

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063106.D
 Acq On : 16 Jul 2019 15:04
 Operator : VA/AP
 Sample : K3620-09
 Misc : 6.89g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 17 08:03:56 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

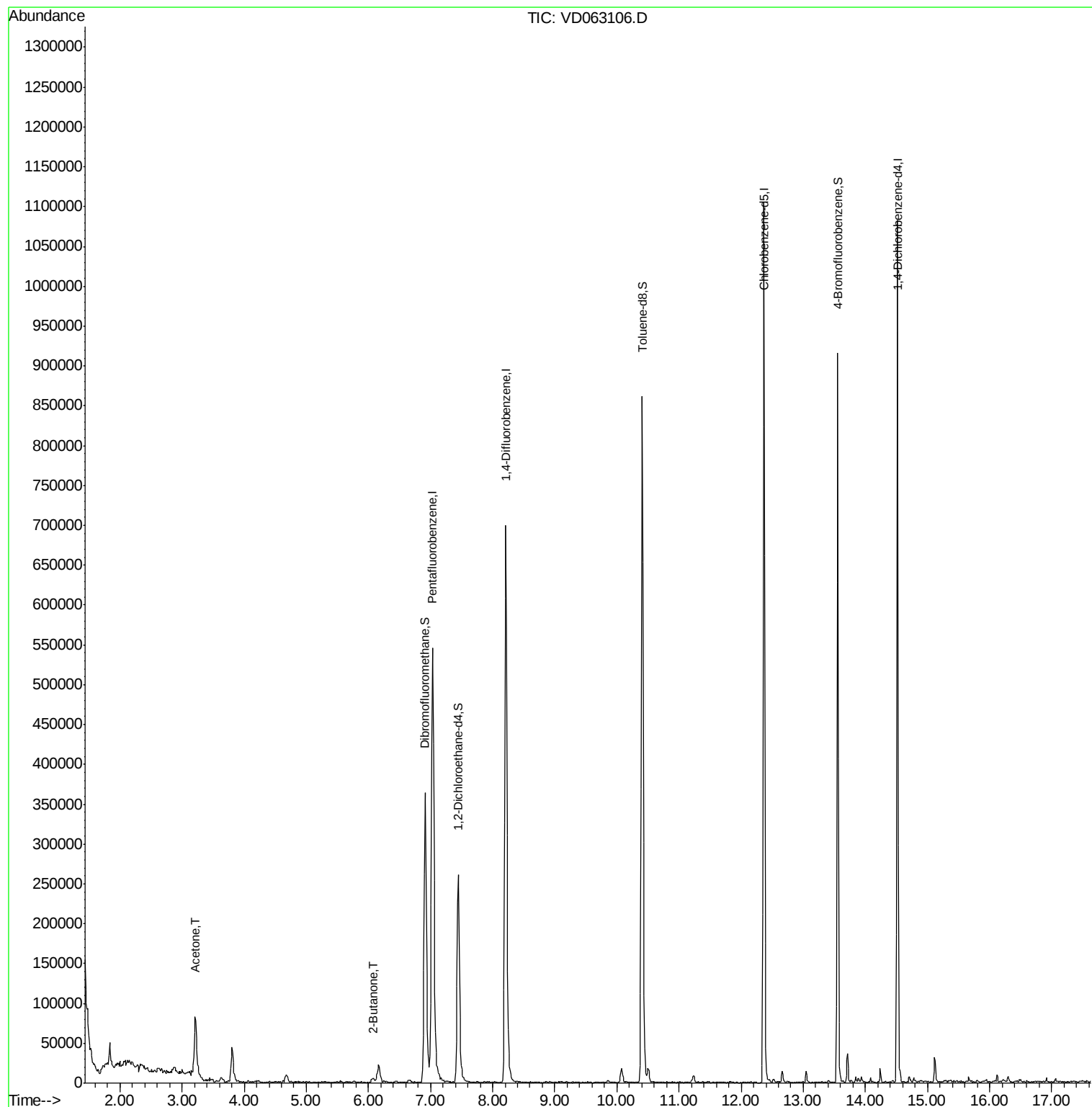
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	556664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	755259	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	602283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	251491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	306896	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	6.92	113	307757	40.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.82%	
50) Toluene-d8	10.41	98	703993	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
62) 4-Bromofluorobenzene	13.56	95	250119	33.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.92%	
Target Compounds						
16) Acetone	3.21	43	162047	96.754	ug/l	96
25) 2-Butanone	6.07	43	14083	8.806	ug/l #	79

