

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062316.D
 Acq On : 13 May 2019 20:30
 Operator : FY/SY
 Sample : K2756-11
 Misc : 6.27g/5mL/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0002-01

Quant Time: May 15 18:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

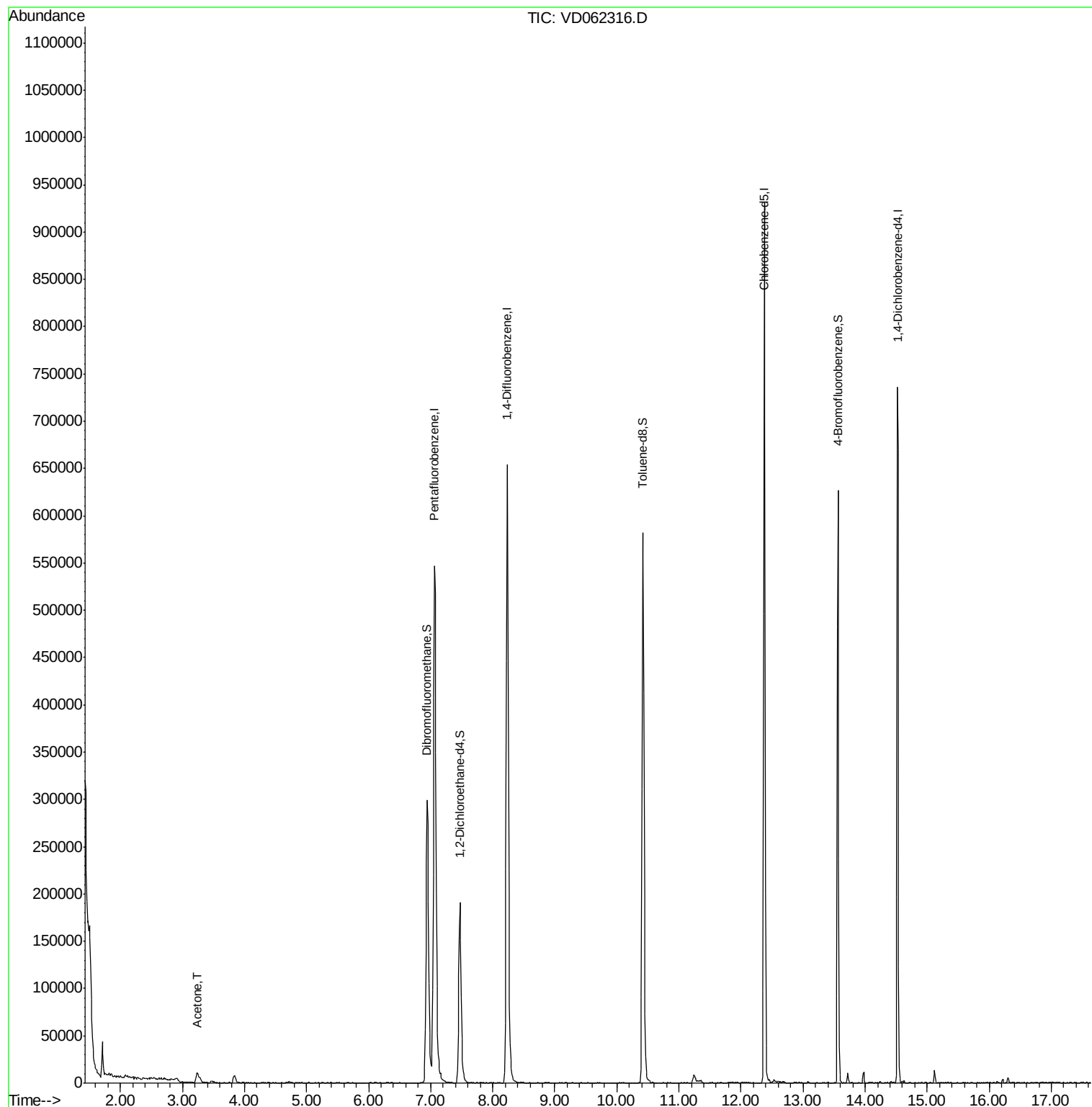
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	497548	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	692678	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	462653	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	169067	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	227535	49.21	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	6.94	113	262865	45.74	ug/l	0.05
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	10.42	98	499561	36.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.10%	
62) 4-Bromofluorobenzene	13.57	95	177875	31.97	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.94%	
Target Compounds						
16) Acetone	3.23	43	22355	23.055	ug/l #	Qvalue 86

