

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063105.D
 Acq On : 16 Jul 2019 14:37
 Operator : VA/AP
 Sample : K3620-07
 Misc : 7.22g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 17 07:58:38 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

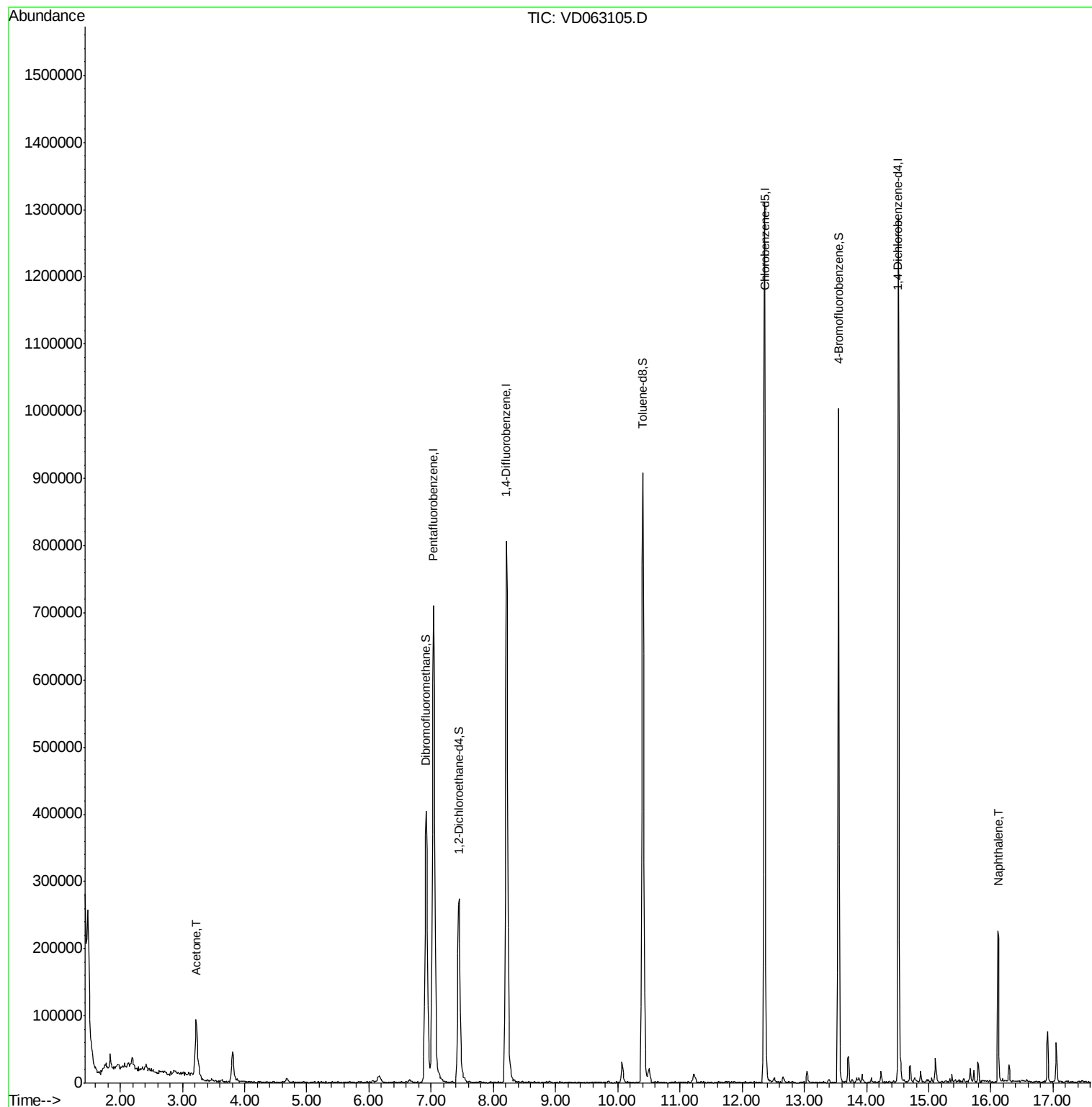
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	678109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	885439	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	688586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	276992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	325942	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
35) Dibromofluoromethane	6.92	113	372520	42.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.48%	
50) Toluene-d8	10.40	98	733332	38.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.42%	
62) 4-Bromofluorobenzene	13.55	95	275593	31.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.90%	
Target Compounds						
16) Acetone	3.22	43	171390	84.005	ug/l	93
95) Naphthalene	16.12	128	157181	14.826	ug/l	98

