

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051319\
 Data File : VD062300.D
 Acq On : 13 May 2019 13:08
 Operator : FY/SY
 Sample : K2718-17
 Misc : 5.58g/5mL/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0206-01

Quant Time: May 14 05:27:07 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	7.07	168	759443	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	1001257	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	723504	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	267156	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	263691	37.36	ug/l	0.04
Spiked Amount	50.000		Recovery	=	74.72%	
35) Dibromofluoromethane	6.95	113	335817	40.42	ug/l	0.05
Spiked Amount	50.000		Recovery	=	80.84%	
50) Toluene-d8	10.42	98	684759	34.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	68.38%	
62) 4-Bromofluorobenzene	13.56	95	232778	28.94	ug/l	0.01
Spiked Amount	50.000		Recovery	=	57.88%	

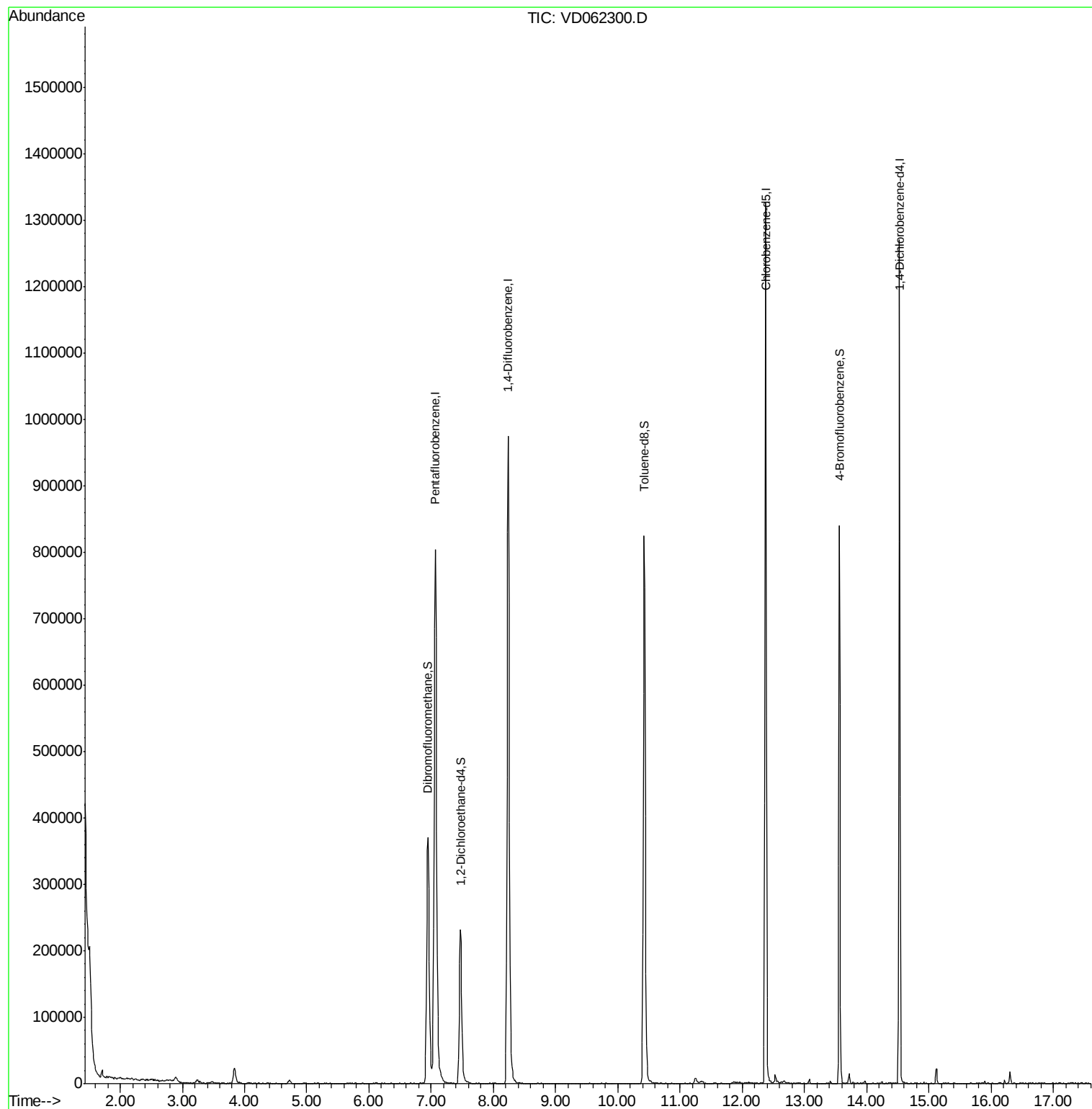
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062300.D

