On : 16 Jul 2019 13:43
 Operator : VA/AP
 Sample : K3620-03
 Misc : 7.58g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-071219-B

Quant Time: Jul 17 07:54:49 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

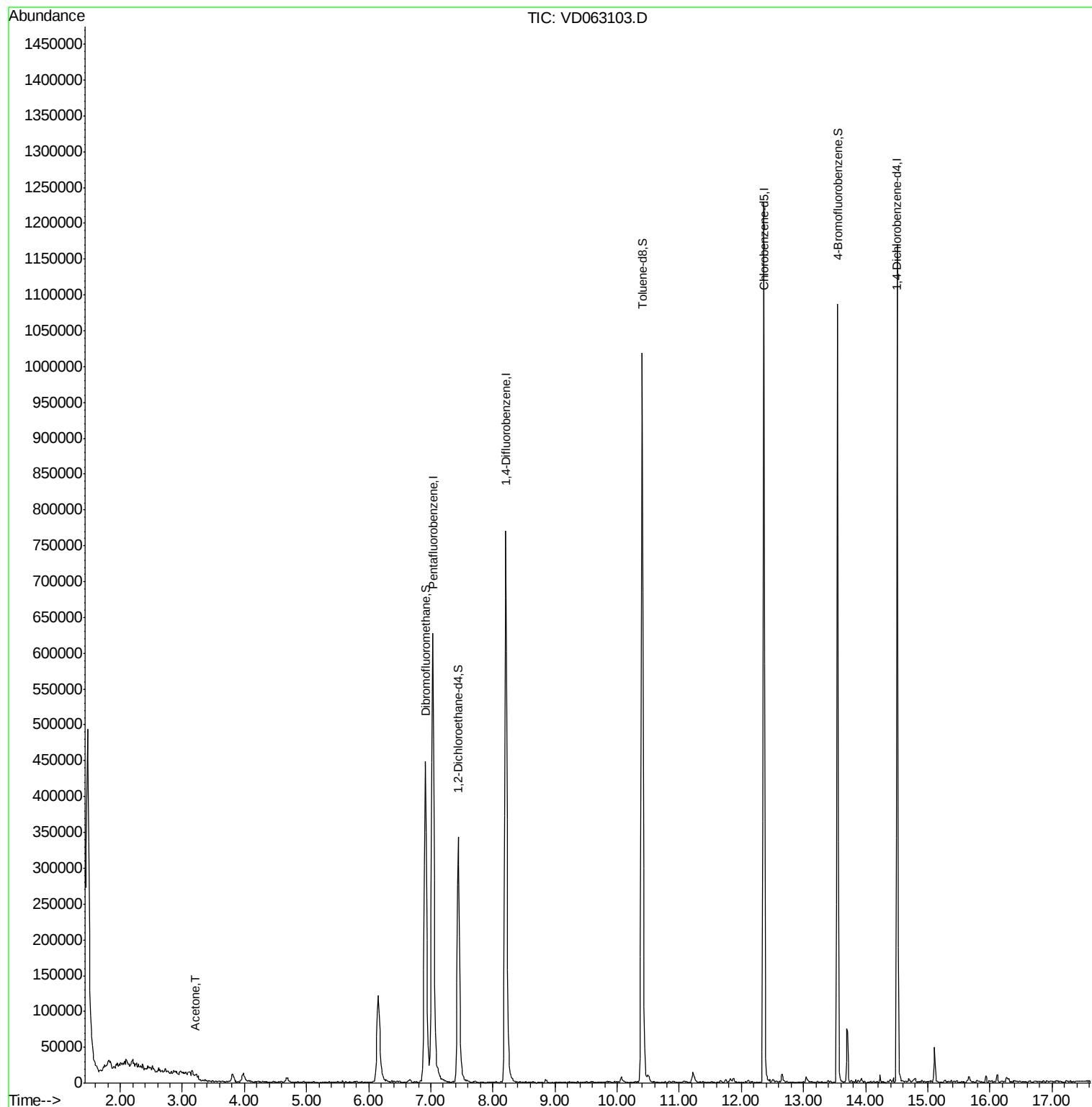
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	632202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	847341	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	681984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	259058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	377519	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	6.92	113	410025	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.40	98	815641	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	13.54	95	325820	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
Target Compounds						
16) Acetone	3.21	43	17069	8.974	ug/l #	Qvalue 82

