

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063542.D
 Acq On : 13 Aug 2019 22:04
 Operator : JC/SY
 Sample : K4290-01
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Quant Time: Aug 14 09:28:50 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

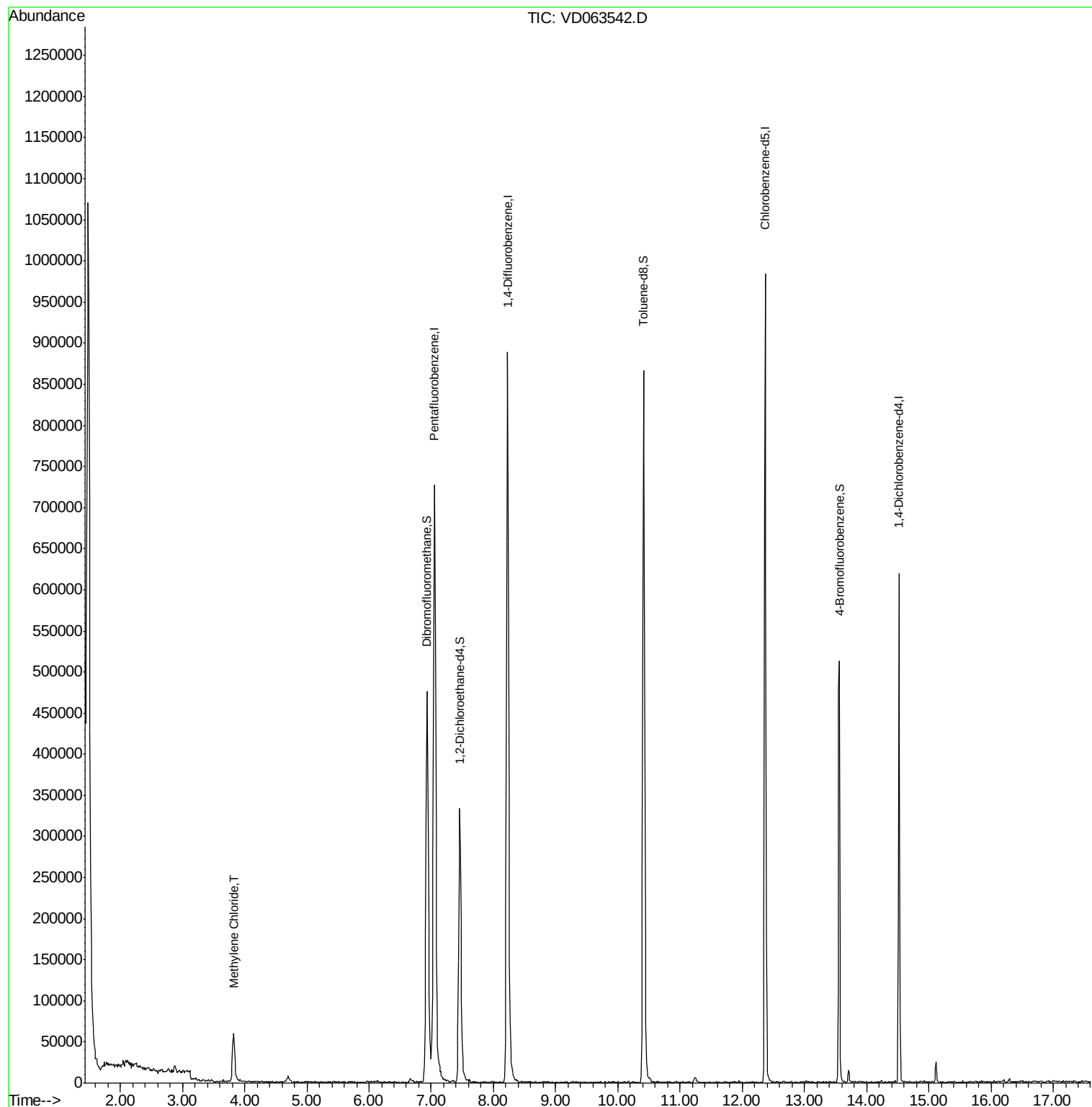
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	718495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	972548	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	550315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	130496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	380879	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	6.93	113	436358	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	10.41	98	721661	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
62) 4-Bromofluorobenzene	13.56	95	151430	18.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.10%	
Target Compounds						
20) Methylene Chloride	3.83	84	37073	5.492	ug/l	Qvalue 93