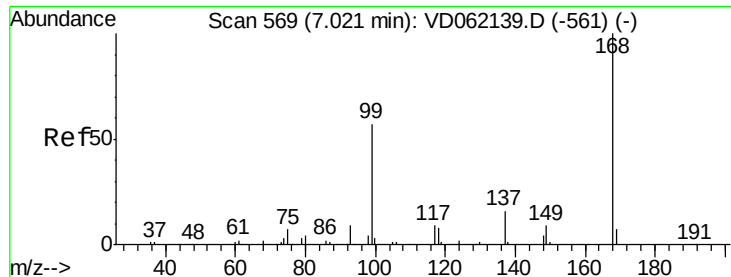
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062316.D

Acq: 13 May 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

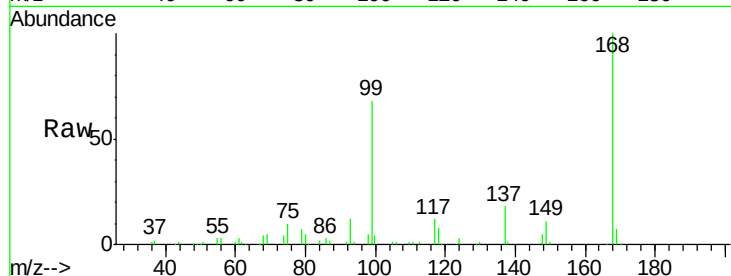
P021-SS007-0002-01

Tot Ion:168 Resp: 497548

Ion Ratio Lower Upper

168 100

99 68.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

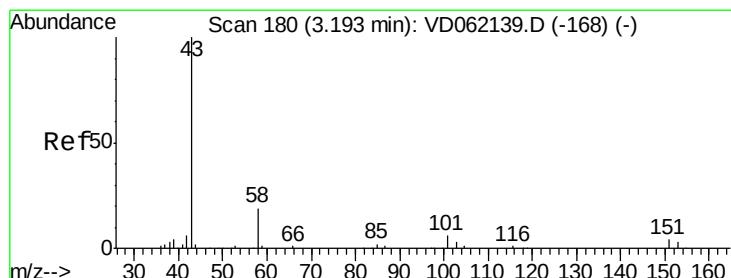
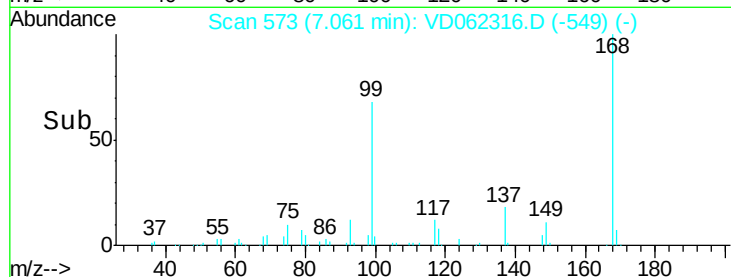
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 23.055 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062316.D