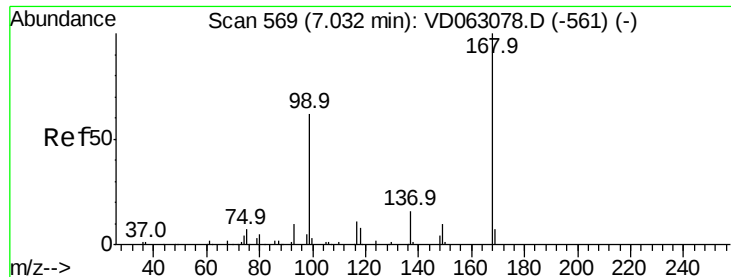
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063105.D

Acq: 16 Jul 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

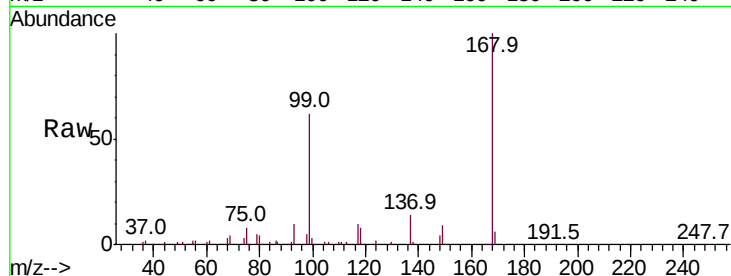
CL-01-071219-D

Tot Ion:168 Resp: 678109

Ion Ratio Lower Upper

168 100

99 62.2 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

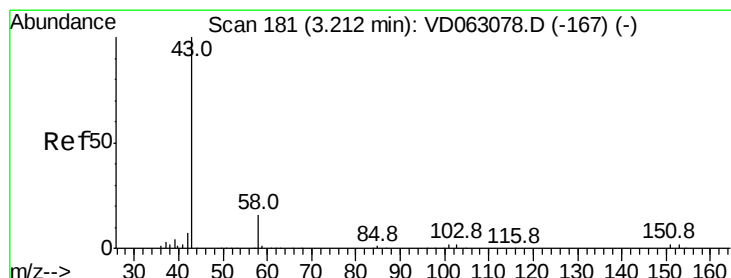
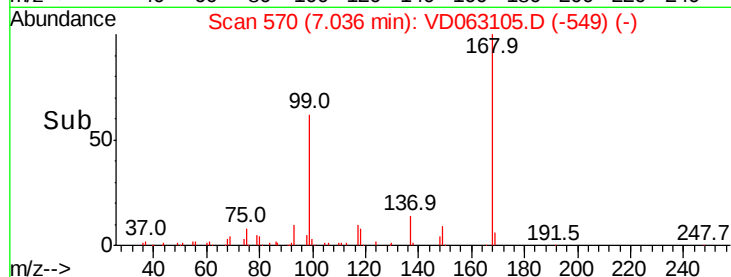
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 84.005 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063105.D