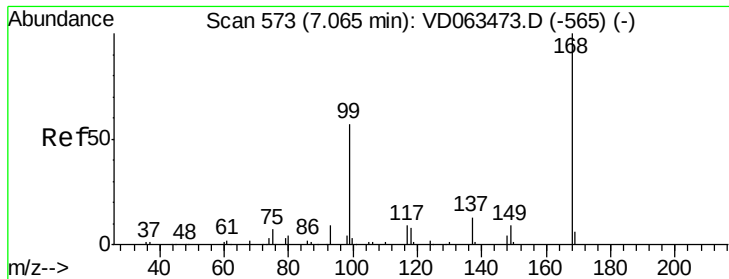
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063542.D

Acq: 13 Aug 2019 22:04

Instrument :

MSVOA_D

ClientSampleId :

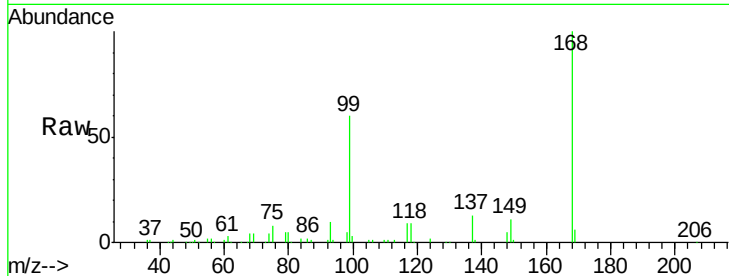
B-1

Tot Ion:168 Resp: 718495

Ion Ratio Lower Upper

168 100

99 60.0 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

250000

200000

150000

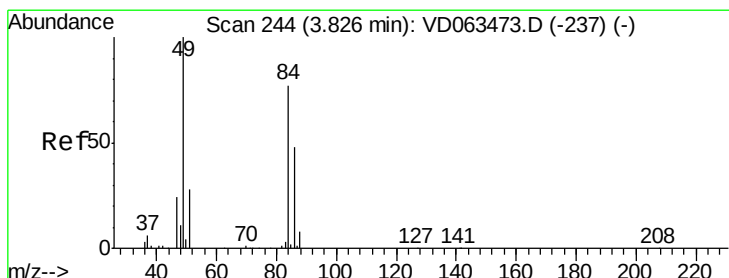
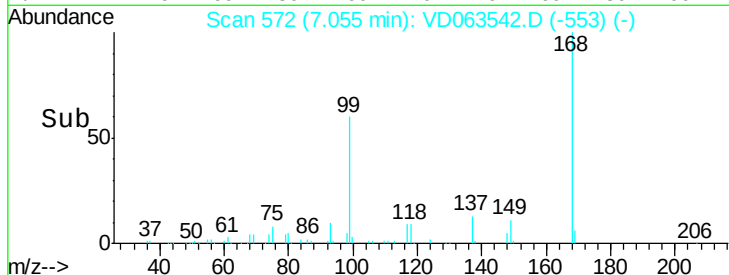
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 5.492 ug/l