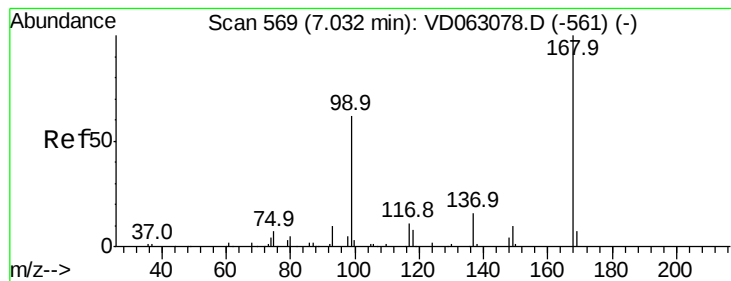
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063103.D

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MSVOA_D

ClientSampleId :

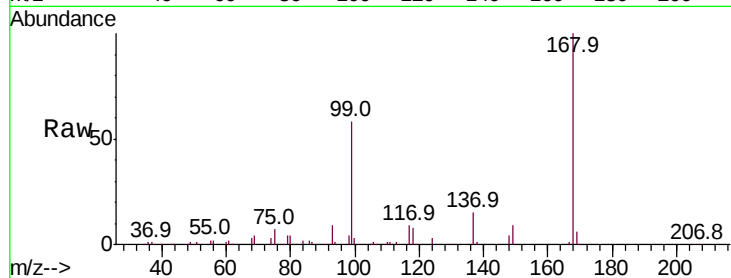
CL-01-071219-B

Tot Ion:168 Resp: 632202

Ion Ratio Lower Upper

168 100

99 57.9 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

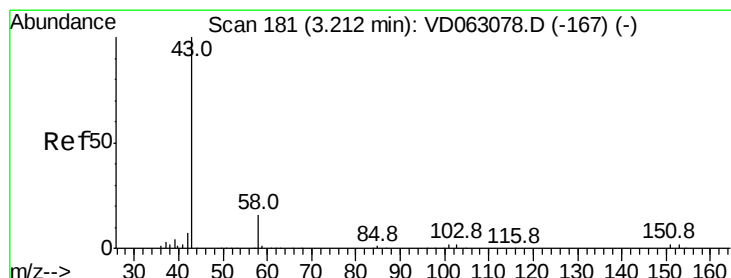
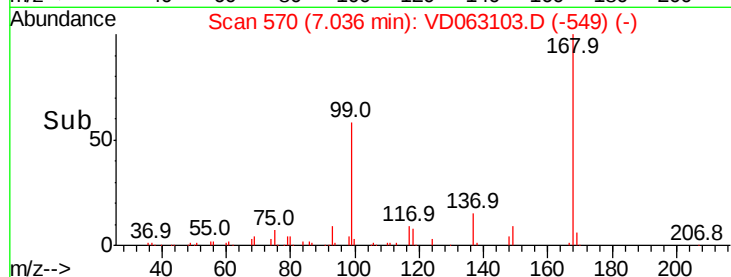
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.974 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063103.D

