

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062325.D
 Acq On : 14 May 2019 2:02
 Operator : FY/SY
 Sample : K2735-03
 Misc : 5.03g/5mL/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1218-01

Quant Time: May 14 06:20:50 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	565740	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	807545	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	588674	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	242267	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	263336	50.09	ug/l	0.04
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	6.95	113	313464	46.78	ug/l	0.05
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	10.43	98	611369	37.84	ug/l	0.03
Spiked Amount			Recovery	=	75.68%	
62) 4-Bromofluorobenzene	13.56	95	225327	34.73	ug/l	0.01
Spiked Amount			Recovery	=	69.46%	

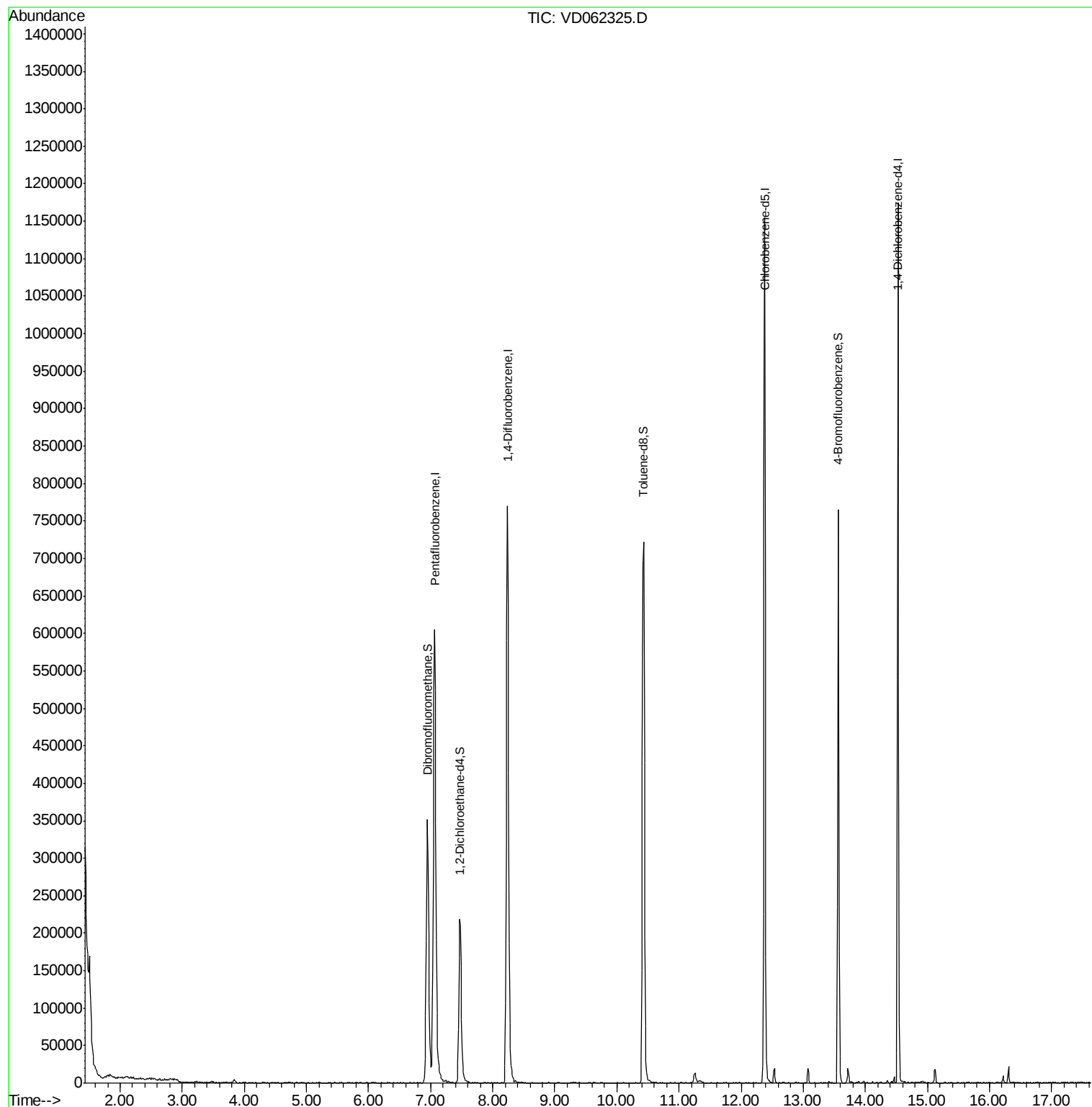
Target Compounds	Qvalue
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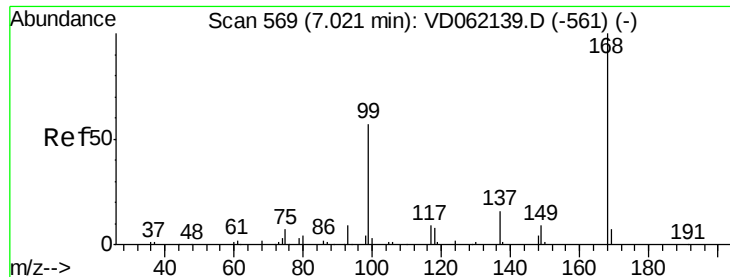
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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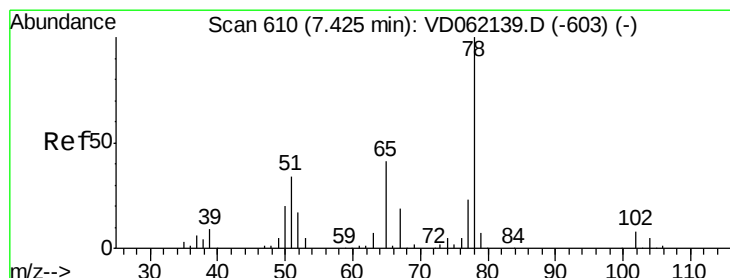
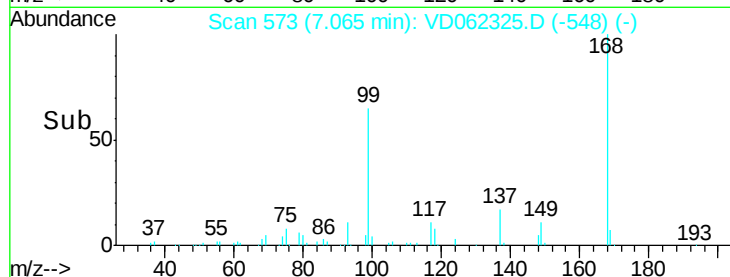
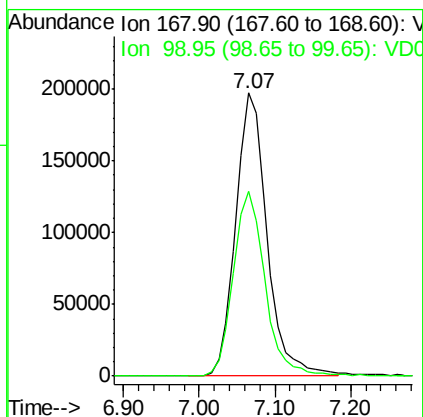
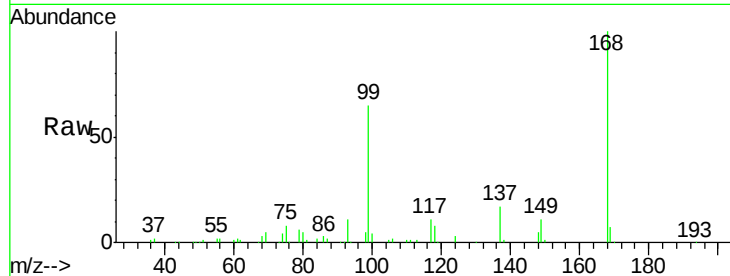