Acq: 13 May 2019 13:08

Instrument :

MSVOA_D

ClientSampleId :

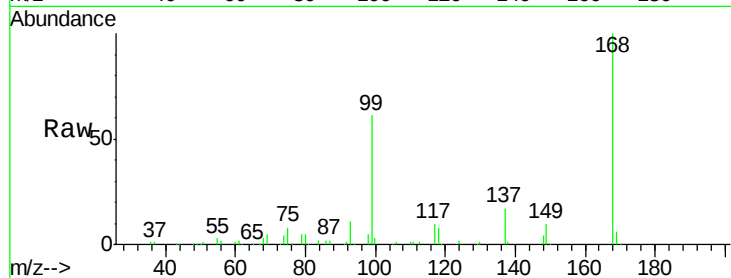
P026-SS007-0206-01

Tgt Ion: 168 Resp: 759443

Ion Ratio Lower Upper

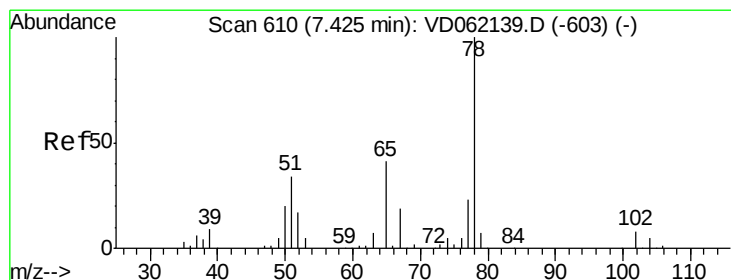
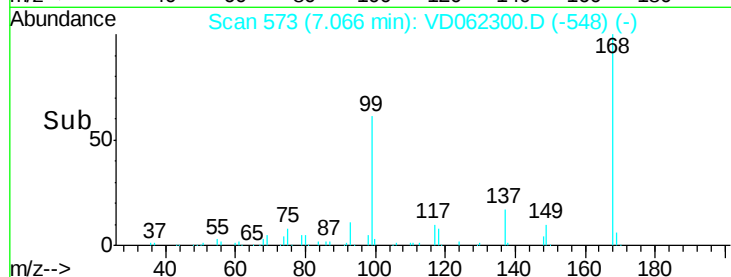
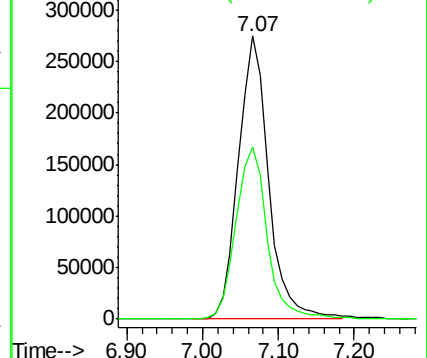
168 100

99 61.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 37.363 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062300.D