RT: 3.83 min Scan# 244

Delta R.T. -0.00 min

Lab File: VD063542.D

Acq: 13 Aug 2019 22:04

Tgt Ion: 84 Resp: 37073

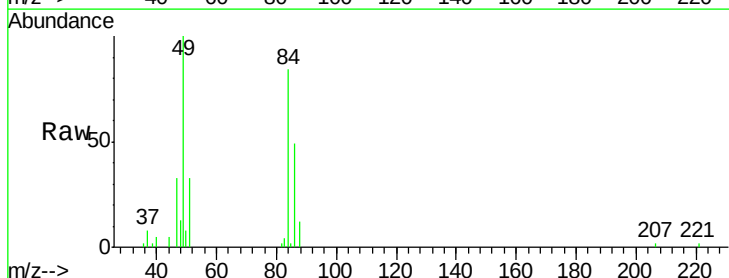
Ion Ratio Lower Upper

84 100

49 119.7 103.4 155.2

51 39.3 28.5 42.7

86 58.8 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

25000

20000

15000

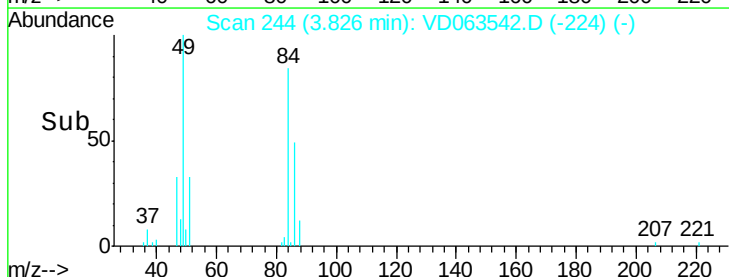
10000

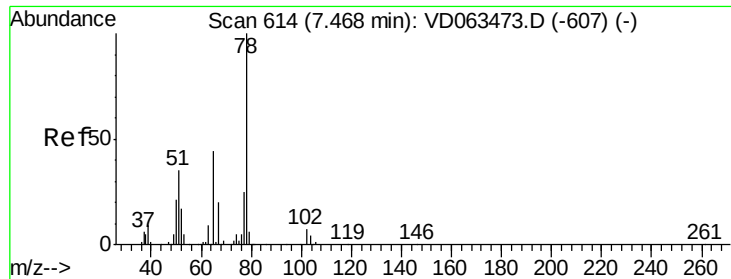
5000

0

Time-->

3.70 3.80 3.90

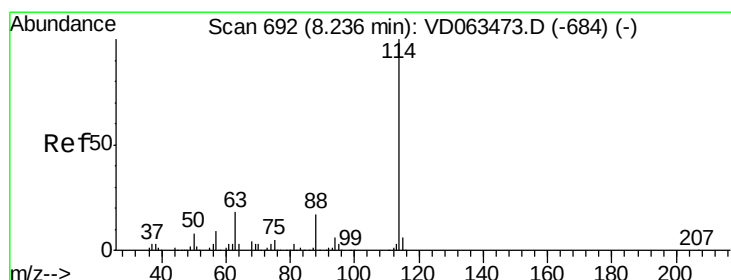
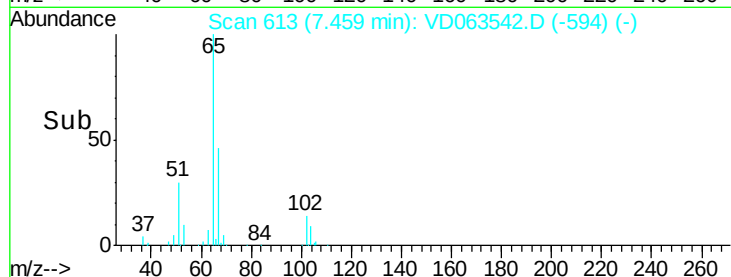
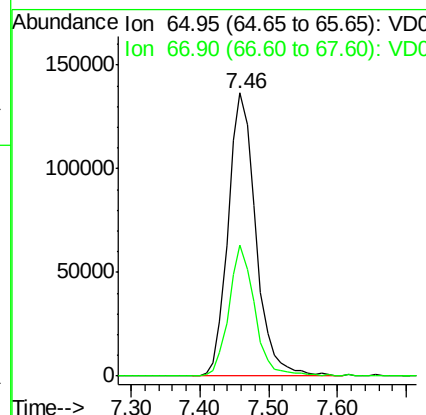
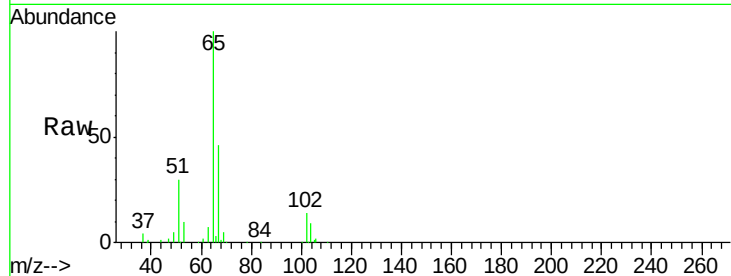




