

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062574.D
 Acq On : 31 May 2019 19:58
 Operator : VA/AP
 Sample : K3139-06
 Misc : 4.75g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-D2

Quant Time: Jun 01 00:18:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	626401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	821795	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	705166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	414903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	322826	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
35) Dibromofluoromethane	6.94	113	327694	43.76	ug/l	0.00
Spiked Amount			Recovery	=	87.52%	
50) Toluene-d8	10.43	98	644586	39.28	ug/l	0.00
Spiked Amount			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	13.57	95	330950	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	

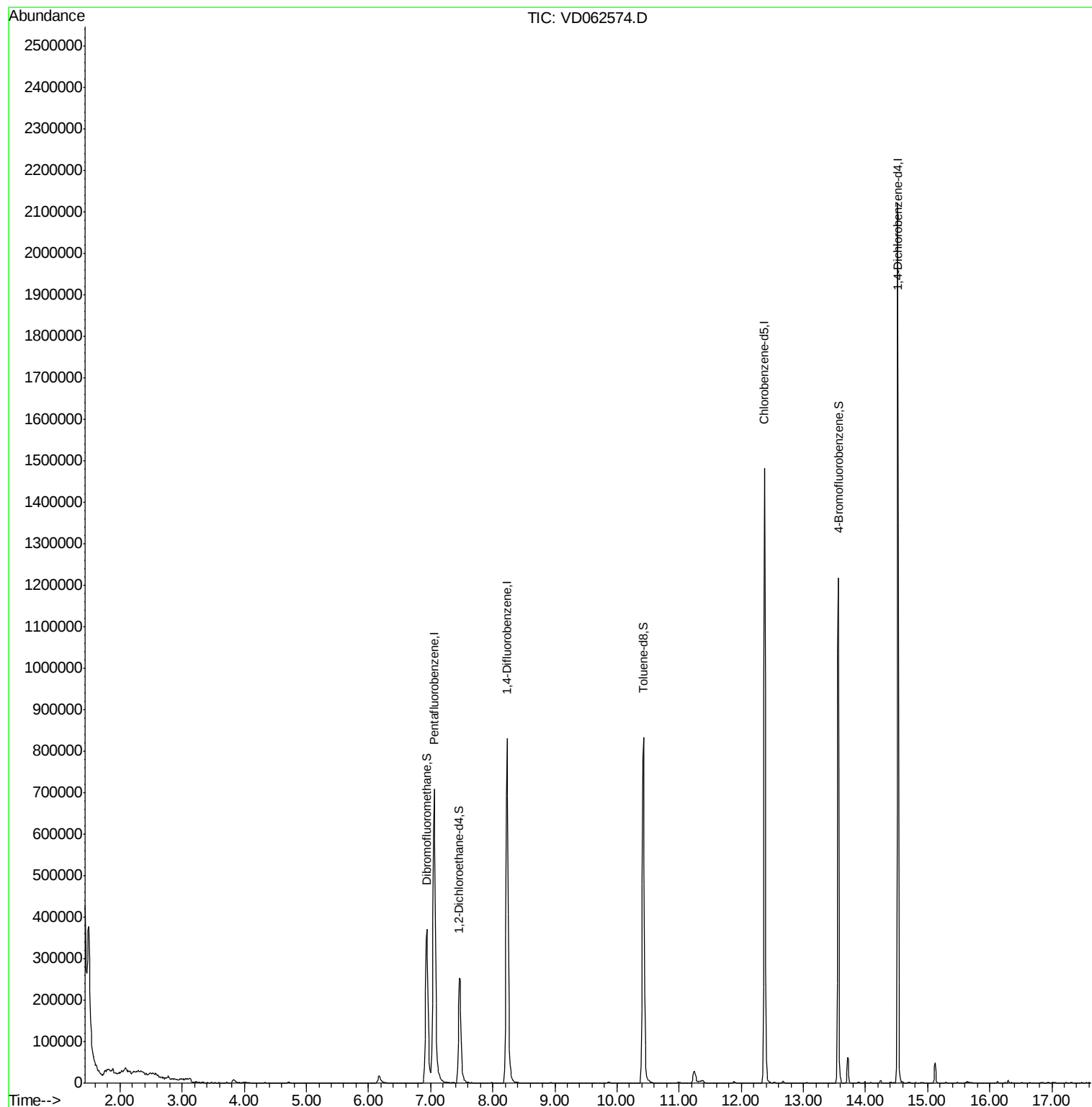
Target Compounds	Qvalue
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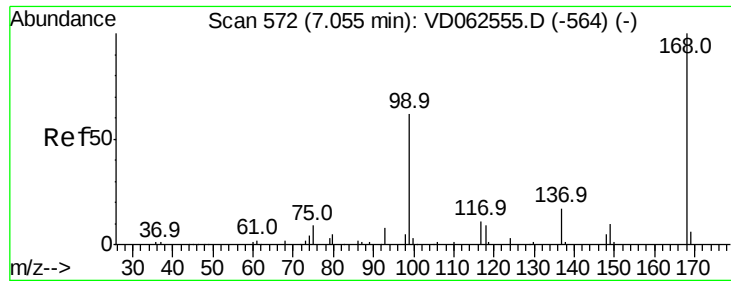
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062574.D