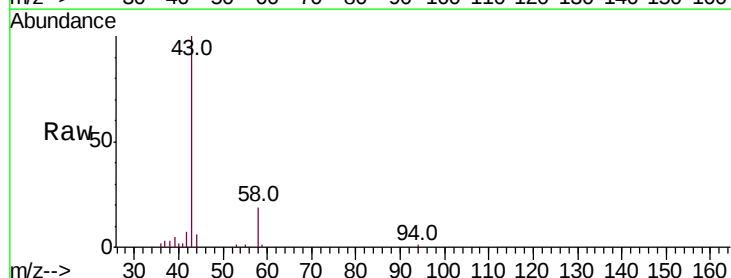
Acq: 16 Jul 2019 14:37

Tgt Ion: 43 Resp: 171390

Ion Ratio Lower Upper

43 100

58 19.2 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

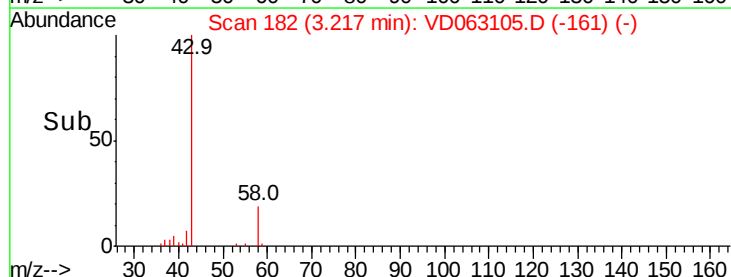
60000

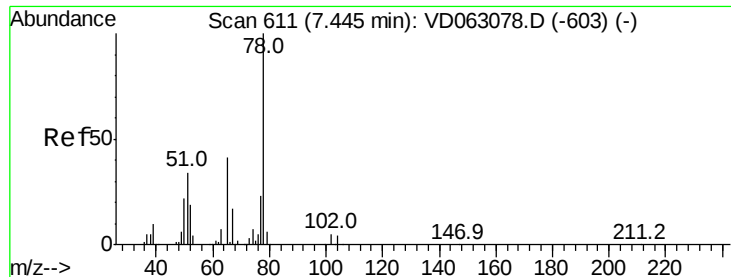
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.586 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063105.D

Acq: 16 Jul 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

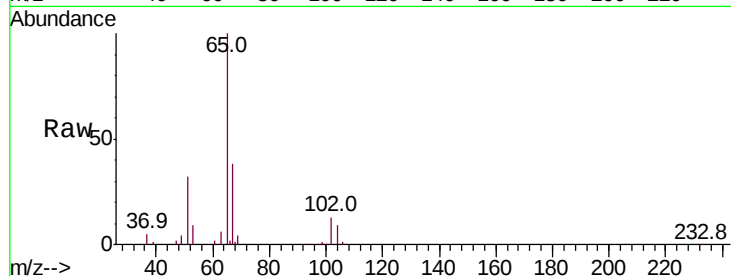
CL-01-071219-D

Tot Ion: 65 Resp: 325942

Ion Ratio Lower Upper

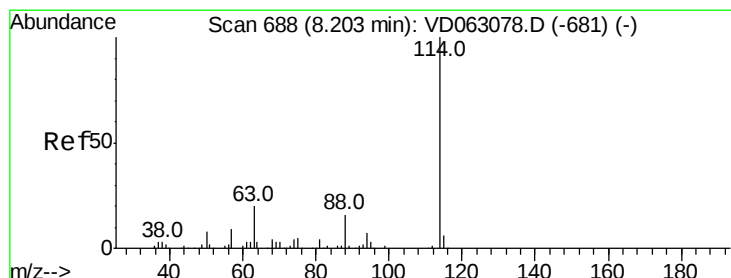
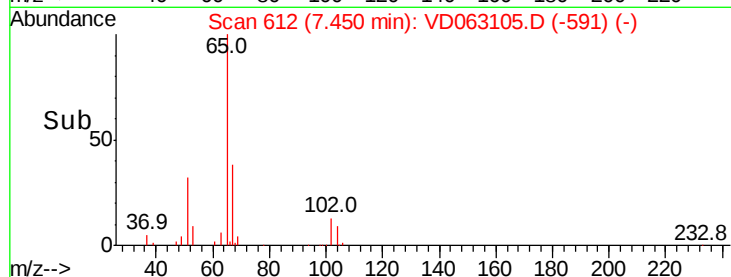
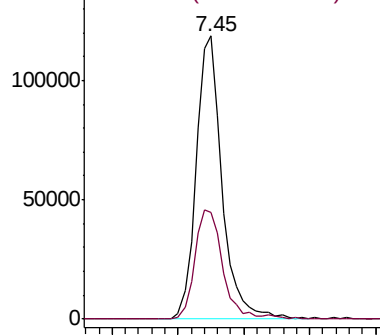
65 100