#33
 1,2-Dichloroethane-d4
 Concen: 49.593 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063542.D
 Acq: 13 Aug 2019 22:04

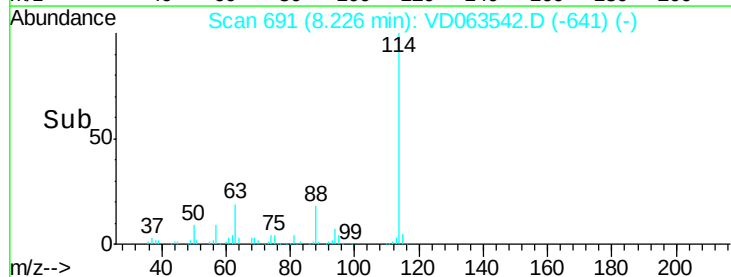
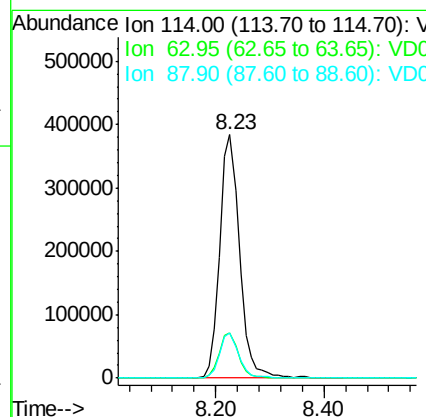
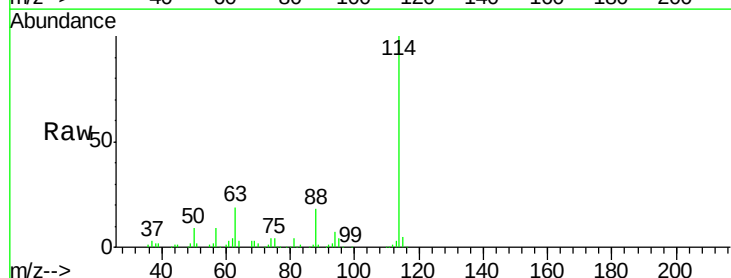
Instrument :
 MSVOA_D
 ClientSampled :
 B-1

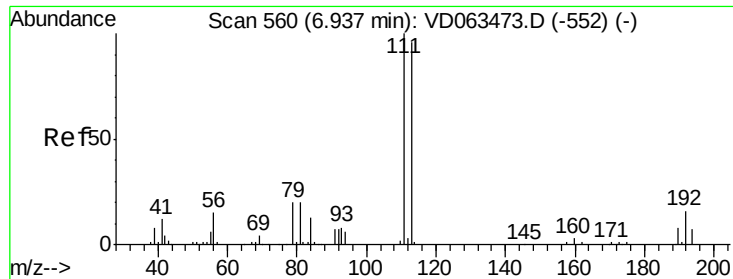
Tot Ion: 65 Resp: 380879
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063542.D
 Acq: 13 Aug 2019 22:04

Tgt Ion: 114 Resp: 972548
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 18.3 0.0 35.0