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062325.D
Acq: 14 May 2019 2:02

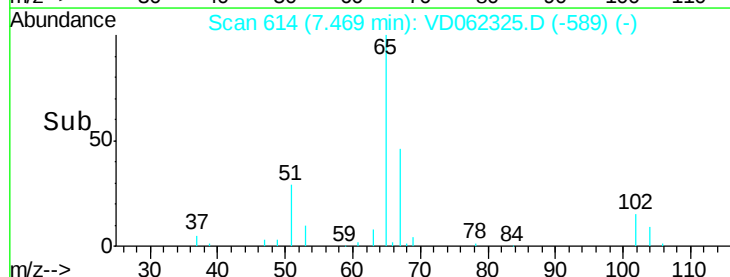
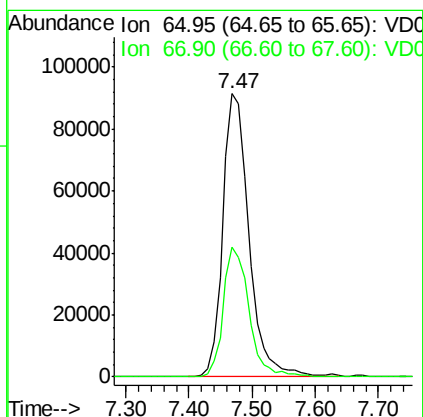
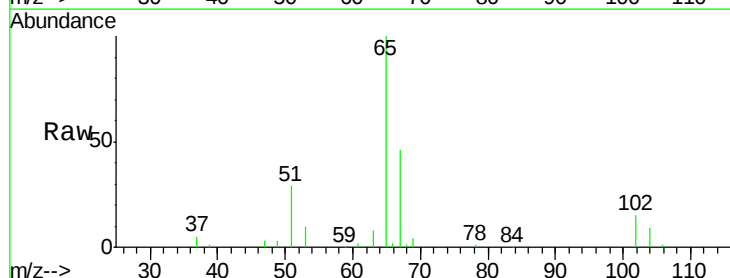
Instrument :
MSVOA_D
ClientSampleId :
P026-SS015-1218-01

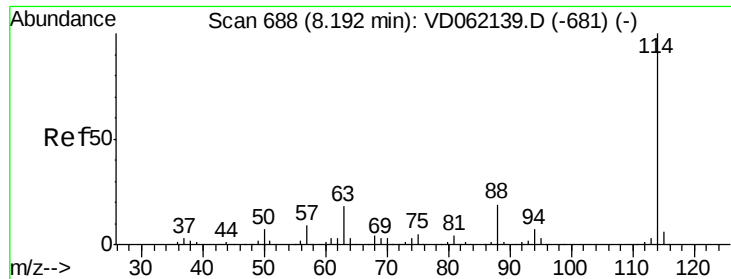
Tot Ion:168 Resp: 565740
Ion Ratio Lower Upper
168 100
99 65.2 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 50.088 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062325.D
Acq: 14 May 2019 2:02

Tgt Ion: 65 Resp: 263336
Ion Ratio Lower Upper
65 100
67 45.9 0.0 98.0

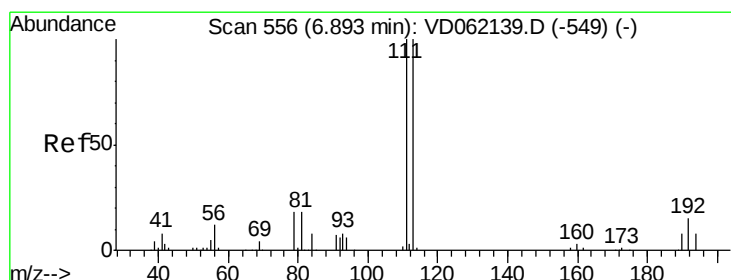
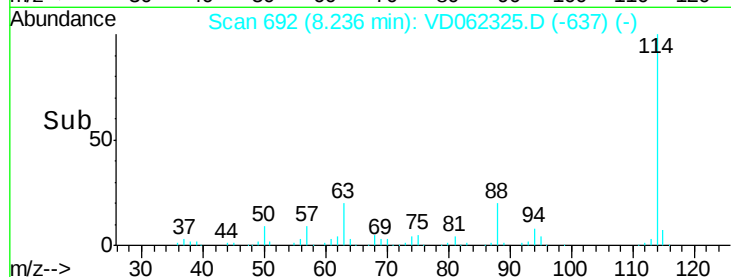
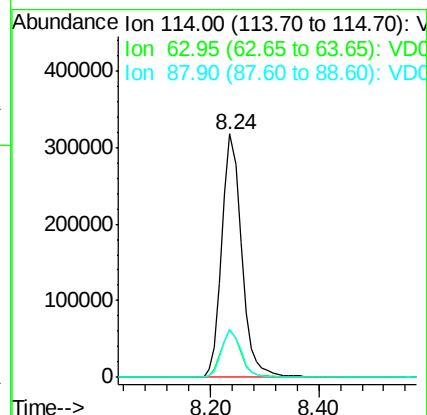
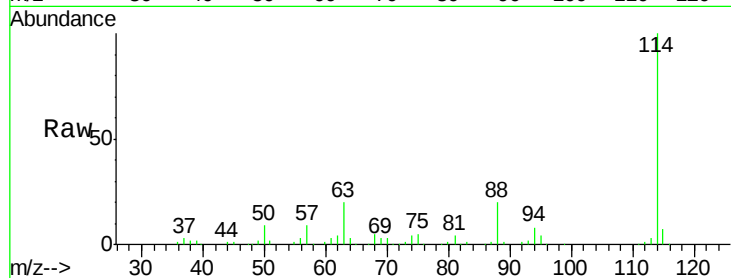