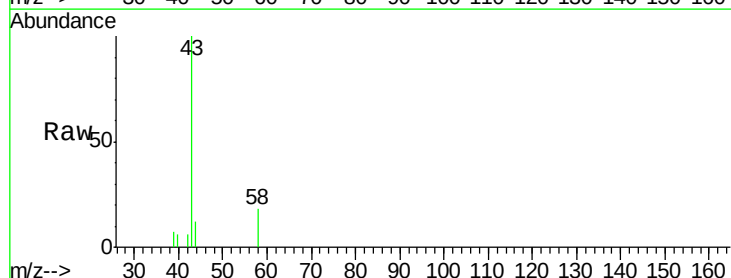
Acq: 13 May 2019 20:30

Tgt Ion: 43 Resp: 22355

Ion Ratio Lower Upper

43 100

58 17.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

8000

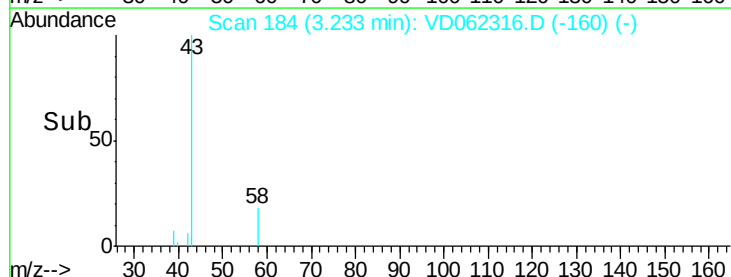
6000

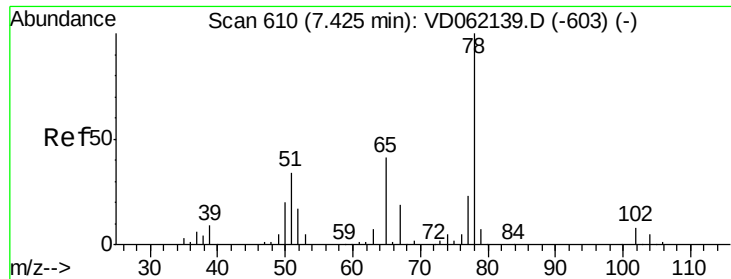
4000

2000

0

Time--> 3.10 3.20 3.30 3.40

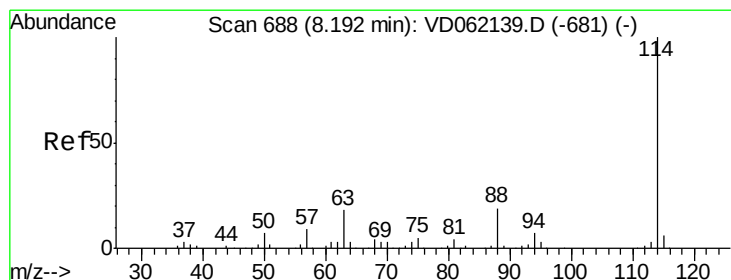
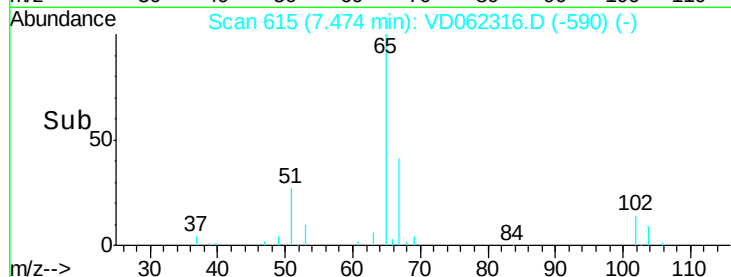
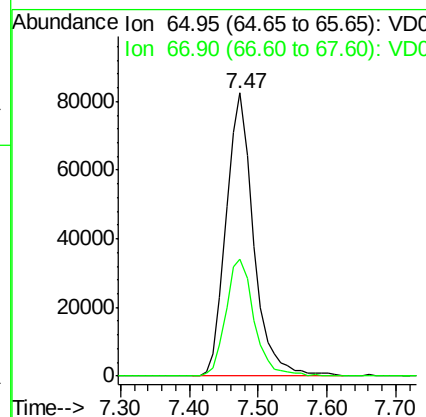
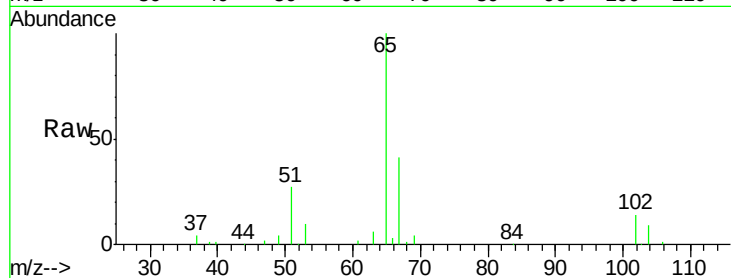