Acq: 31 May 2019 19:58

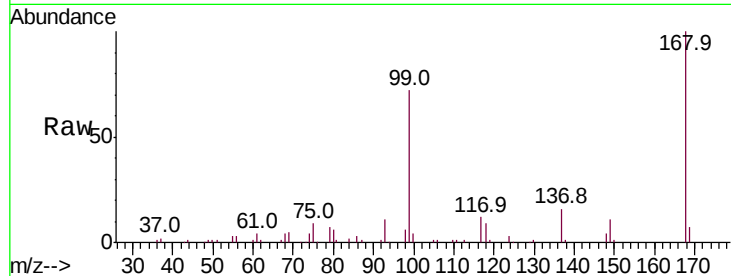
Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

Tot Ion:168 Resp: 626401

Ion Ratio Lower Upper

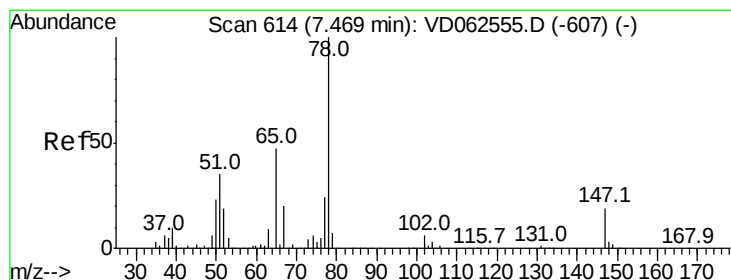
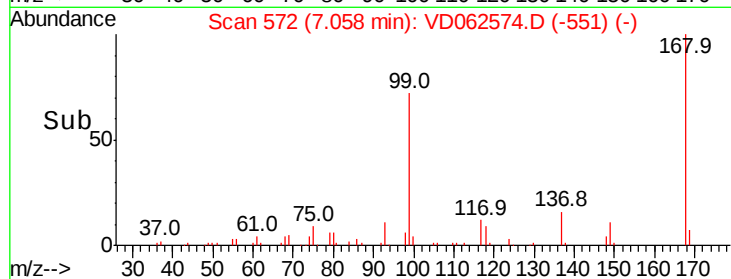
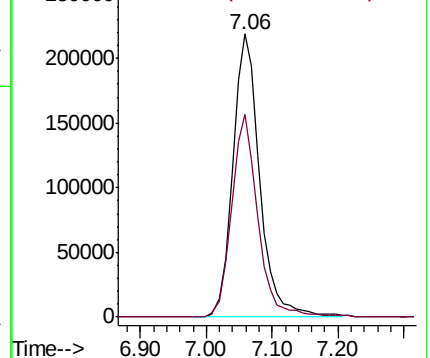
168 100

99 71.6 50.8 76.2



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: 43.953 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062574.D