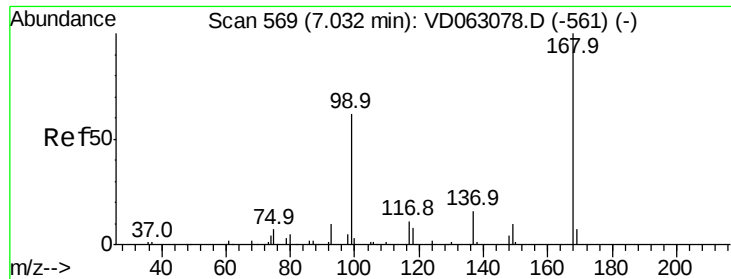
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063106.D

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Instrument :

MSVOA_D

ClientSampleId :

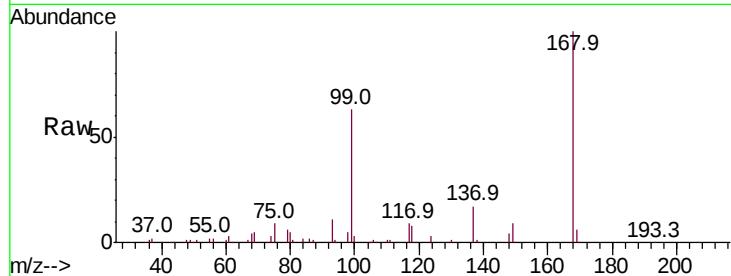
CL-01-071219-E

Tot Ion:168 Resp: 556664

Ion Ratio Lower Upper

168 100

99 63.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

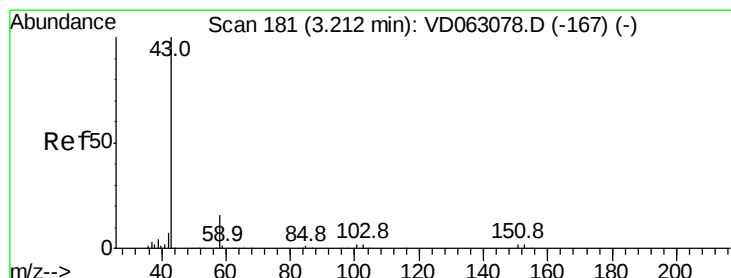
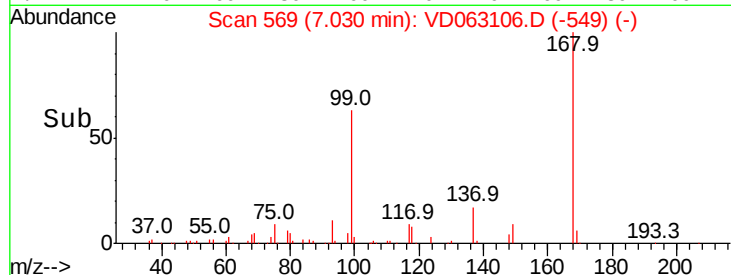
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 96.754 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063106.D