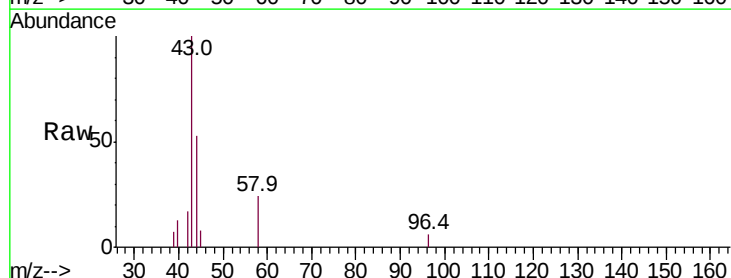
Acq: 16 Jul 2019 13:43

Tgt Ion: 43 Resp: 17069

Ion Ratio Lower Upper

43 100

58 23.9 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

6000

5000

4000

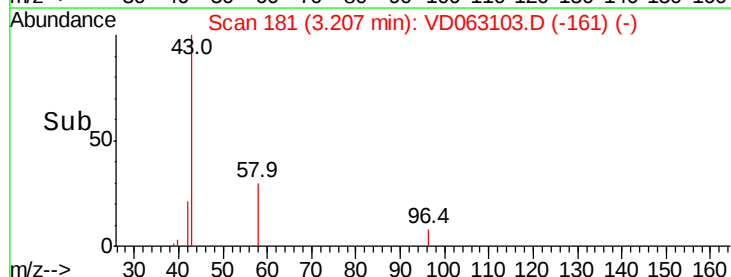
3000

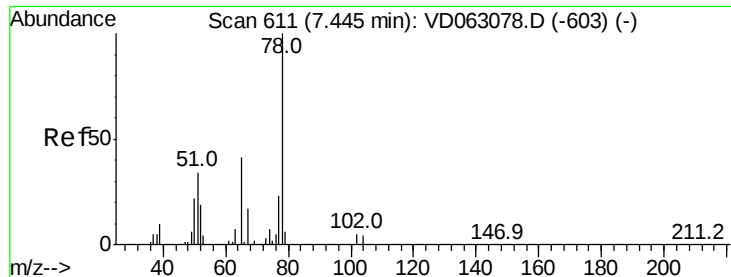
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.937 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

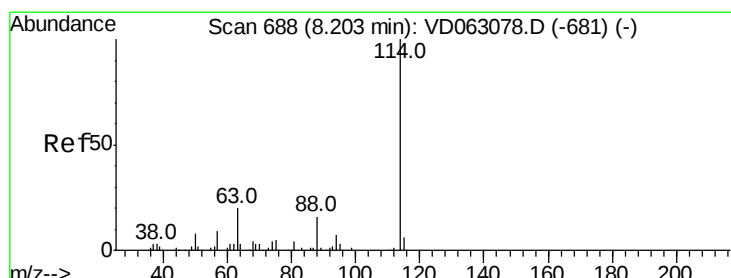
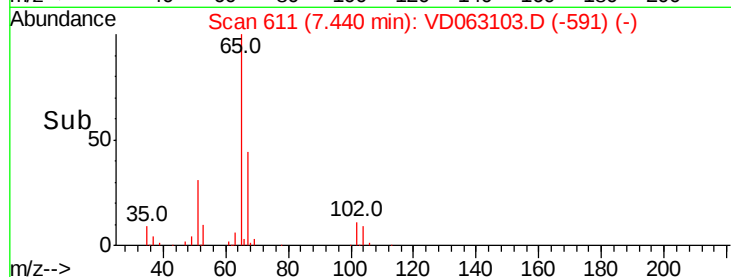
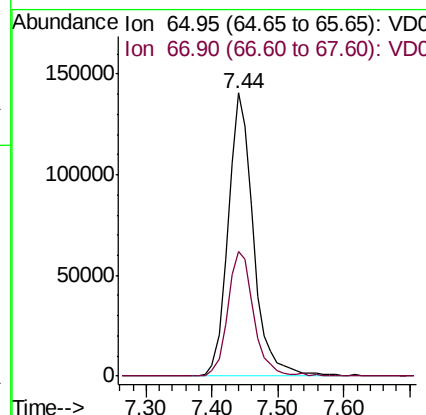
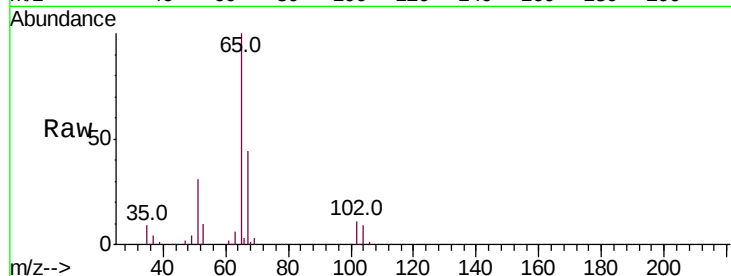
Lab File: VD063103.D