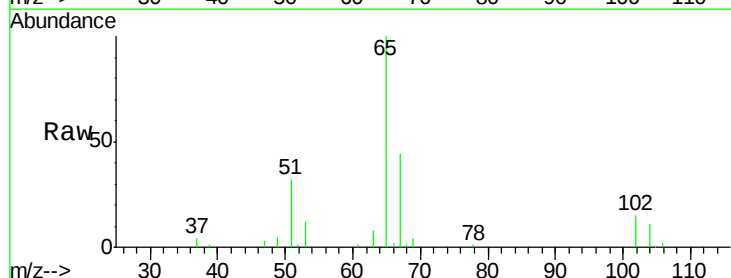
Acq: 13 May 2019 13:08

Tgt Ion: 65 Resp: 263691

Ion Ratio Lower Upper

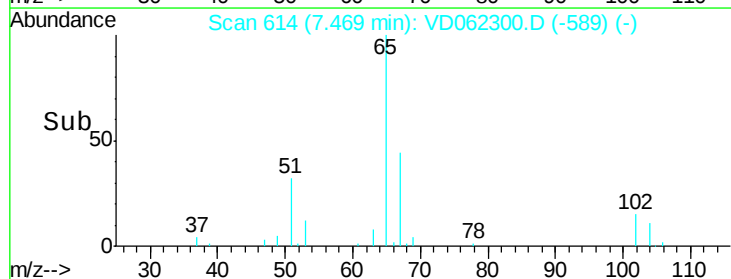
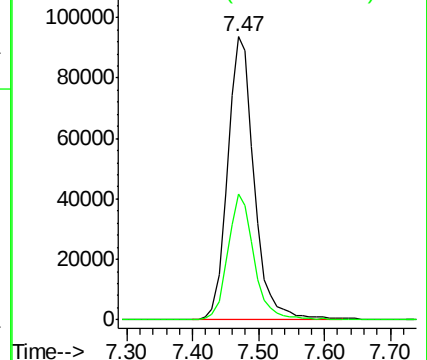
65 100

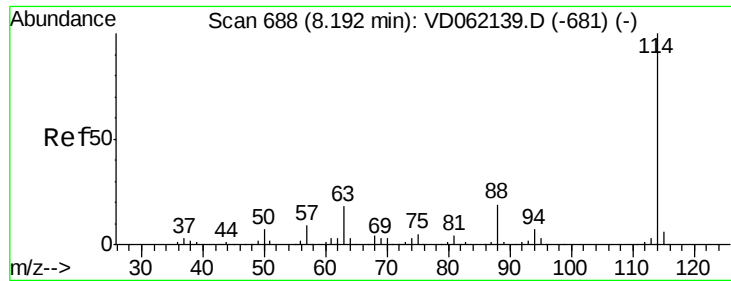
67 44.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

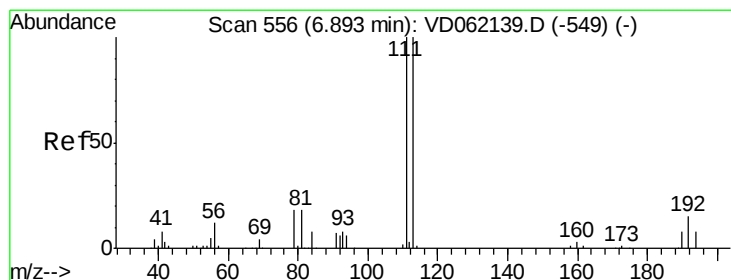
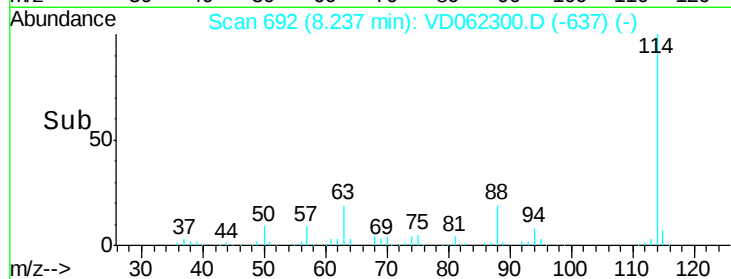
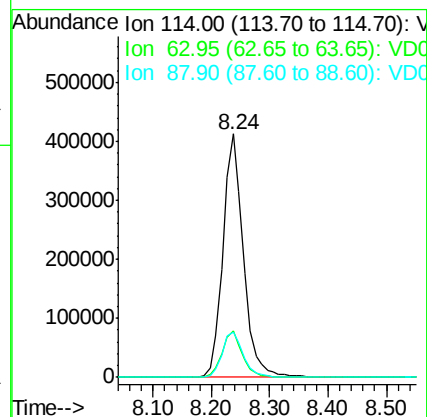
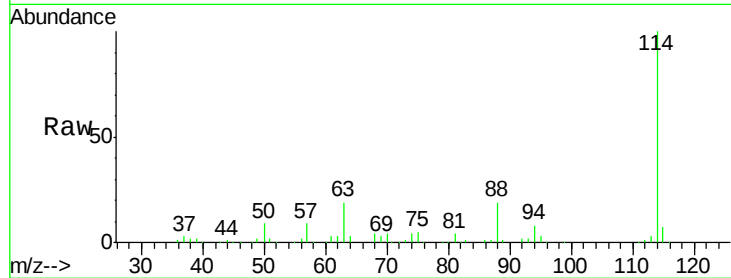