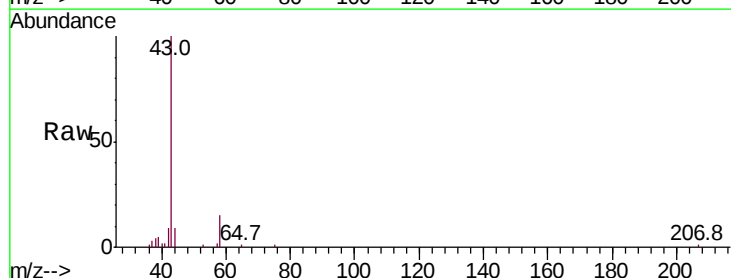
Acq: 16 Jul 2019 15:04

Tgt Ion: 43 Resp: 162047

Ion Ratio Lower Upper

43 100

58 14.7 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

60000

50000

40000

30000

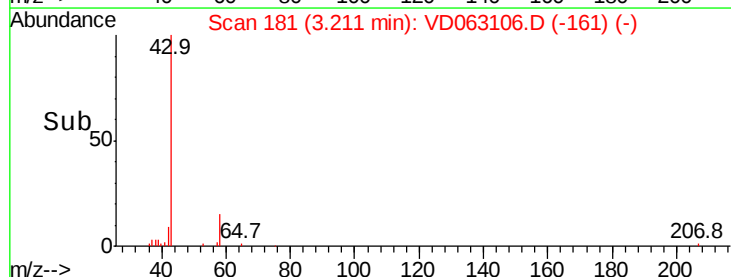
20000

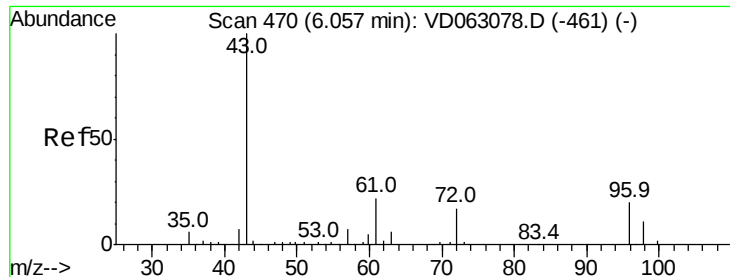
10000

0

3.10 3.20 3.30 3.40

Time-->





#25

2-Butanone

Concen: 8.806 ug/l

RT: 6.07 min Scan# 471

Delta R.T. 0.01 min

Lab File: VD063106.D

Acq: 16 Jul 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

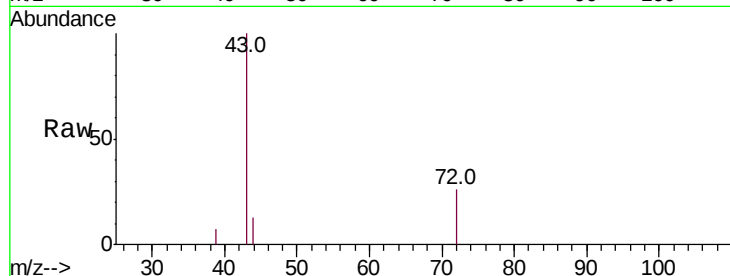
CL-01-071219-E

Tot Ion: 43 Resp: 14083

Ion Ratio Lower Upper

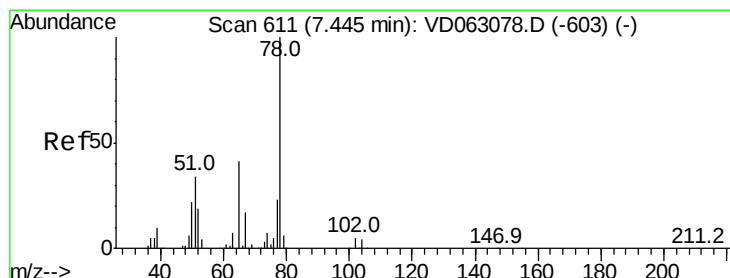
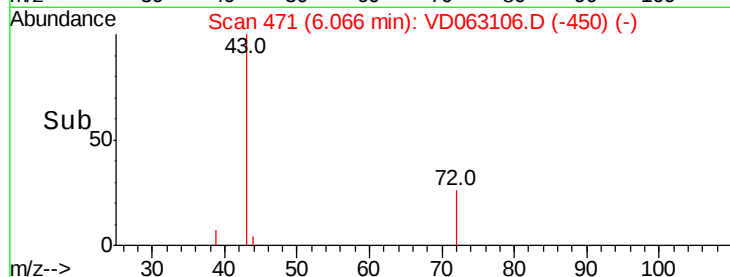
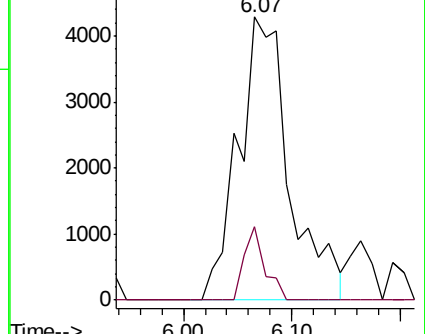
43 100

72 25.9 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 44.258 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063106.D