#33
 1,2-Dichloroethane-d4
 Concen: 49.210 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062316.D
 Acq: 13 May 2019 20:30

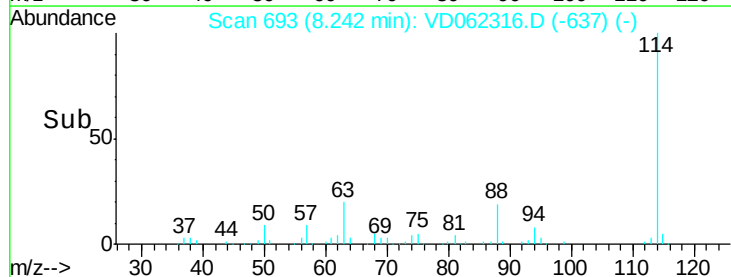
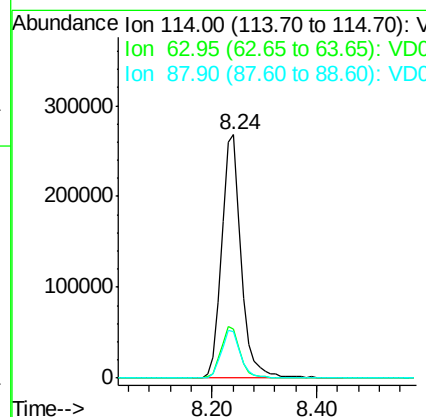
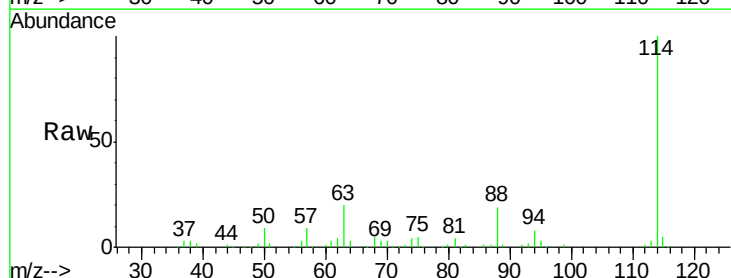
Instrument :
 MSVOA_D
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 P021-SS007-0002-01

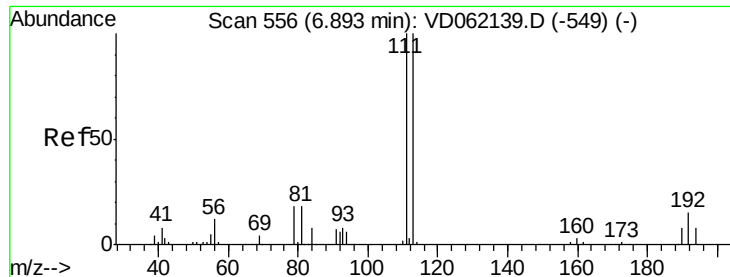
Tot Ion: 65 Resp: 227535
 Ion Ratio Lower Upper
 65 100
 67 41.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062316.D
 Acq: 13 May 2019 20:30

Tgt Ion: 114 Resp: 692678
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 32.4
 88 19.3 0.0 33.6