67 37.9 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. 0.00 min

Lab File: VD063105.D

Acq: 16 Jul 2019 14:37

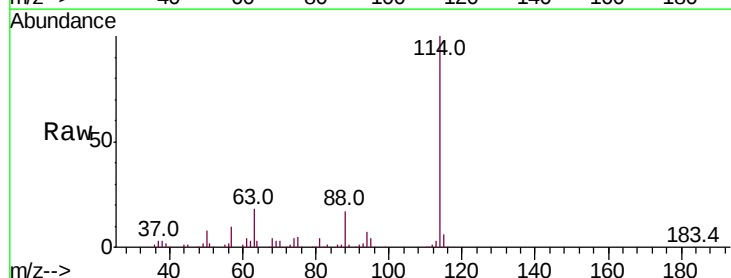
Tgt Ion: 114 Resp: 885439

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.6

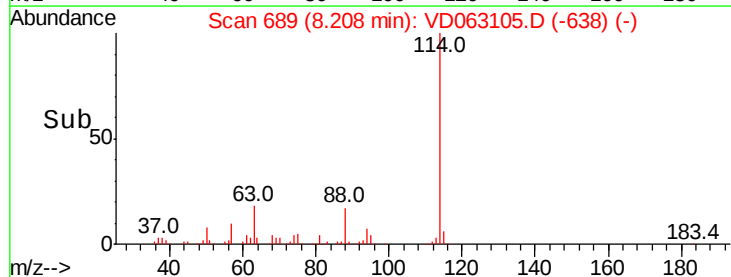
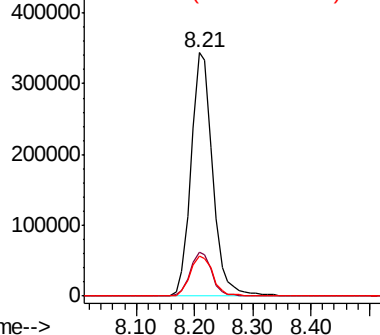
88 16.6 0.0 32.6

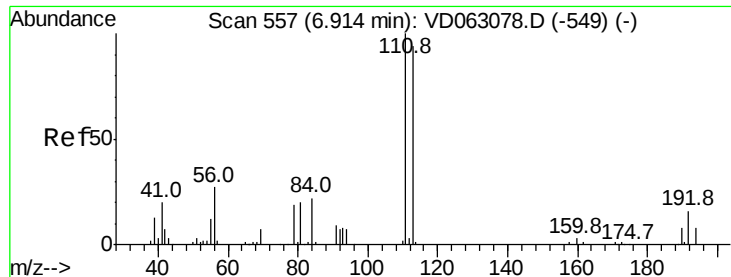


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

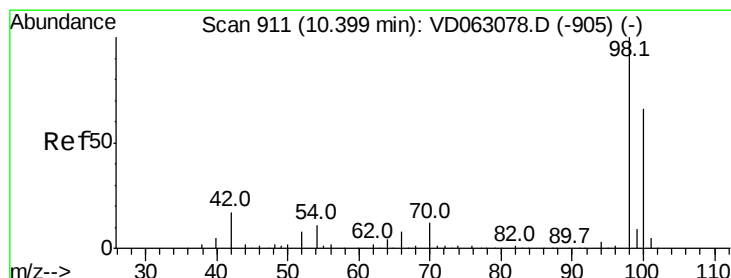
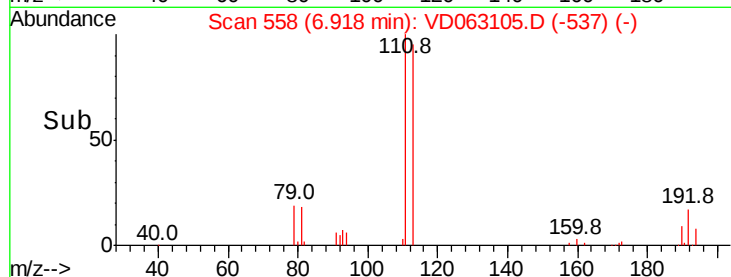
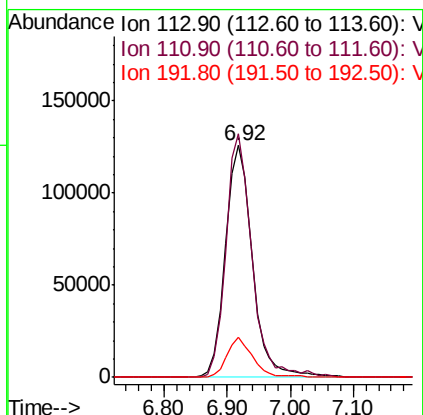
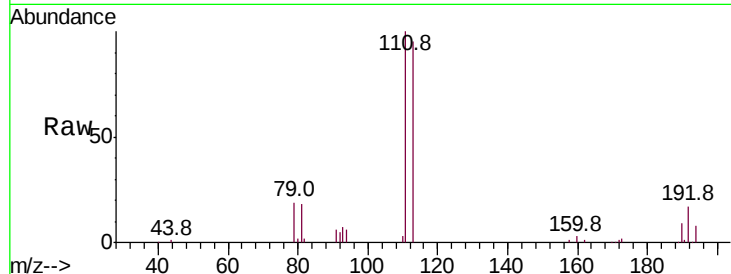