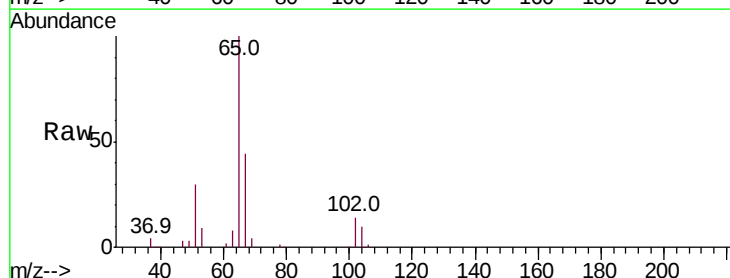
Acq: 16 Jul 2019 15:04

Tgt Ion: 65 Resp: 306896

Ion Ratio Lower Upper

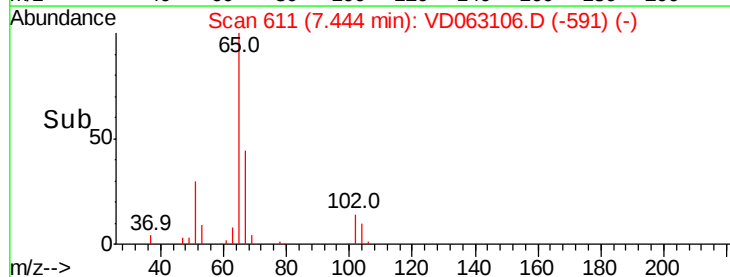
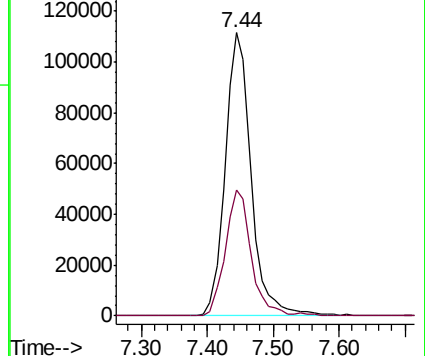
65 100

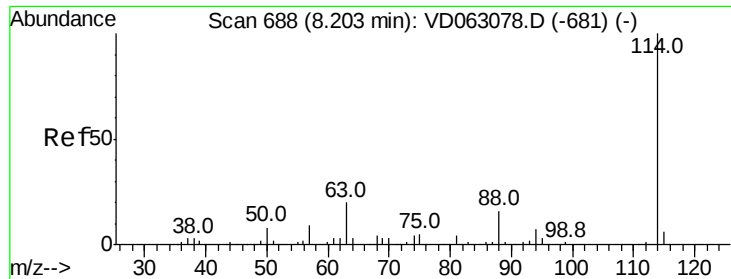
67 44.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

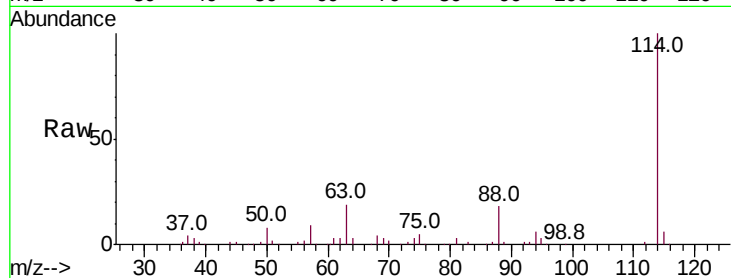




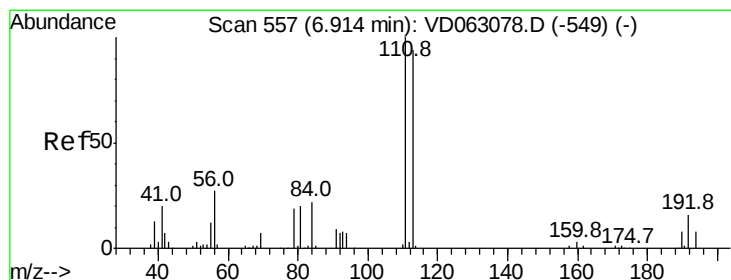
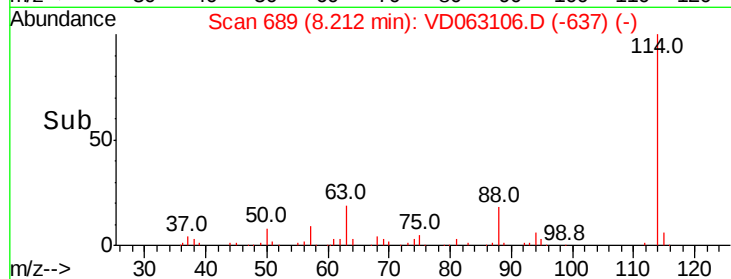
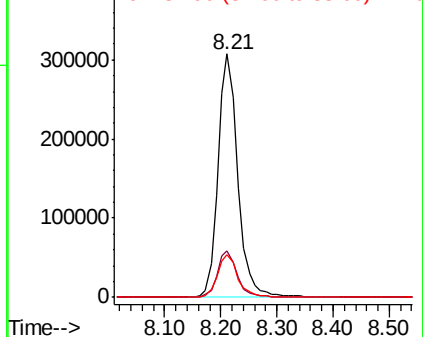
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063106.D
 Acq: 16 Jul 2019 15:04