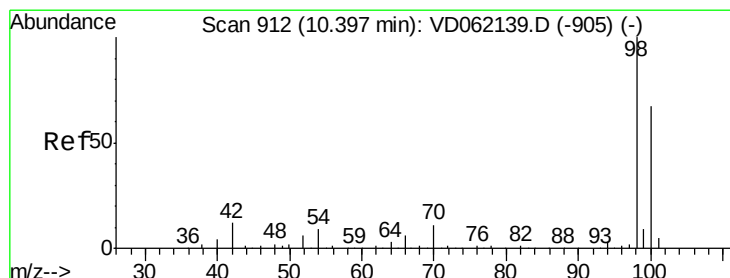
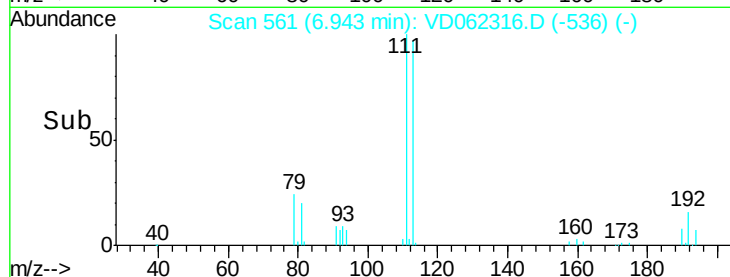
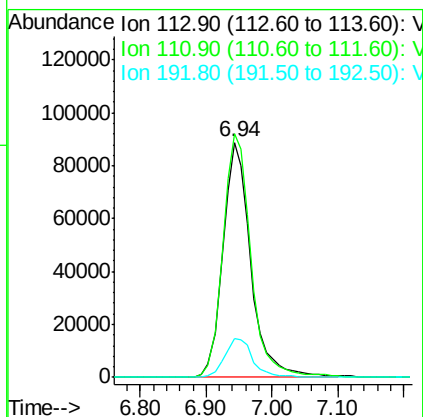
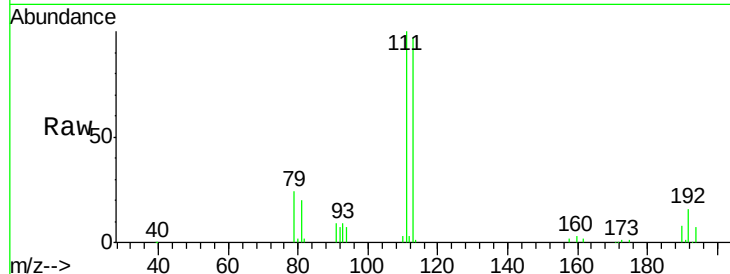




#35
 Dibromofluoromethane
 Concen: 45.738 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062316.D
 Acq: 13 May 2019 20:30

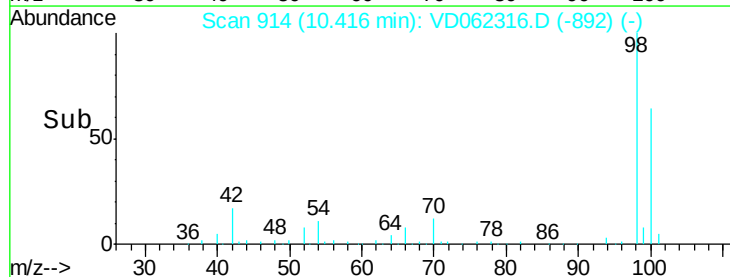
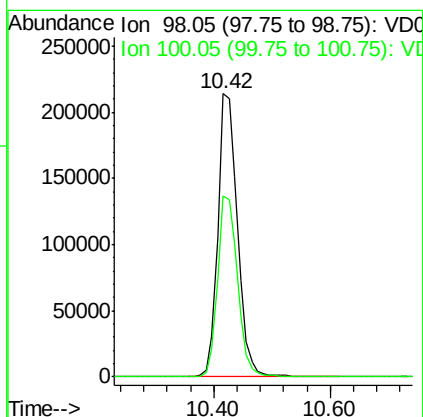
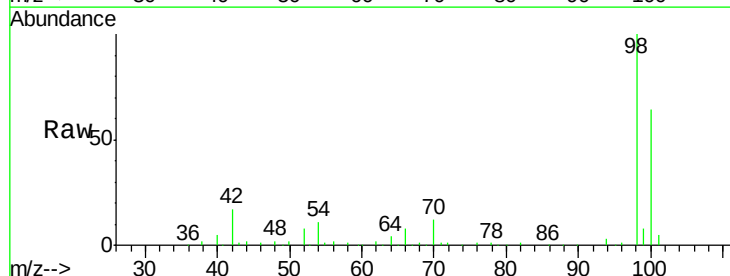
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0002-01