#35
 Dibromofluoromethane
 Concen: 42.240 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063105.D
 Acq: 16 Jul 2019 14:37

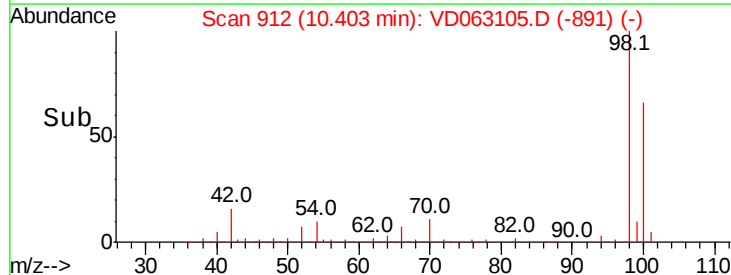
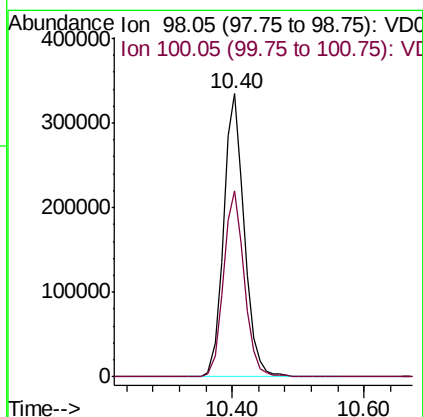
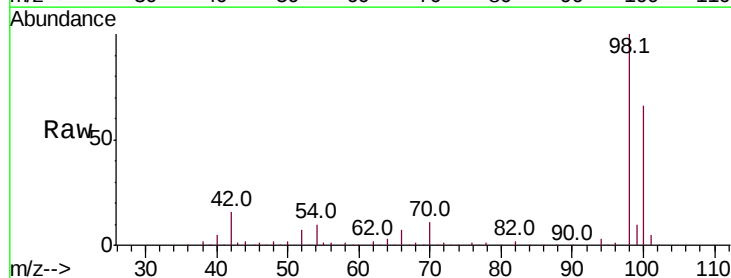
Instrument :
 MSVOA_D
 ClientSampleID :
 CL-01-071219-D

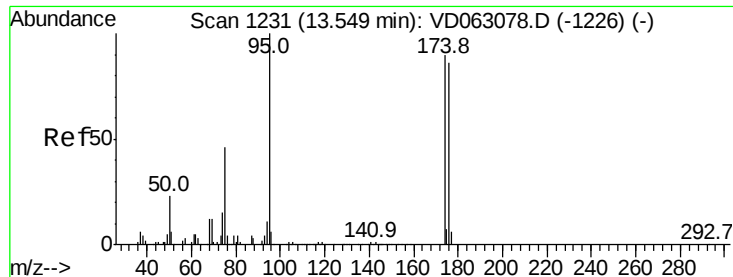
Tot Ion:113 Resp: 372520
 Ion Ratio Lower Upper
 113 100
 111 105.0 84.8 127.2
 192 17.4 13.4 20.0



#50
 Toluene-d8
 Concen: 38.711 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063105.D
 Acq: 16 Jul 2019 14:37

Tgt Ion: 98 Resp: 733332
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 31.446 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063105.D

Acq: 16 Jul 2019 14:37

Instrument :

MSVOA_D

ClientSampleId :