Acq: 16 Jul 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
CL-01-071219-B

Tot Ion: 65 Resp: 377519

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	86.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

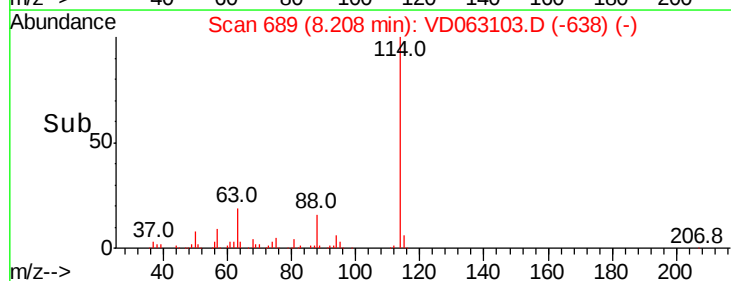
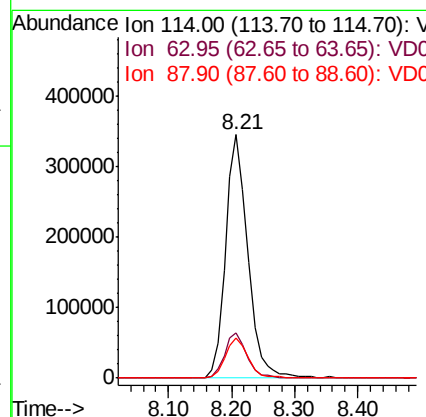
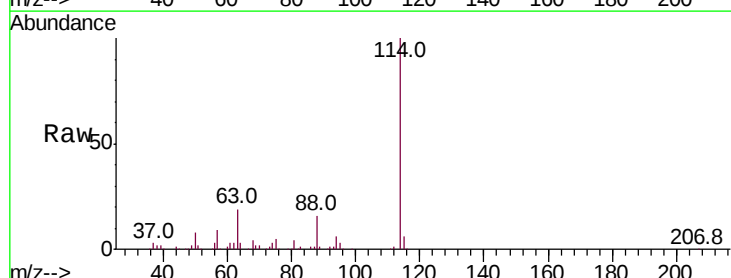
Delta R.T. 0.00 min