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062325.D
 Acq: 14 May 2019 2:02

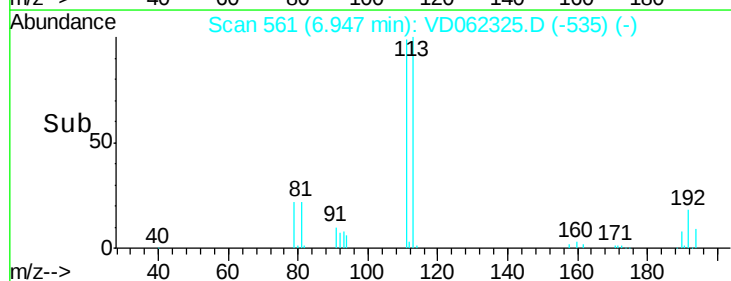
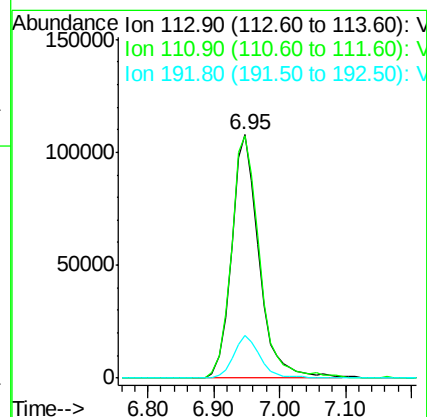
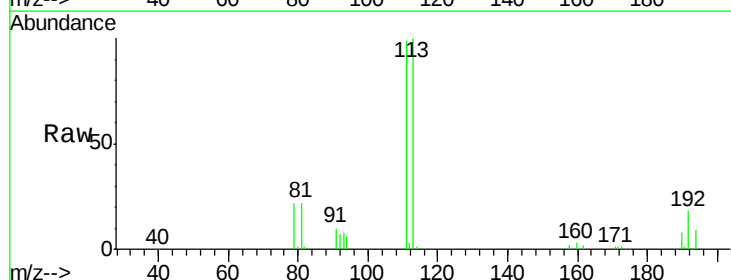
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1218-01

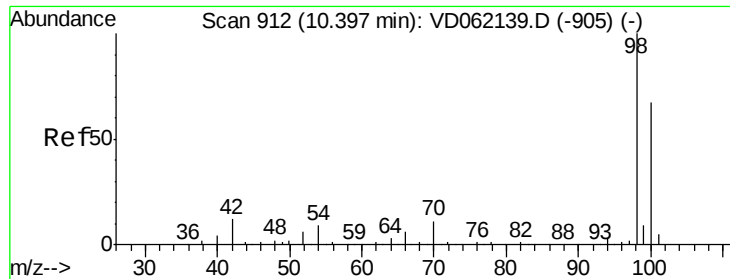
Tot Ion:114 Resp: 807545
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 32.4
 88 19.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 46.784 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062325.D
 Acq: 14 May 2019 2:02

Tgt Ion:113 Resp: 313464
 Ion Ratio Lower Upper
 113 100
 111 99.3 78.5 117.7
 192 17.7 13.0 19.4





#50

Toluene-d8

Concen: 37.844 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062325.D

Acq: 14 May 2019 2:02

Instrument :

MSVOA_D

ClientSampleId :