CL-01-071219-D

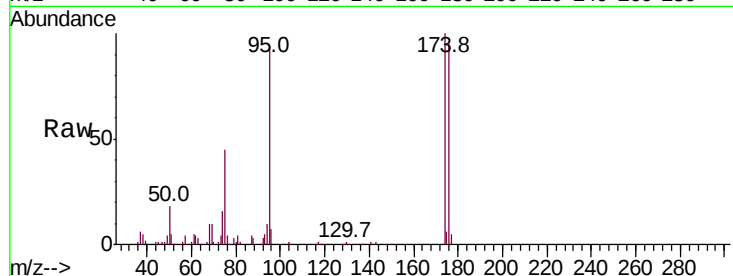
Tot Ion: 95 Resp: 275593

Ion Ratio Lower Upper

95 100

174 106.1 0.0 180.6

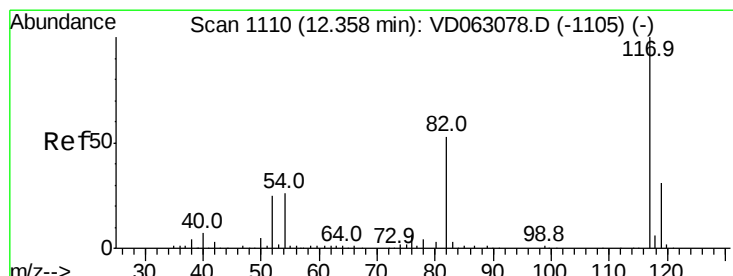
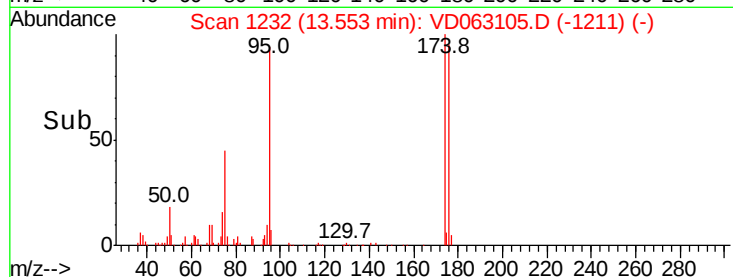
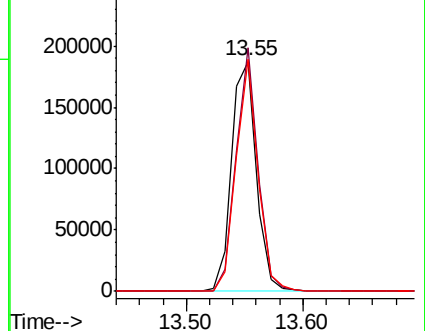
176 101.0 0.0 172.2



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: VD063105.D

Acq: 16 Jul 2019 14:37

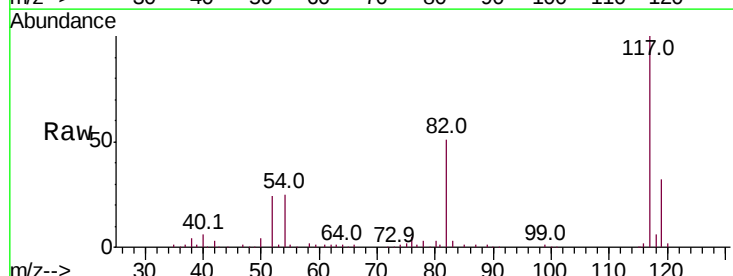
Tgt Ion: 117 Resp: 688586

Ion Ratio Lower Upper

117 100

82 51.3 42.3 63.5

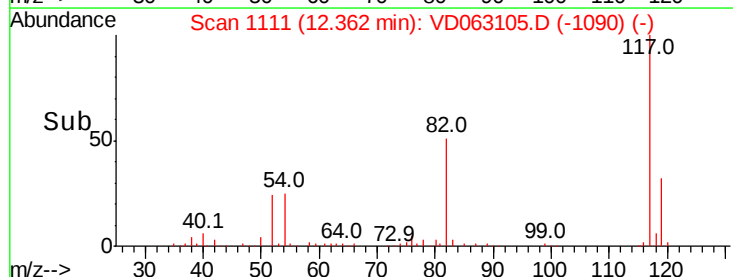
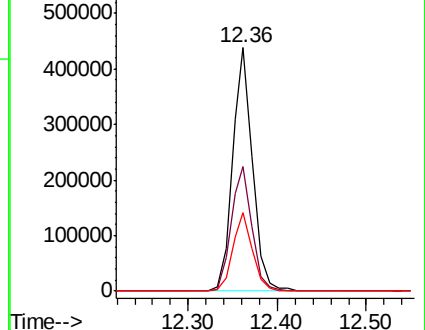
119 32.4 25.2 37.8