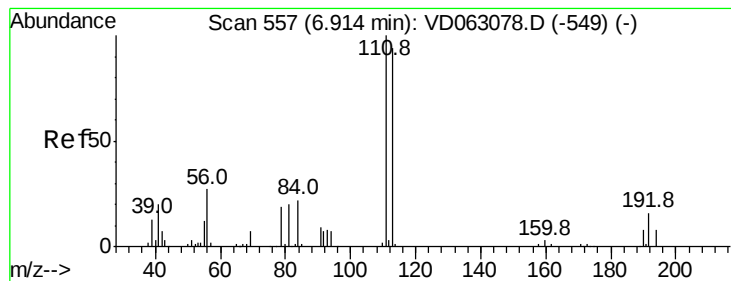
Lab File: VD063103.D

Acq: 16 Jul 2019 13:43

Tgt Ion: 114 Resp: 847341

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.6
88	16.3	0.0	32.6





#35

Dibromofluoromethane

Concen: 48.583 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063103.D

Acq: 16 Jul 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

CL-01-071219-B

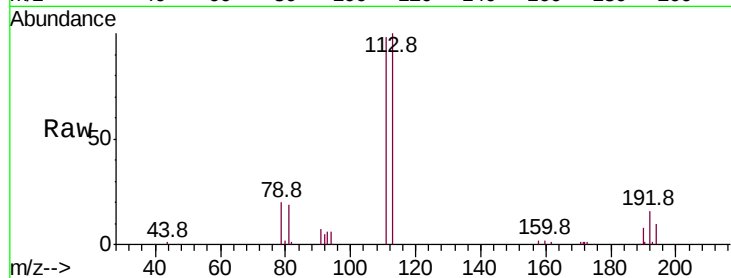
Tot Ion:113 Resp: 410025

Ion Ratio Lower Upper

113 100

111 97.6 84.8 127.2

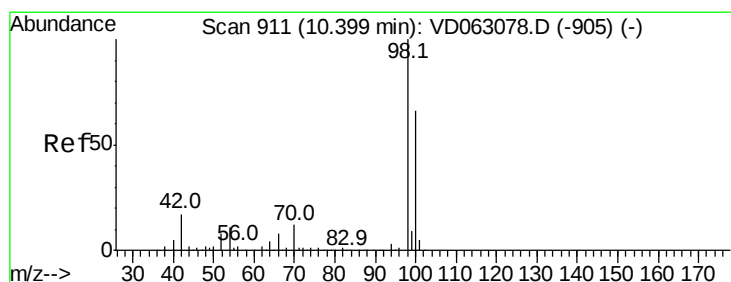
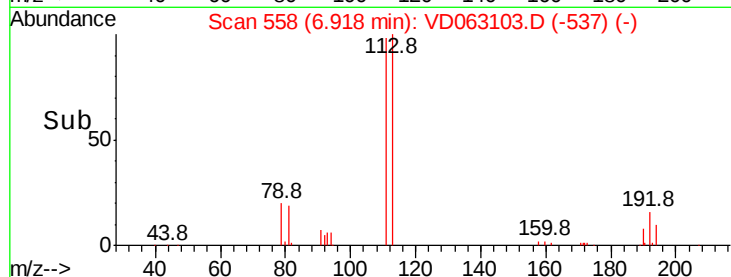
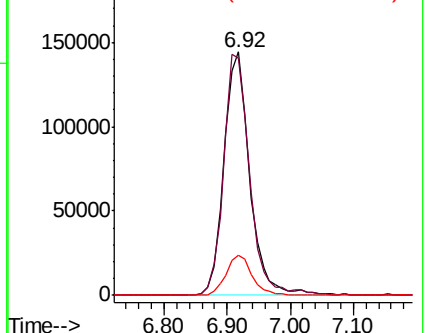
192 16.5 13.4 20.0



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: 44.992 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063103.D

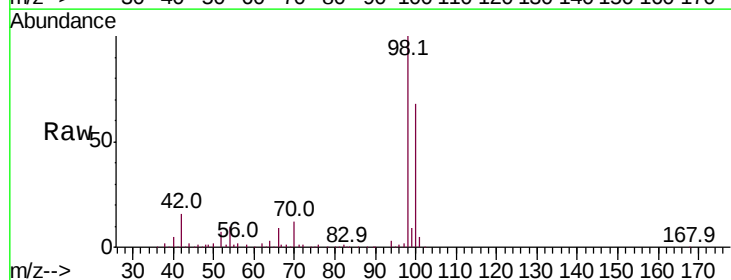
Acq: 16 Jul 2019 13:43

Tgt Ion: 98 Resp: 815641

Ion Ratio Lower Upper

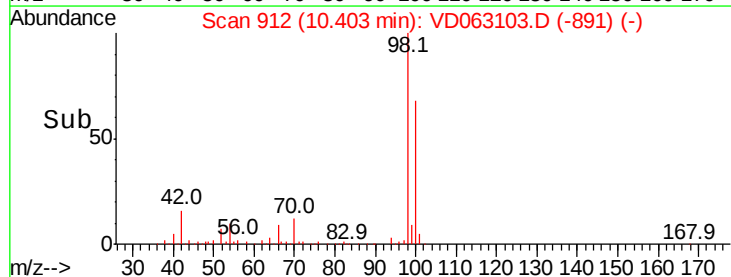
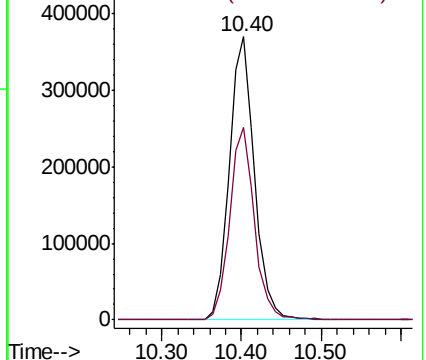
98 100