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

Tot Ion:114 Resp: 755259
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 17.6 0.0 32.6

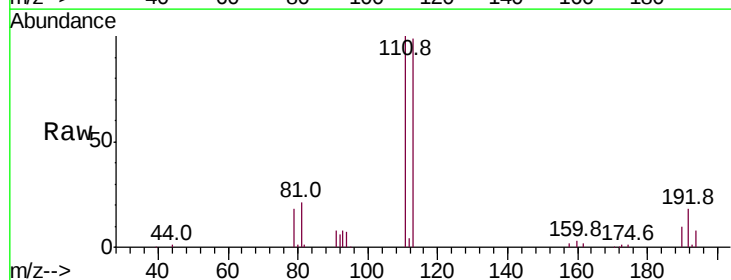


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

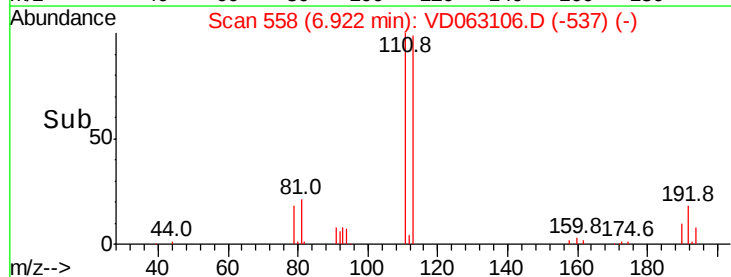
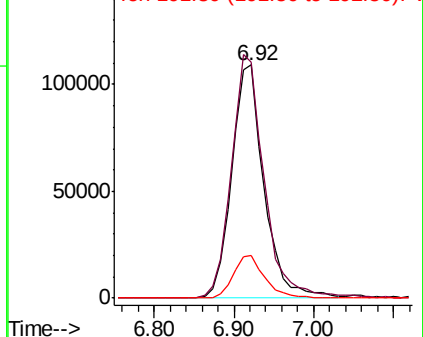


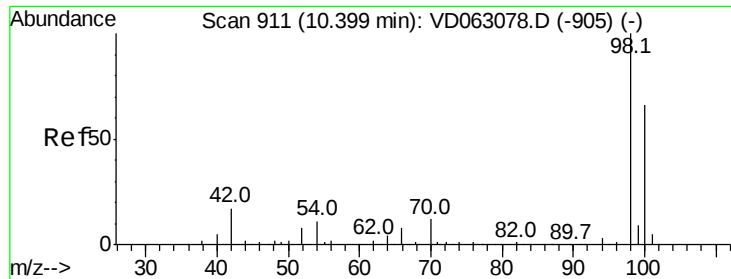
#35
 Dibromofluoromethane
 Concen: 40.911 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063106.D
 Acq: 16 Jul 2019 15:04

Tgt Ion:113 Resp: 307757
 Ion Ratio Lower Upper
 113 100
 111 101.1 84.8 127.2
 192 18.1 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: 43.568 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063106.D