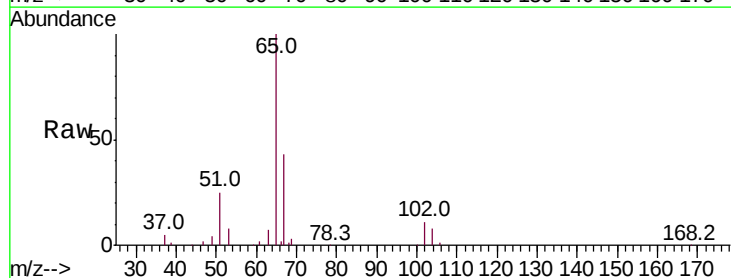
Acq: 31 May 2019 19:58

Tgt Ion: 65 Resp: 322826

Ion Ratio Lower Upper

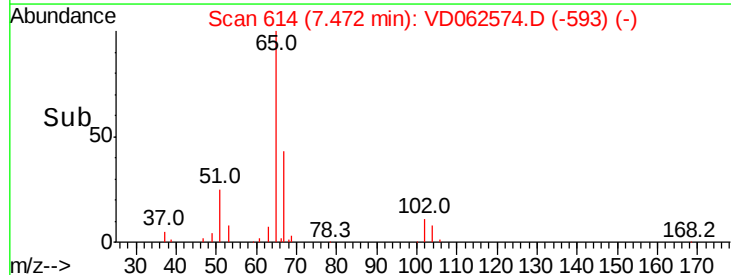
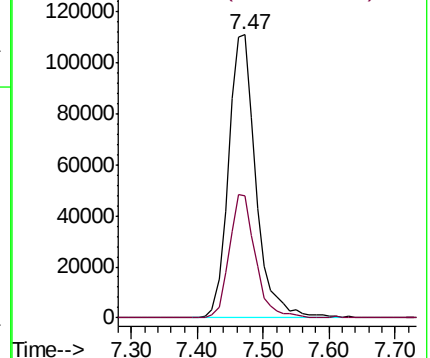
65 100

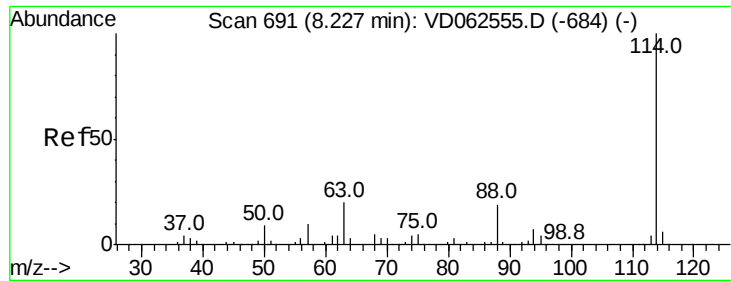
67 43.3 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

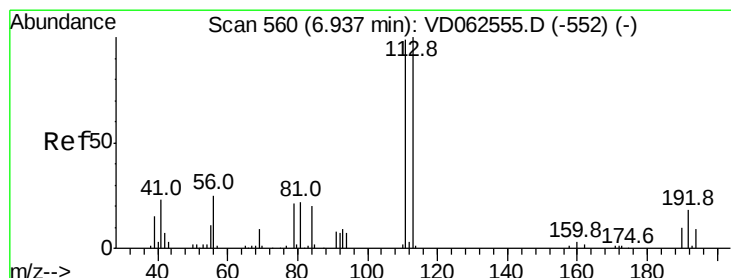
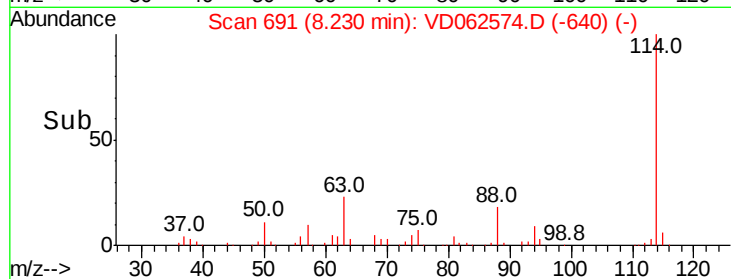
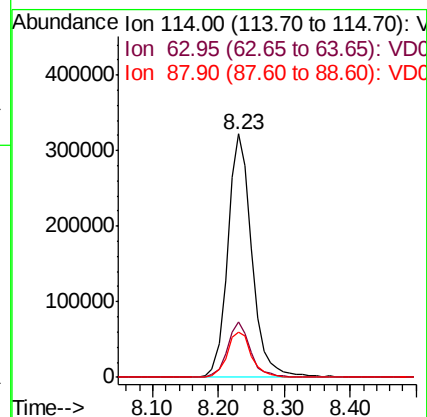
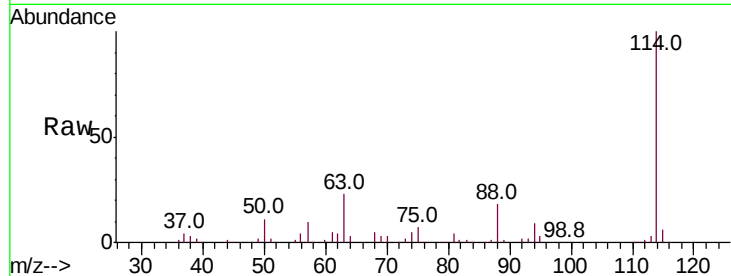