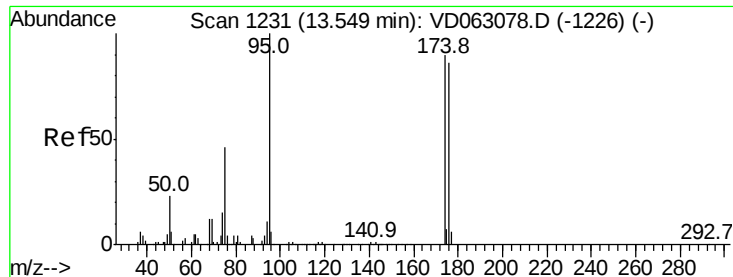
100 67.9 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

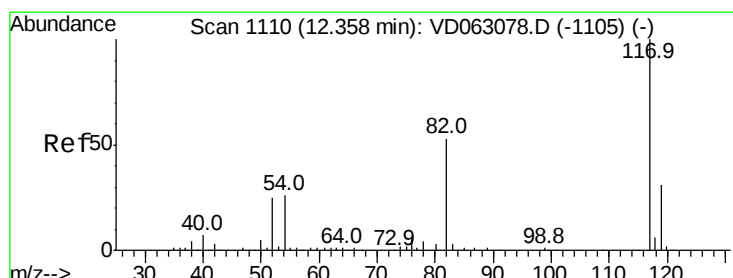
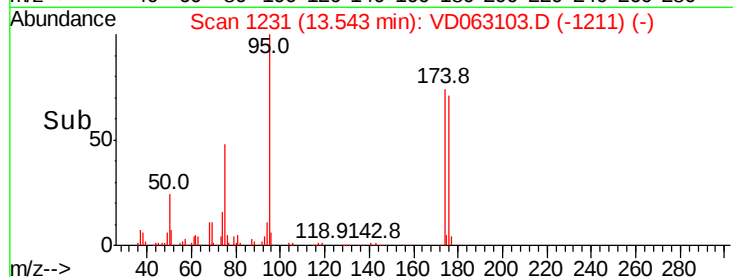
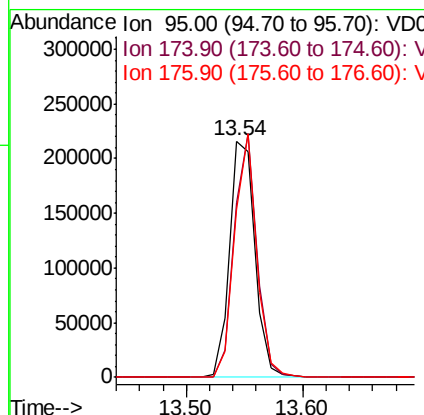
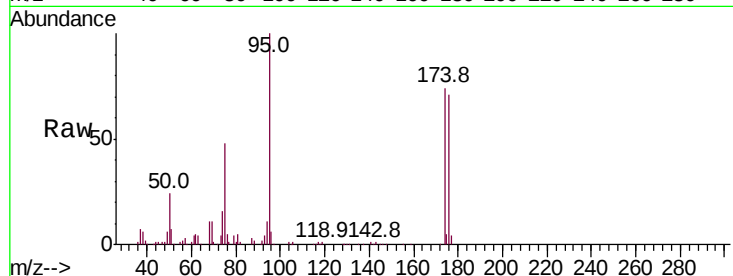