Acq: 16 Jul 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

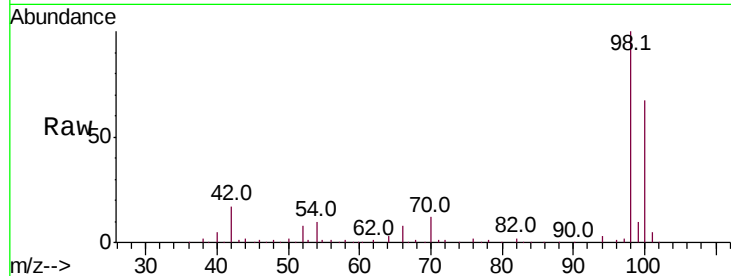
CL-01-071219-E

Tot Ion: 98 Resp: 703993

Ion Ratio Lower Upper

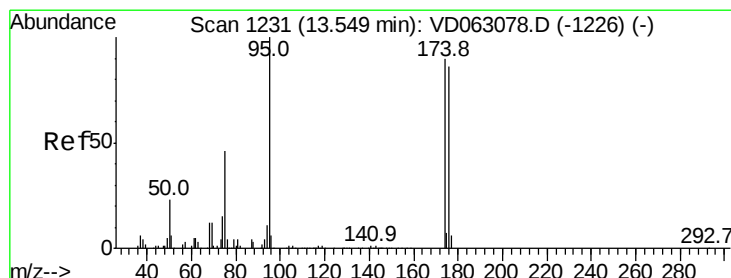
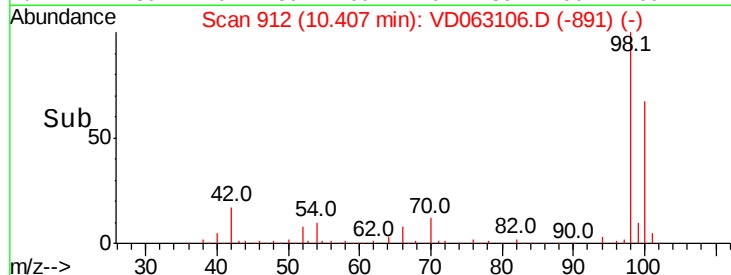
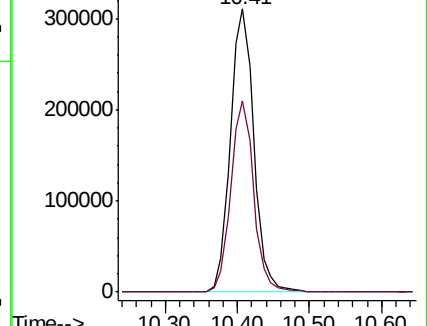
98 100

100 67.4 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 33.458 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063106.D

Acq: 16 Jul 2019 15:04

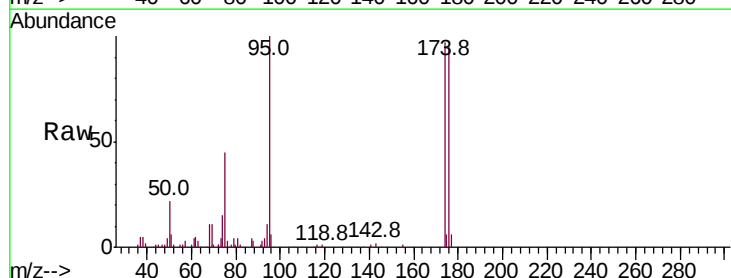
Tgt Ion: 95 Resp: 250119

Ion Ratio Lower Upper

95 100

174 96.6 0.0 180.6

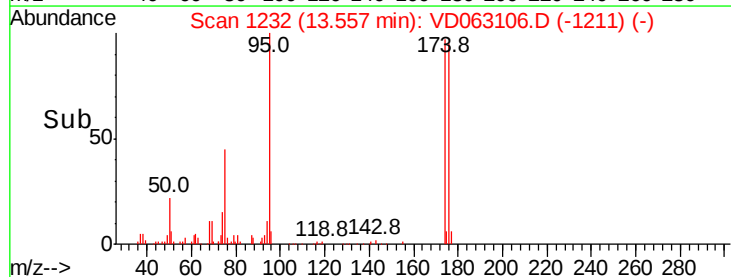
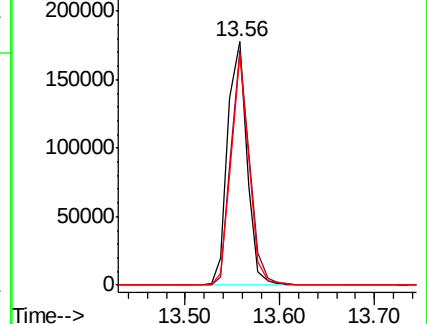
176 94.6 0.0 172.2