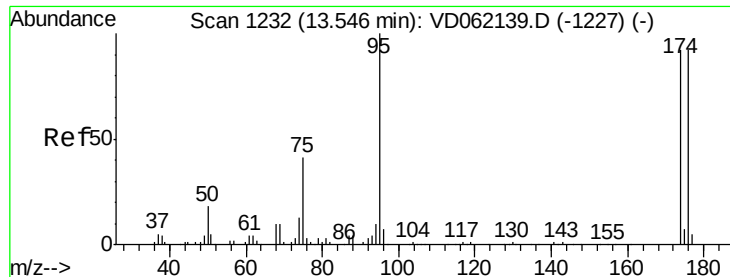
Tot Ion:113 Resp: 262865
 Ion Ratio Lower Upper
 113 100
 111 103.5 78.5 117.7
 192 16.6 13.0 19.4



#50
 Toluene-d8
 Concen: 36.051 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD062316.D
 Acq: 13 May 2019 20:30

Tgt Ion: 98 Resp: 499561
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.8 80.8

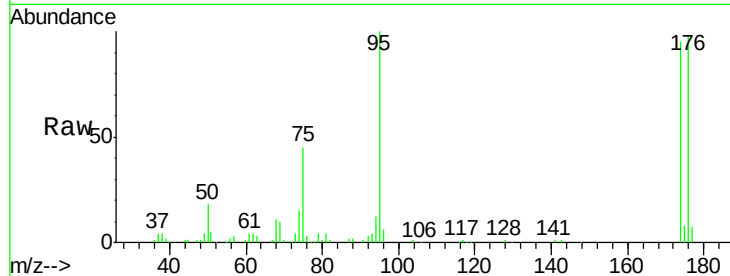




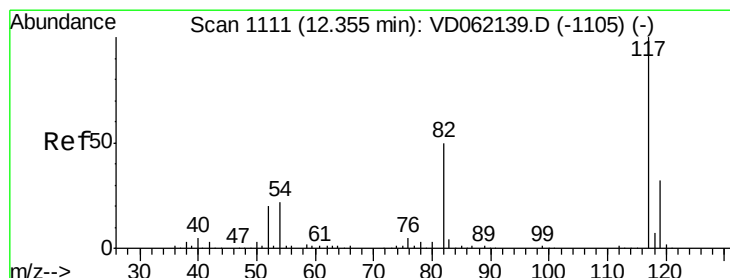
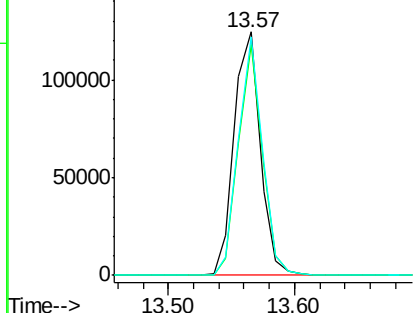
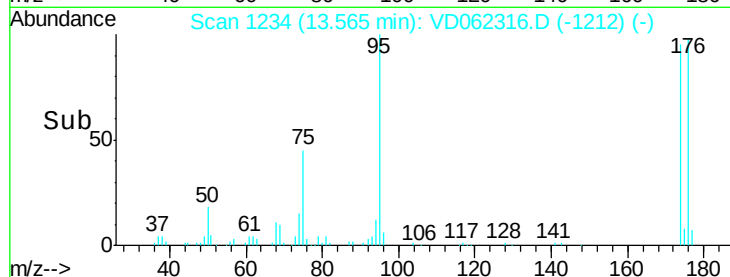
#62
4-Bromofluorobenzene
Concen: 31.966 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062316.D
Acq: 13 May 2019 20:30

Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0002-01

Tot Ion: 95 Resp: 177875
Ion Ratio Lower Upper
95 100
174 94.8 0.0 181.8
176 98.1 0.0 174.4