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062300.D
 Acq: 13 May 2019 13:08

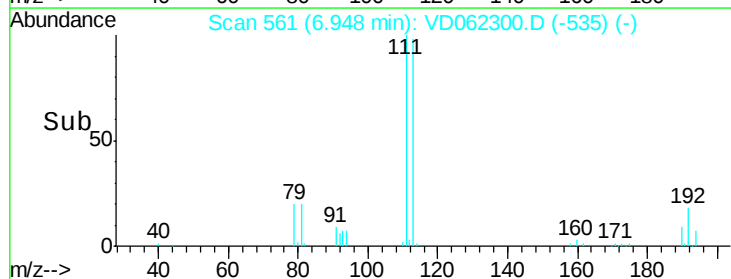
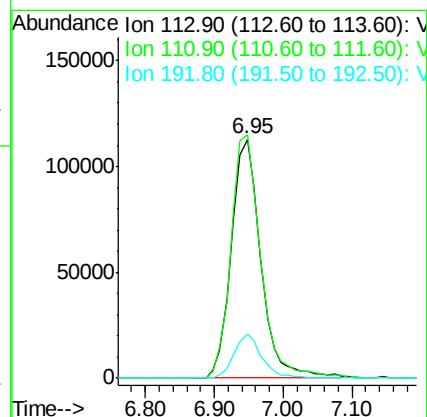
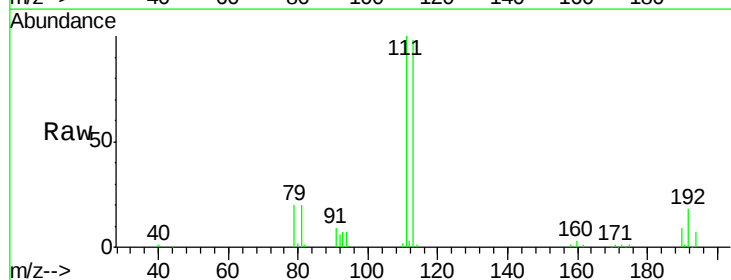
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS007-0206-01

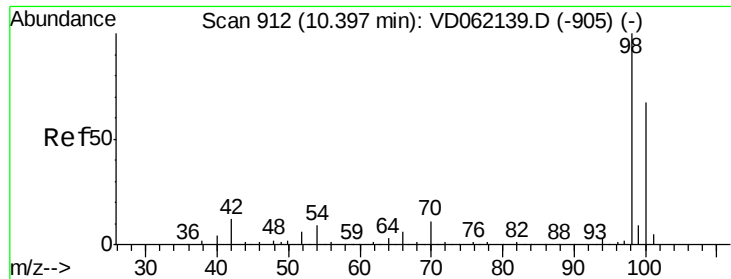
Tgt Ion:114 Resp: 1001257
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 32.4
 88 18.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 40.423 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062300.D
 Acq: 13 May 2019 13:08

Tgt Ion:113 Resp: 335817
 Ion Ratio Lower Upper
 113 100
 111 102.1 78.5 117.7
 192 18.3 13.0 19.4