#62
4-Bromofluorobenzene
Concen: 38.849 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063103.D
Acq: 16 Jul 2019 13:43

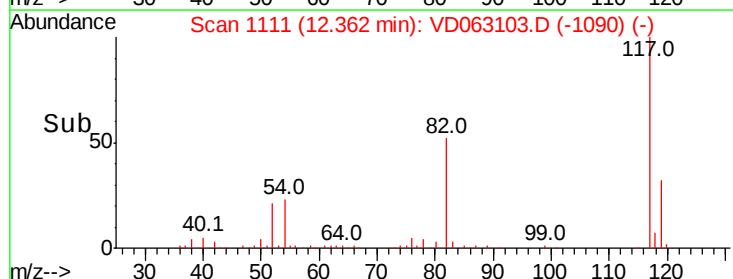
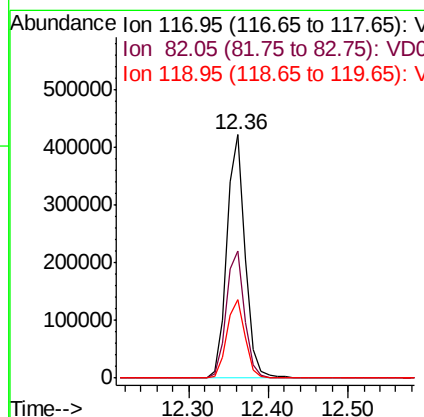
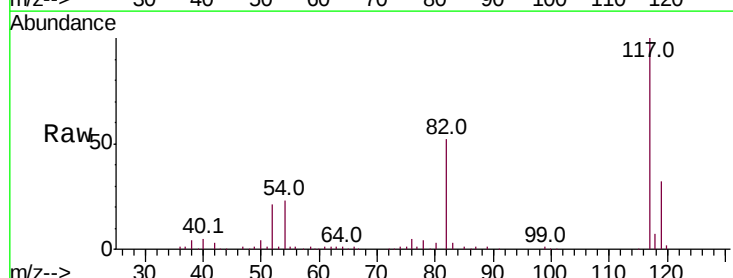
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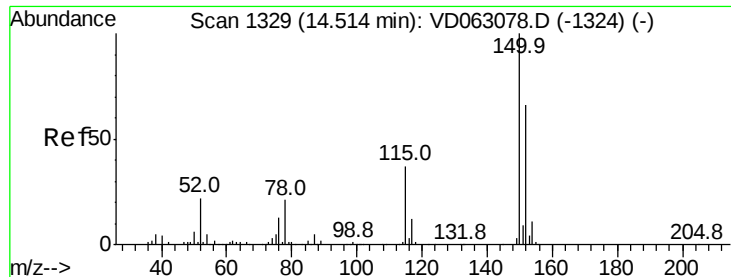
Tot Ion: 95 Resp: 325820
Ion Ratio Lower Upper
95 100
174 73.8 0.0 180.6
176 71.0 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063103.D
Acq: 16 Jul 2019 13:43

Tgt Ion: 117 Resp: 681984
Ion Ratio Lower Upper
117 100
82 52.1 42.3 63.5
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063103.D

Acq: 16 Jul 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

CL-01-071219-B

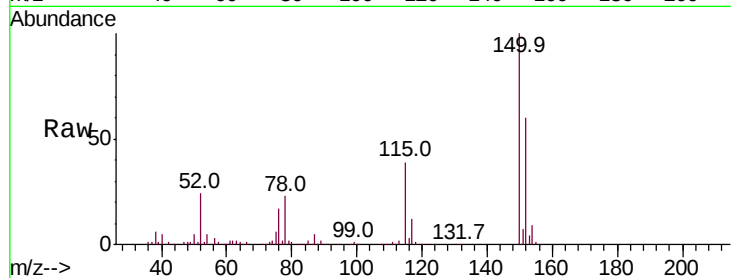
Tot Ion:152 Resp: 259058

Ion Ratio Lower Upper

152 100

115 65.5 28.9 86.8

150 166.1 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