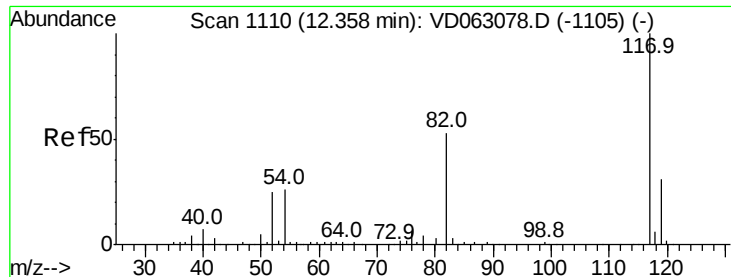


Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

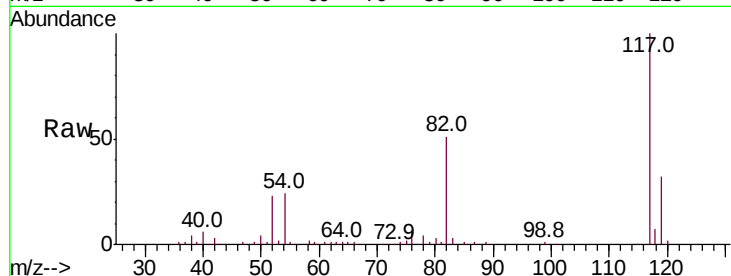




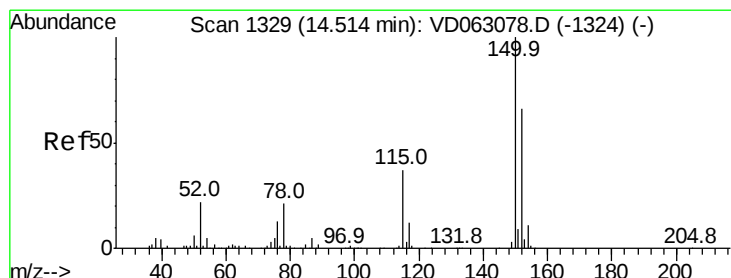
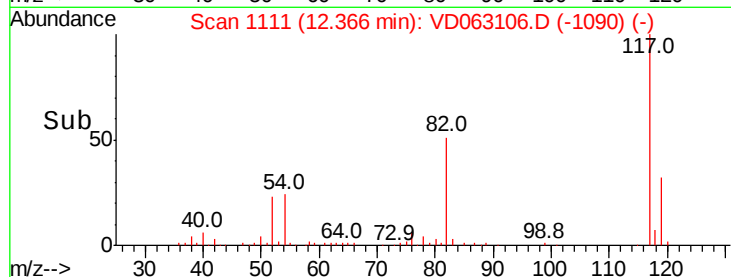
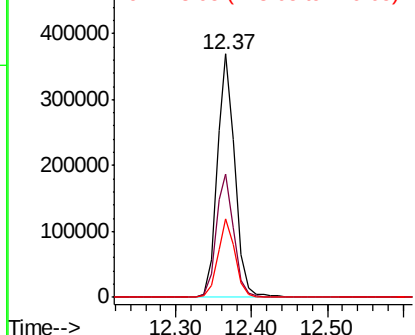
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063106.D
Acq: 16 Jul 2019 15:04

Instrument :
MSVOA_D
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CL-01-071219-E

Tot Ion:117 Resp: 602283
Ion Ratio Lower Upper
117 100
82 50.6 42.3 63.5
119 32.3 25.2 37.8

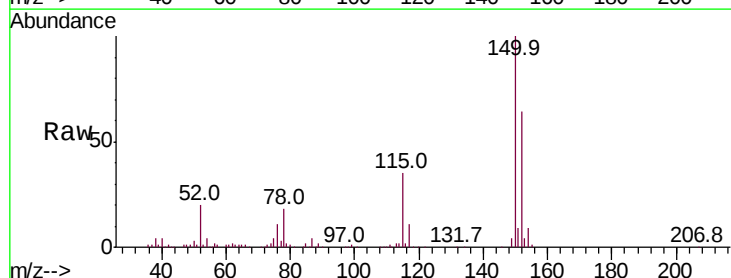


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063106.D
Acq: 16 Jul 2019 15:04

Tgt Ion:152 Resp: 251491
Ion Ratio Lower Upper
152 100
115 54.0 28.9 86.8
150 155.6 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