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062574.D
 Acq: 31 May 2019 19:58

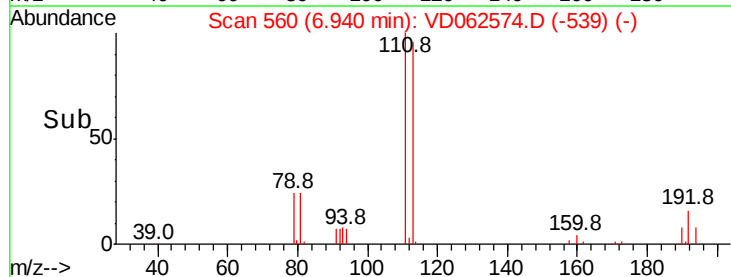
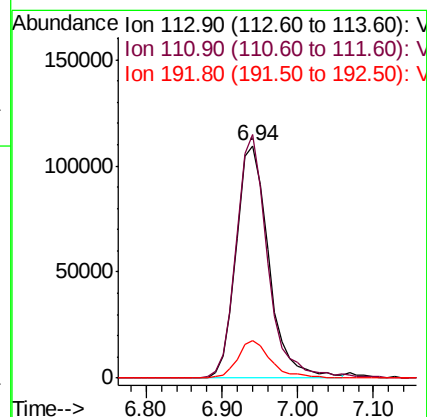
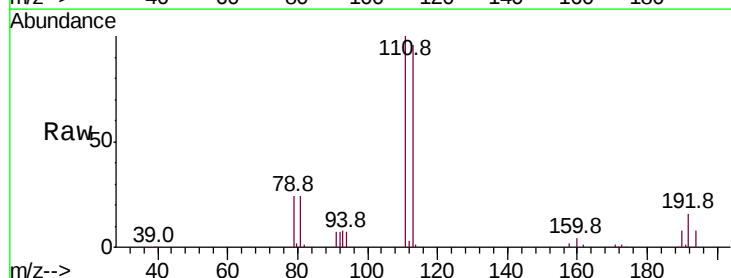
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1A-D2

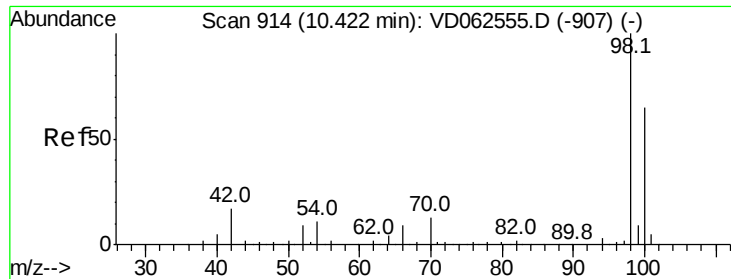
Tot Ion:114 Resp: 821795
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.6
 88 18.5 0.0 37.6



#35
 Dibromofluoromethane
 Concen: 43.758 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD062574.D
 Acq: 31 May 2019 19:58

Tgt Ion:113 Resp: 327694
 Ion Ratio Lower Upper
 113 100
 111 104.6 78.8 118.2
 192 16.4 14.6 22.0





#50

Toluene-d8

Concen: 39.285 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062574.D

Acq: 31 May 2019 19:58

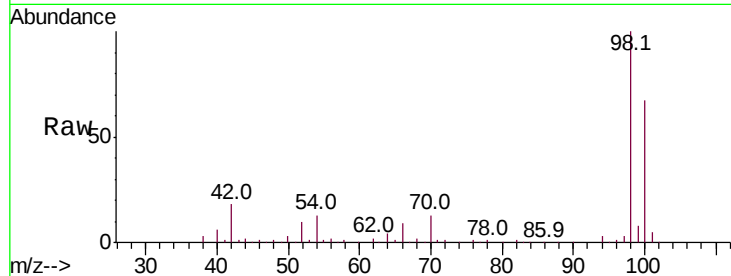
Instrument :
MSVOA_D
ClientSampleId :
TP-1A-D2