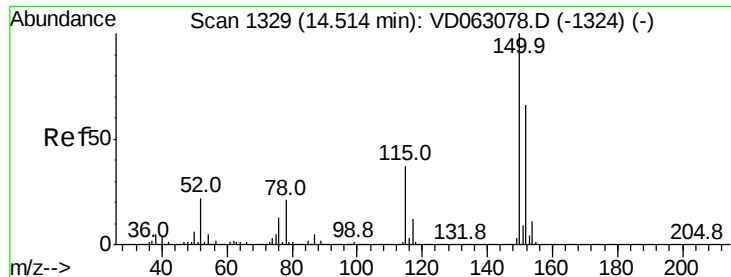


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



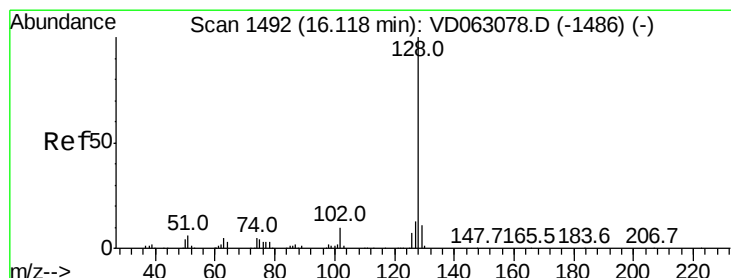
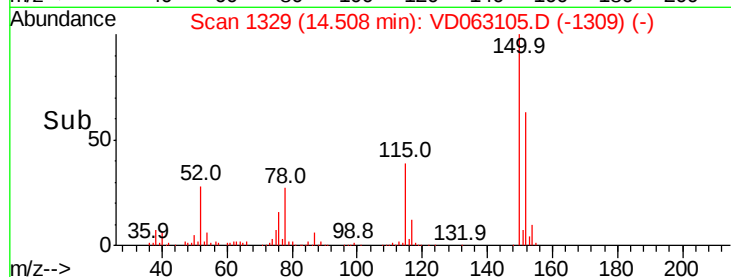
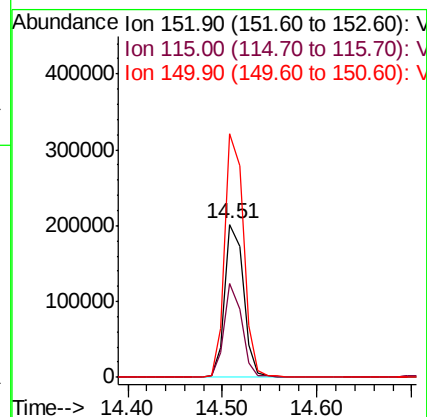
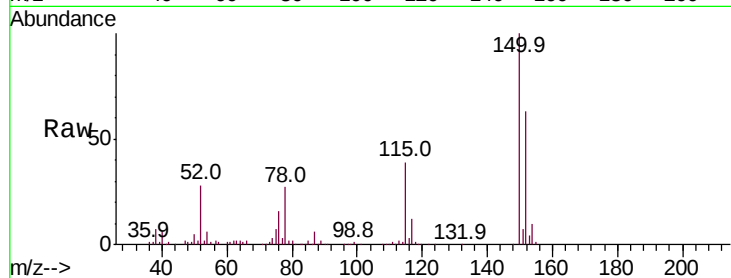


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

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

Tot Ion:152 Resp: 276992
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.8
150 158.7 0.0 313.8



#95

Naphthalene
Concen: 14.826 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD063105.D
Acq: 16 Jul 2019 14:37

Tgt Ion:128 Resp: 157181
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.3 8.7 13.1