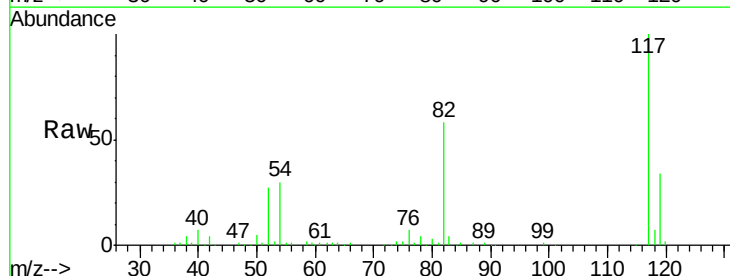


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

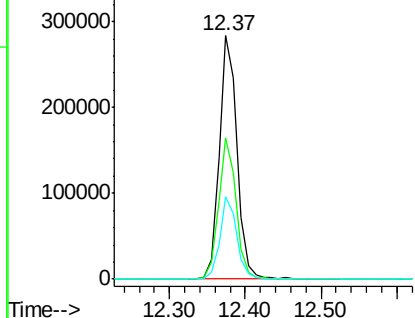
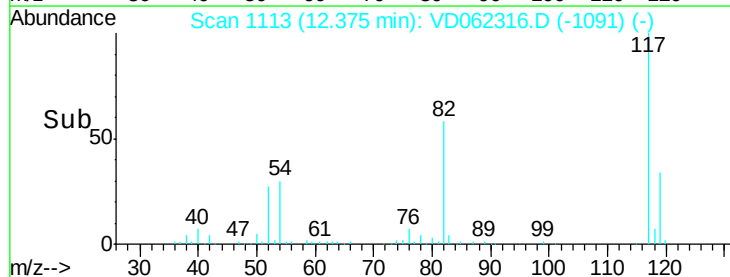


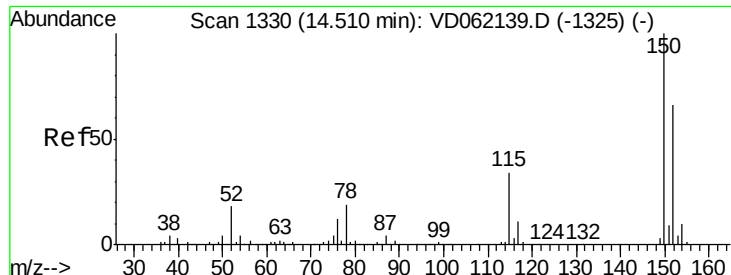
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062316.D
Acq: 13 May 2019 20:30

Tgt Ion: 117 Resp: 462653
Ion Ratio Lower Upper
117 100
82 58.2 36.2 54.2#
119 33.9 26.2 39.4



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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062316.D

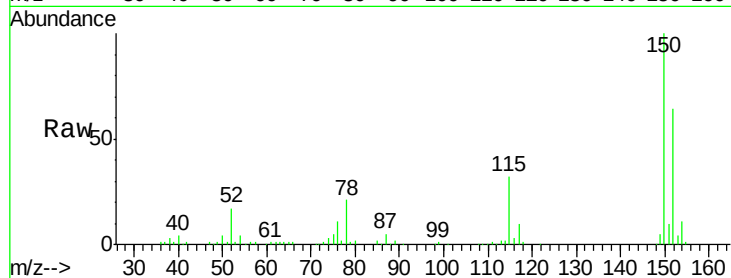
Acq: 13 May 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0002-01



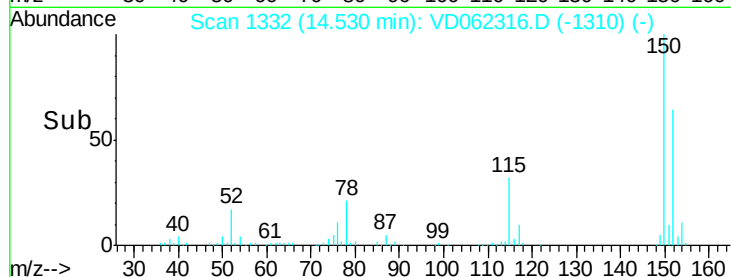
Tot Ion:152 Resp: 169067

Ion Ratio Lower Upper

152 100

115 50.3 30.9 92.7

150 156.6 0.0 314.8



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