Tot Ion: 98 Resp: 644586

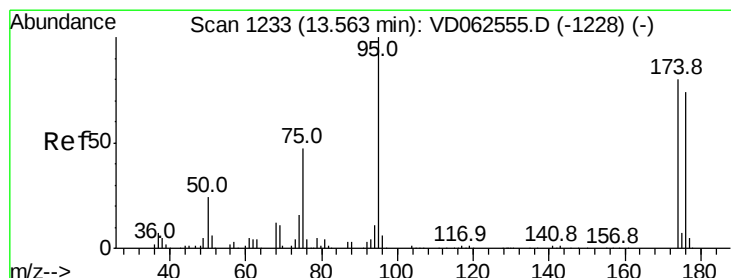
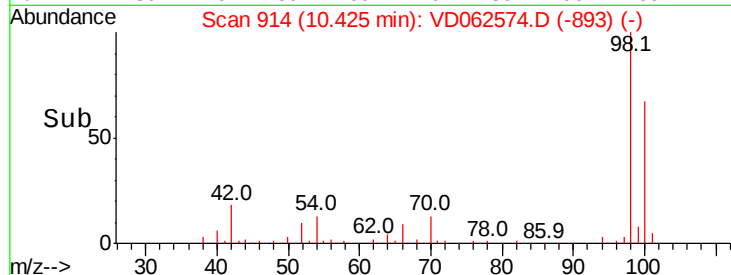
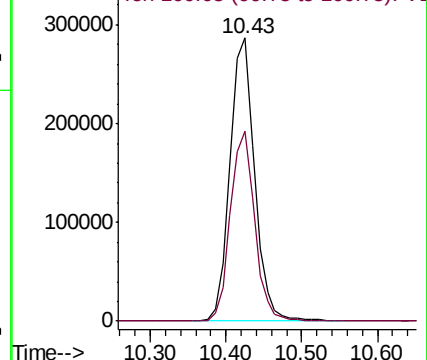
Ion Ratio Lower Upper

98 100

100 67.0 52.3 78.5



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



#62

4-Bromofluorobenzene

Concen: 44.726 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062574.D

Acq: 31 May 2019 19:58

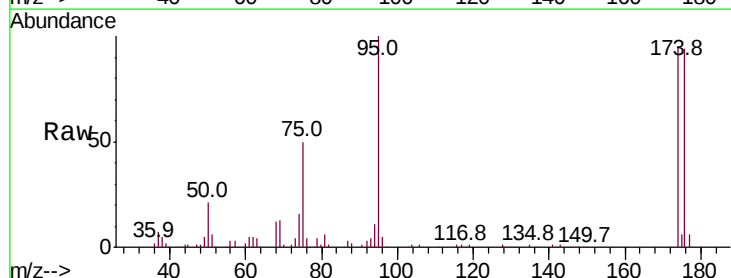
Tgt Ion: 95 Resp: 330950

Ion Ratio Lower Upper

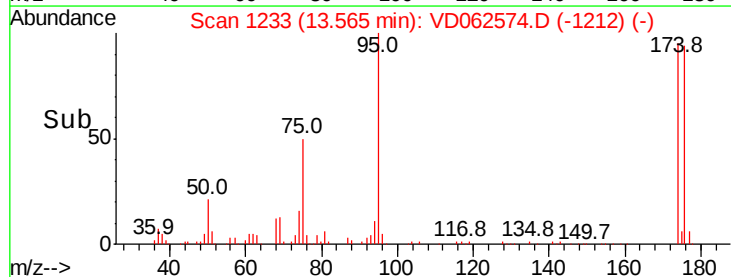
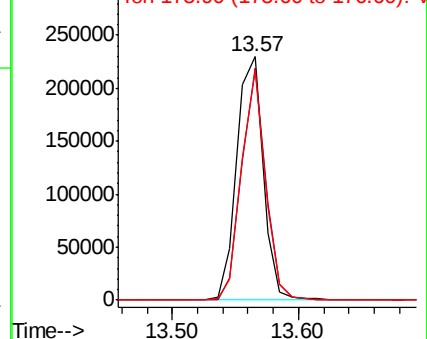
95 100