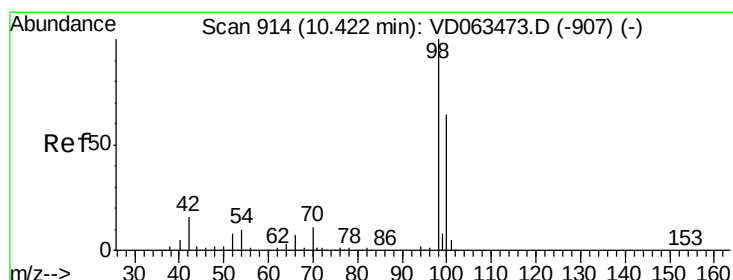
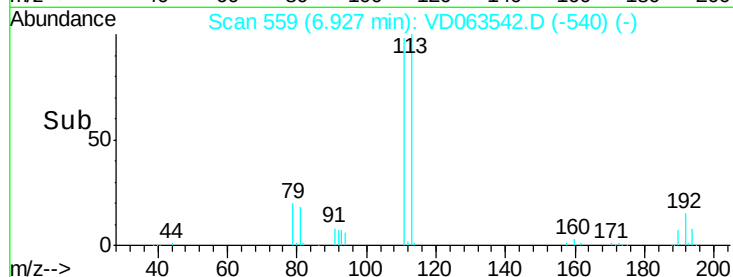
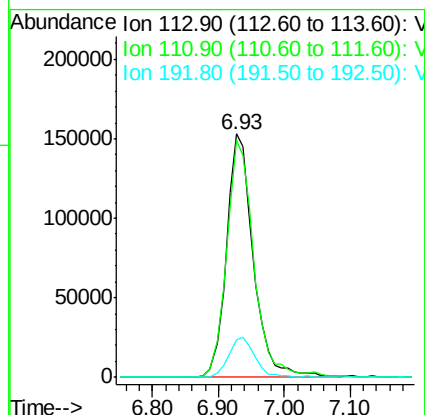
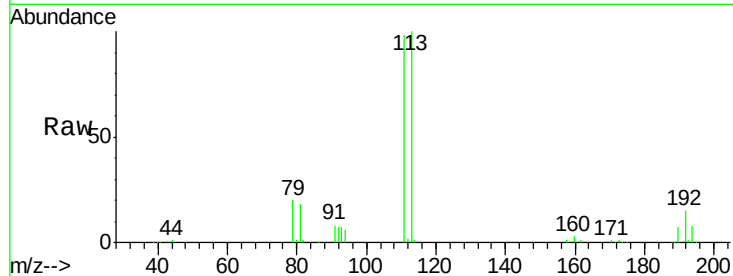




#35
 Dibromofluoromethane
 Concen: 53.274 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063542.D
 Acq: 13 Aug 2019 22:04

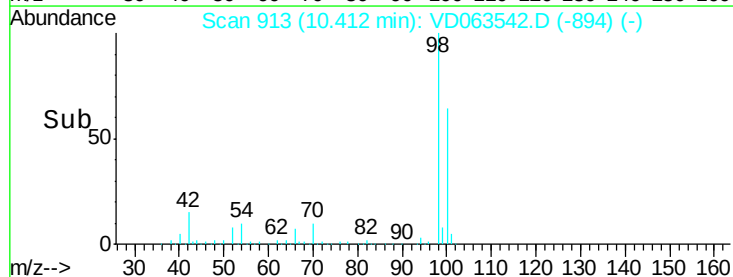
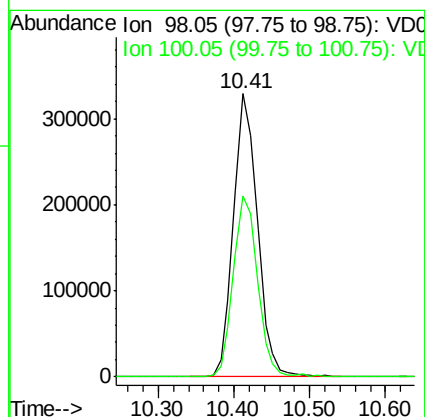
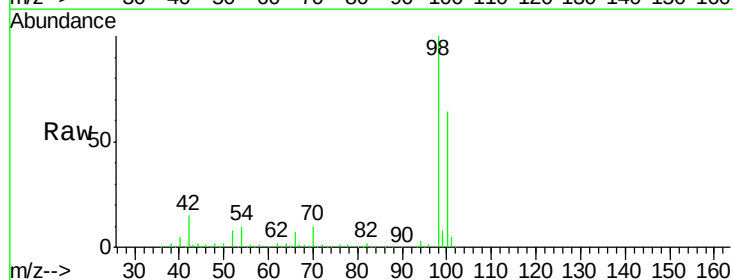
Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