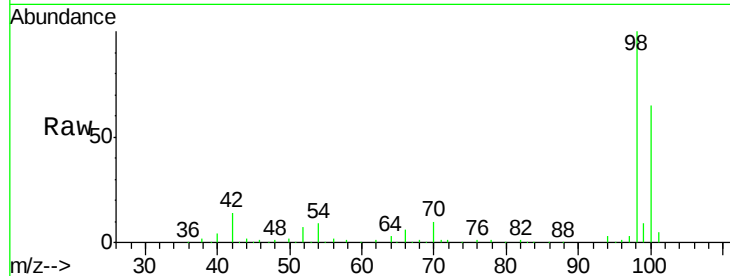
P026-SS015-1218-01

Tot Ion: 98 Resp: 611369

Ion Ratio Lower Upper

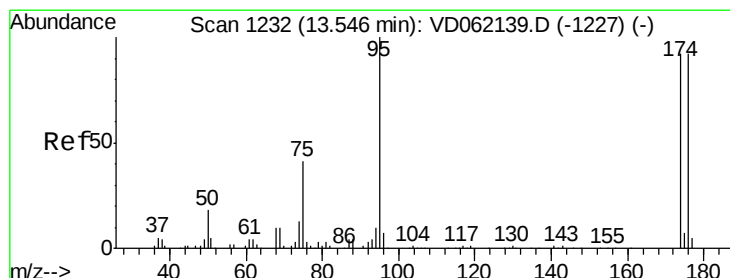
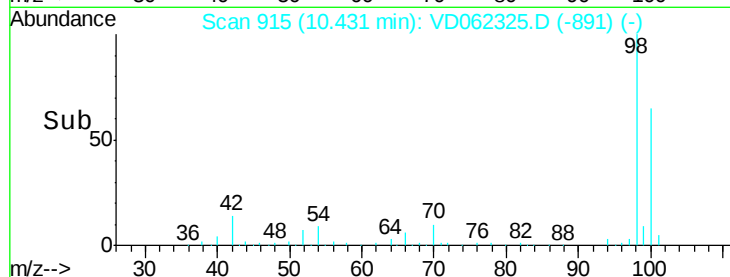
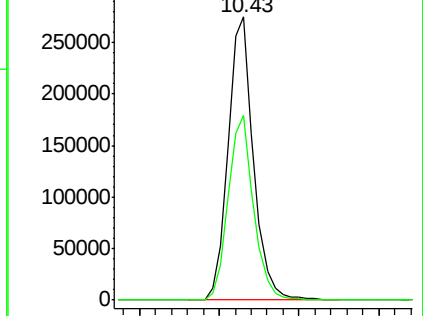
98 100

100 65.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 34.734 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062325.D

Acq: 14 May 2019 2:02

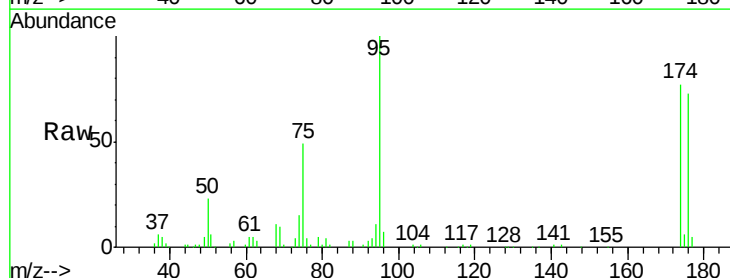
Tgt Ion: 95 Resp: 225327

Ion Ratio Lower Upper

95 100

174 76.7 0.0 181.8

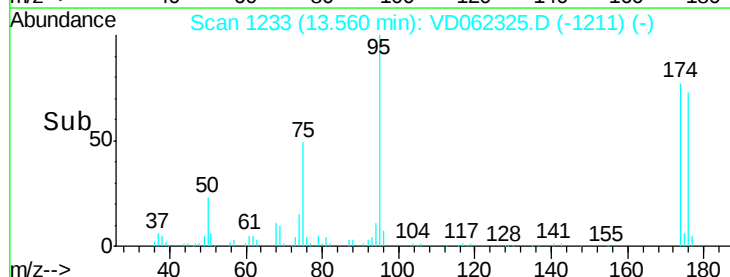
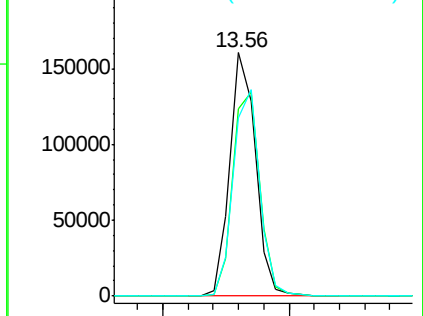
176 73.4 0.0 174.4