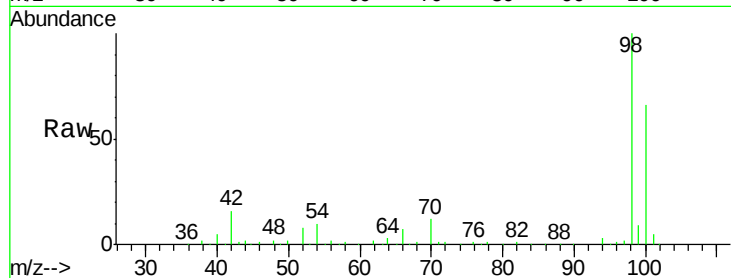




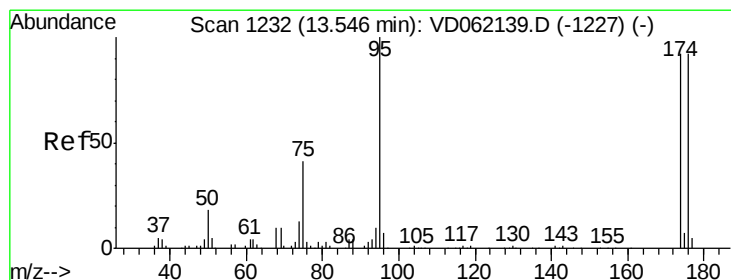
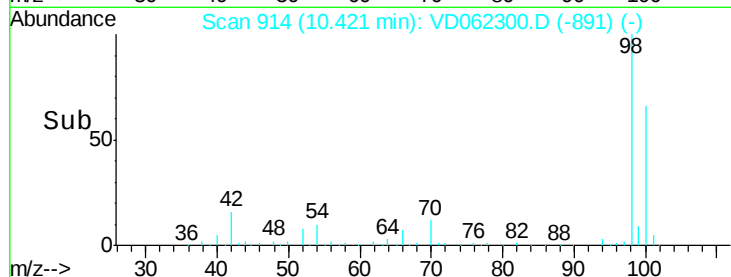
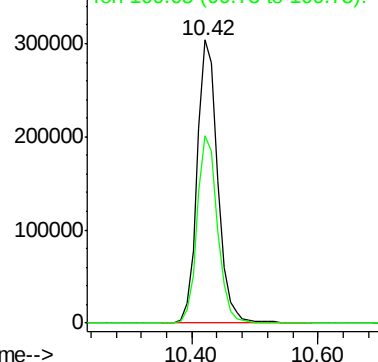
#50
Toluene-d8
Concen: 34.187 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062300.D
Acq: 13 May 2019 13:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0206-01

Tgt Ion: 98 Resp: 684759
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.8

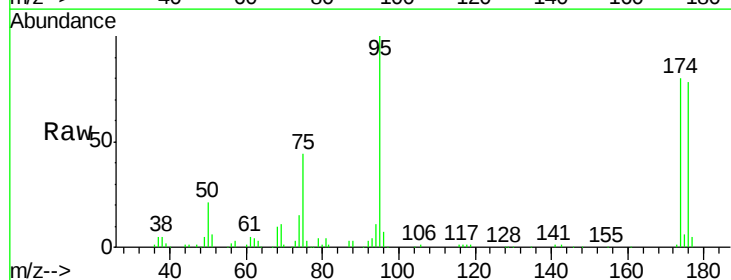


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

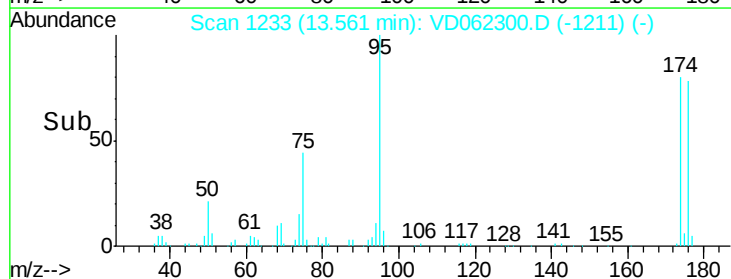
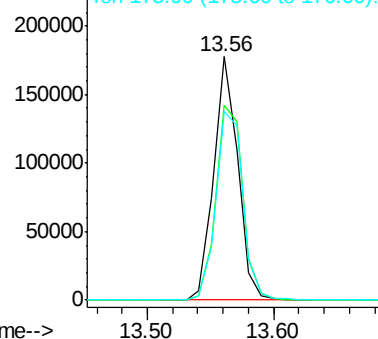


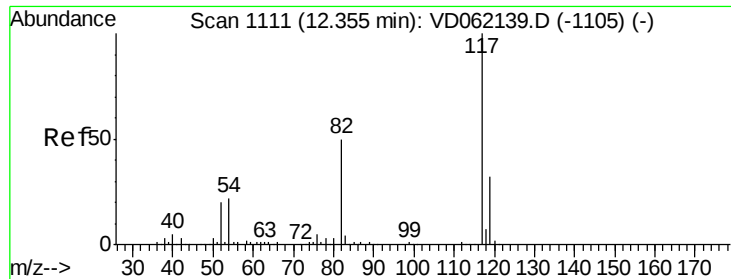
#62
4-Bromofluorobenzene
Concen: 28.940 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062300.D
Acq: 13 May 2019 13:08