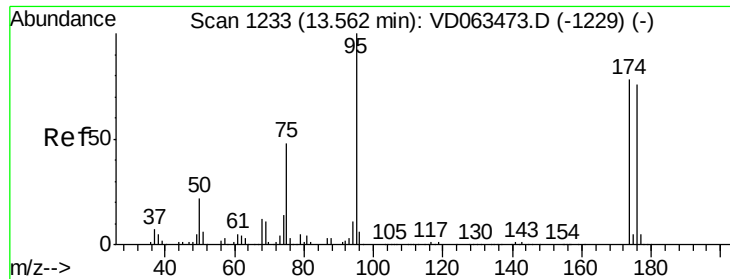
Tot Ion:113 Resp: 436358
 Ion Ratio Lower Upper
 113 100
 111 97.6 83.1 124.7
 192 15.3 13.1 19.7



#50
 Toluene-d8
 Concen: 40.074 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063542.D
 Acq: 13 Aug 2019 22:04

Tgt Ion: 98 Resp: 721661
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5

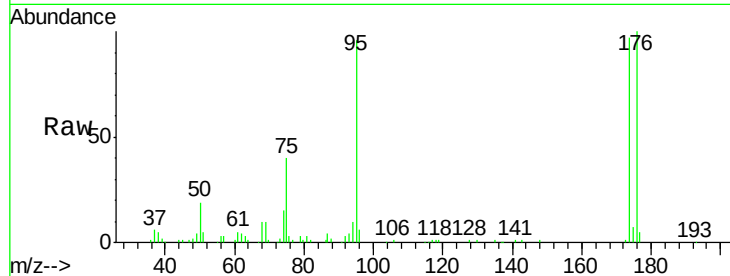




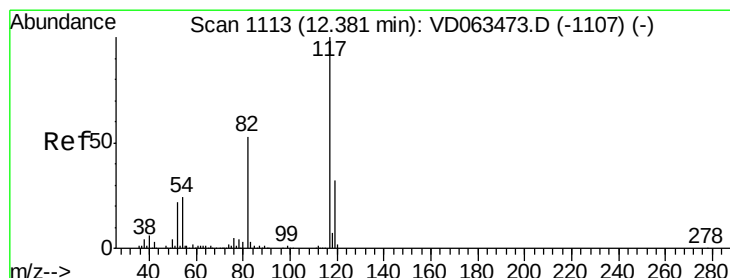
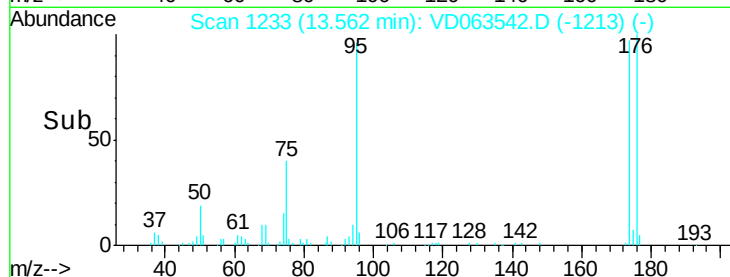
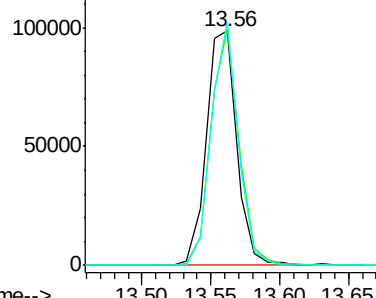
#62
4-Bromofluorobenzene
Concen: 18.553 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :
B-1