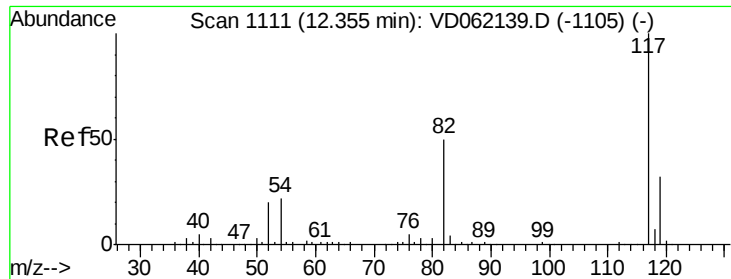


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

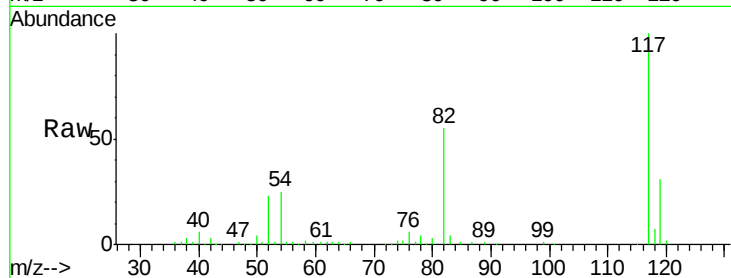




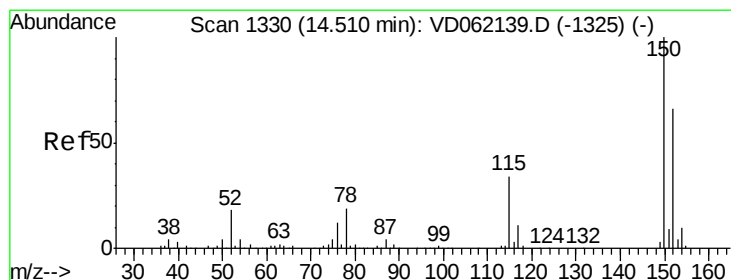
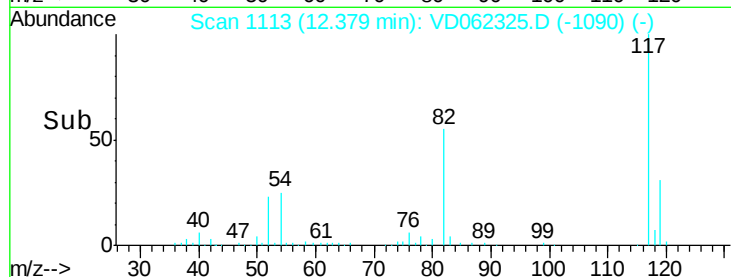
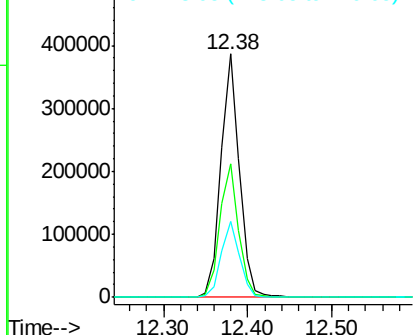
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062325.D
Acq: 14 May 2019 2:02

Instrument :
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P026-SS015-1218-01

Tot Ion:117 Resp: 588674
Ion Ratio Lower Upper
117 100
82 54.6 36.2 54.2#
119 31.4 26.2 39.4

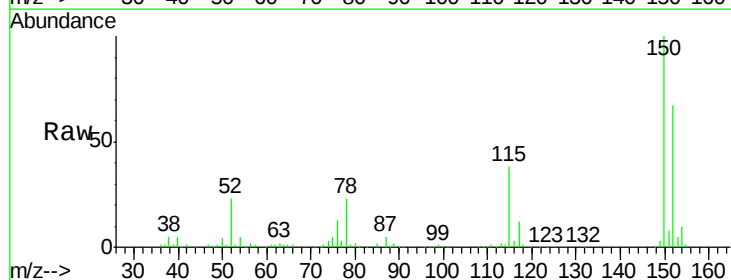


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062325.D
Acq: 14 May 2019 2:02

Tgt Ion:152 Resp: 242267
Ion Ratio Lower Upper
152 100
115 56.9 30.9 92.7
150 148.4 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