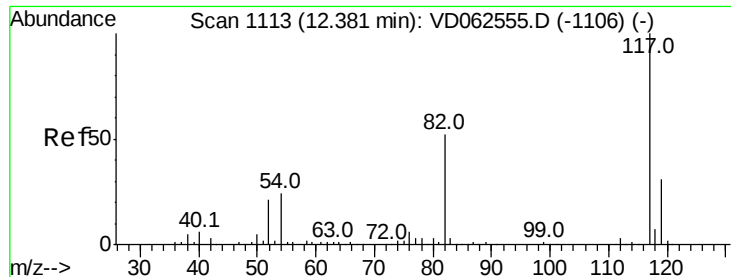
174 95.4 0.0 160.2

176 94.5 0.0 148.0



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

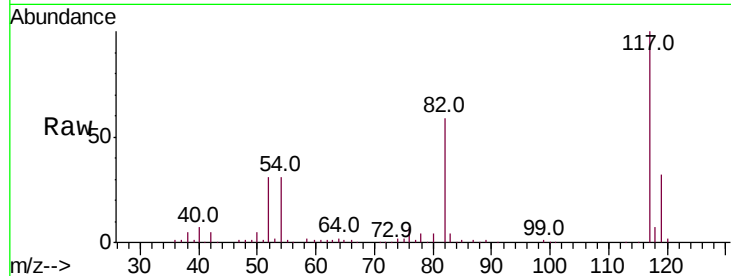




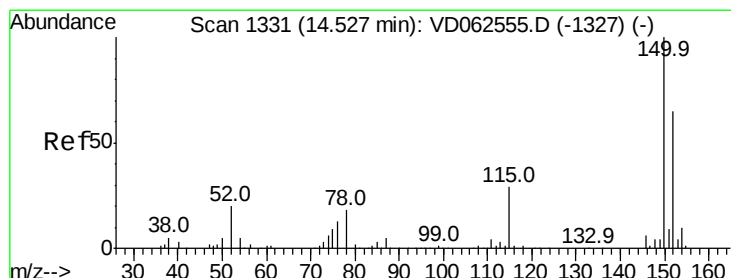
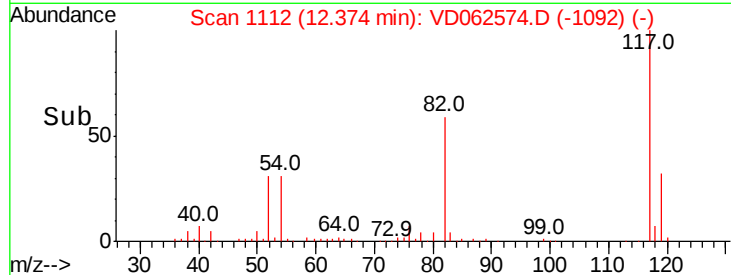
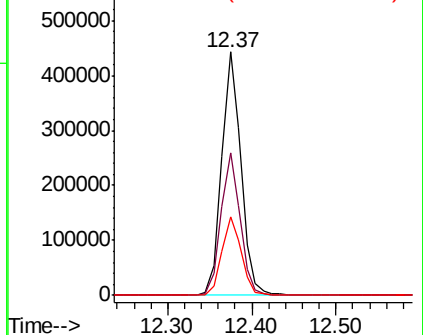
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062574.D
Acq: 31 May 2019 19:58

Instrument :
MSVOA_D
ClientSampled :
TP-1A-D2

Tot Ion:117 Resp: 705166
Ion Ratio Lower Upper
117 100
82 58.6 41.4 62.2
119 32.2 24.9 37.3

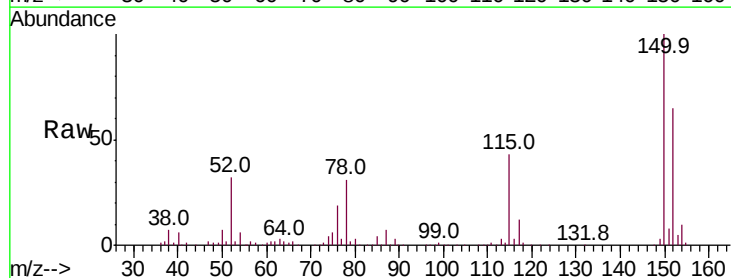


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062574.D
Acq: 31 May 2019 19:58

Tgt Ion:152 Resp: 414903
Ion Ratio Lower Upper
152 100
115 65.8 28.4 85.3
150 153.2 0.0 310.4



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