Tot Ion: 95 Resp: 151430
Ion Ratio Lower Upper
95 100
174 100.9 0.0 155.4
176 103.8 0.0 152.4

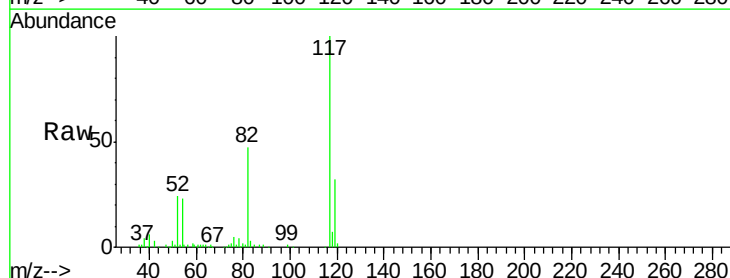


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

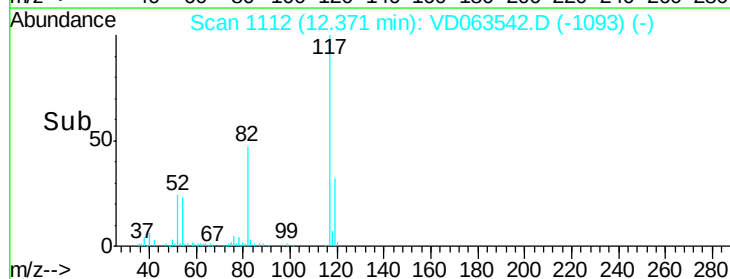
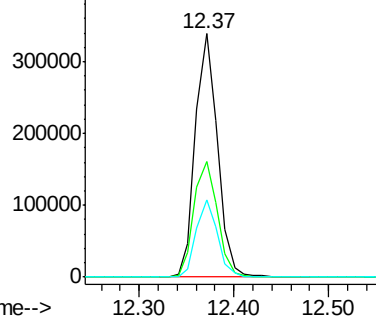


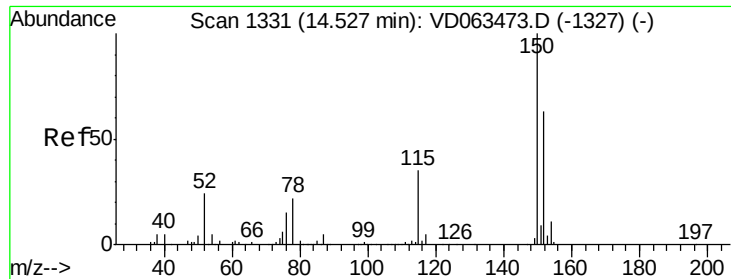
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 117 Resp: 550315
Ion Ratio Lower Upper
117 100
82 47.3 42.0 63.0
119 31.9 25.4 38.0



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

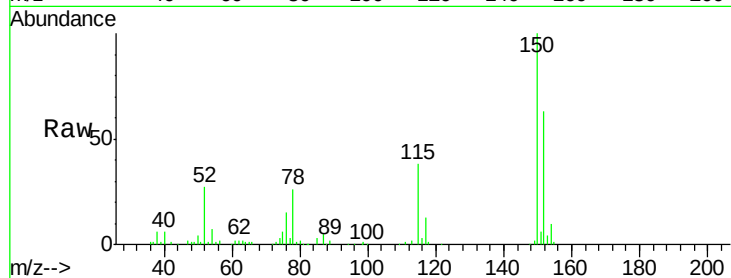




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063542.D
 Acq: 13 Aug 2019 22:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.9	92.7
150	158.6	0.0	318.6



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