Tgt Ion: 95 Resp: 232778
Ion Ratio Lower Upper
95 100
174 80.2 0.0 181.8
176 77.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

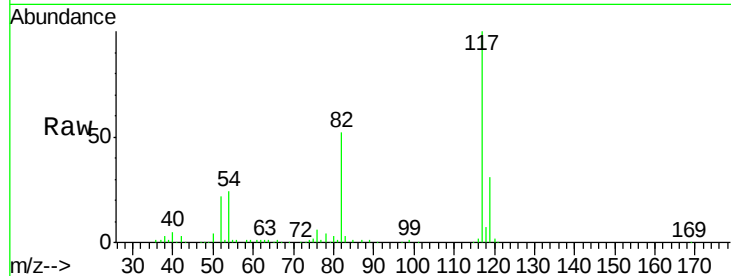




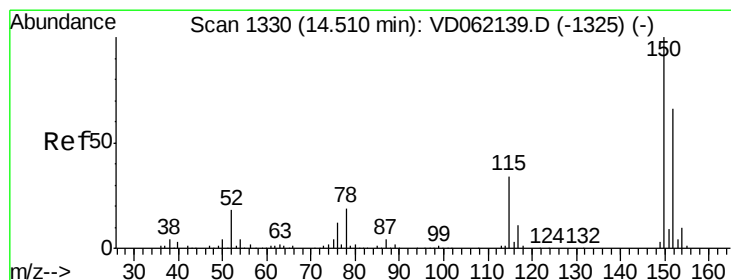
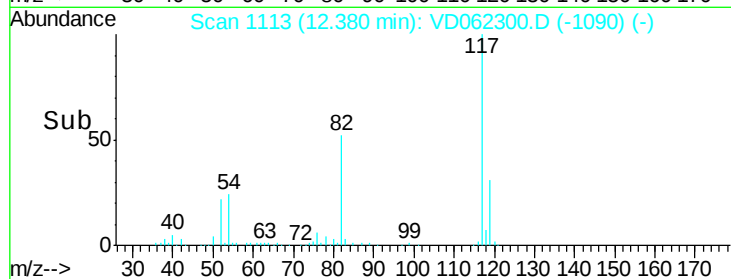
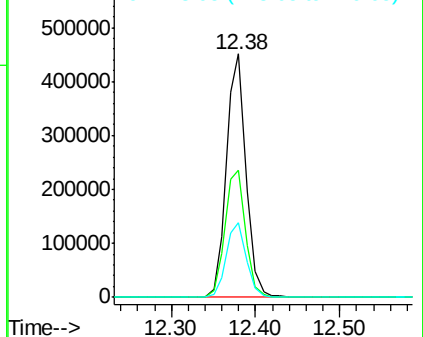
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062300.D
Acq: 13 May 2019 13:08

Instrument :
MSVOA_D
ClientSampleId :
P026-SS007-0206-01

Tgt Ion:117 Resp: 723504
Ion Ratio Lower Upper
117 100
82 52.3 36.2 54.2
119 30.9 26.2 39.4

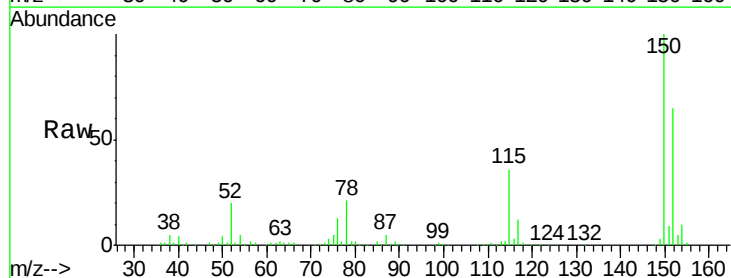


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062300.D
Acq: 13 May 2019 13:08

Tgt Ion:152 Resp: 267156
Ion Ratio Lower Upper
152 100
115 54.9 30.9 92.7
150 153.0 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

