

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062343.D
 Acq On : 14 May 2019 13:45
 Operator : FY/SY
 Sample : K2735-17
 Misc : 5.57g/5mL/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1824-01

Quant Time: May 15 02:10:30 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	624916	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.25	114	896101	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	526660	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	199320	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	273781	47.14	ug/l	0.05
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	6.96	113	348374	46.86	ug/l	0.06
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.43	98	497112	27.73	ug/l	0.03
Spiked Amount	50.000		Recovery	=	55.46%	
62) 4-Bromofluorobenzene	13.56	95	199040	27.65	ug/l	0.01
Spiked Amount	50.000		Recovery	=	55.30%	

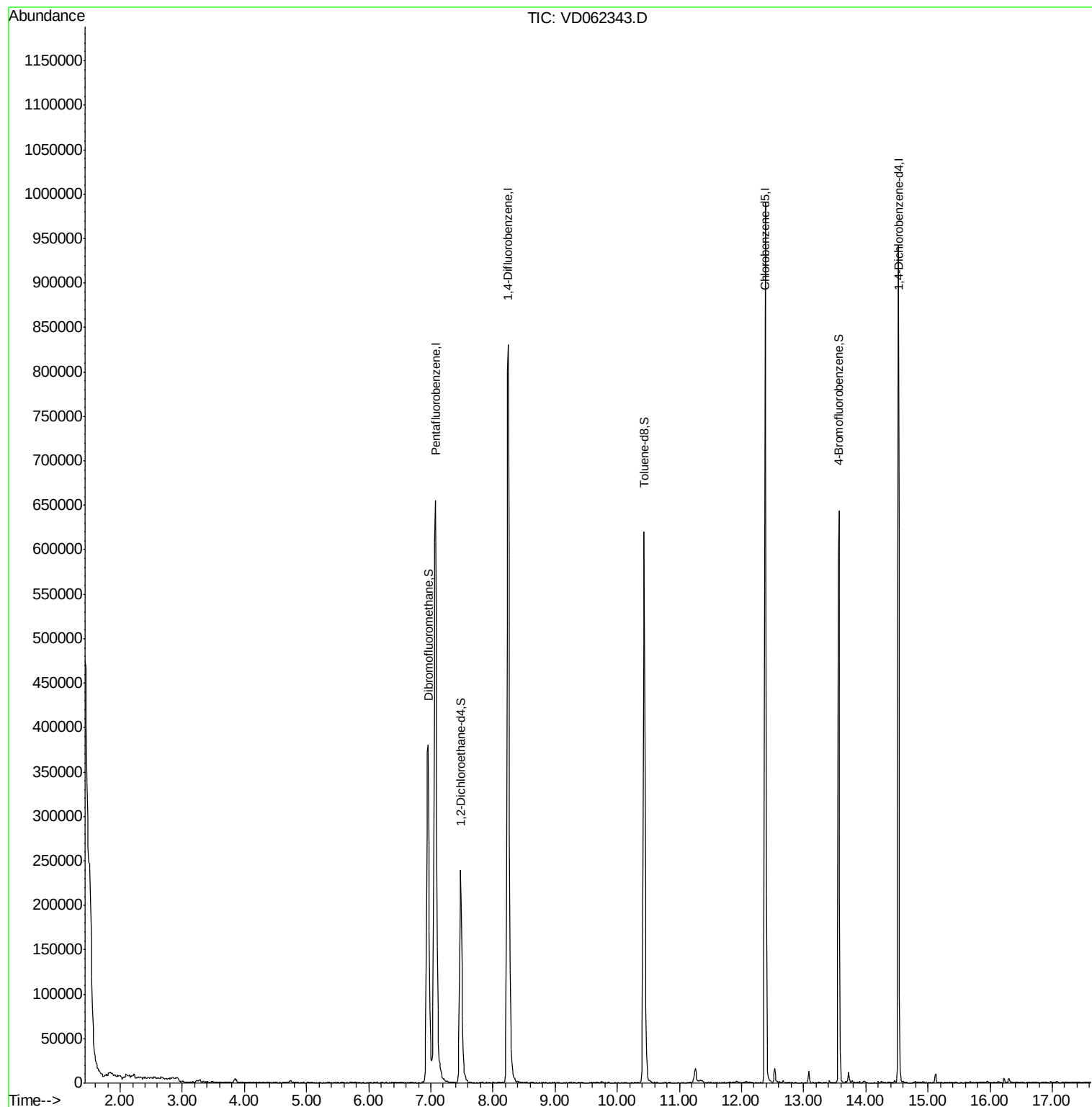
Target Compounds	Qvalue

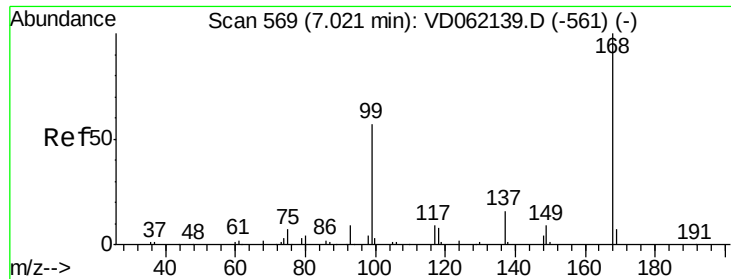
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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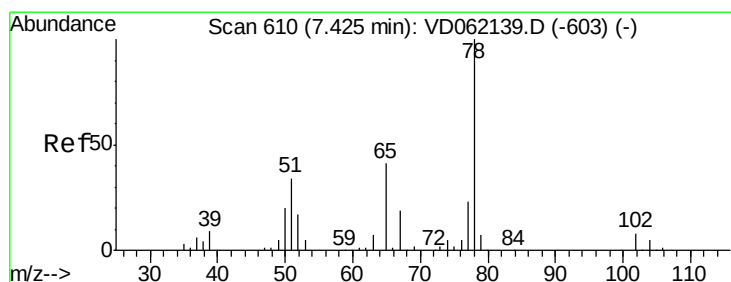
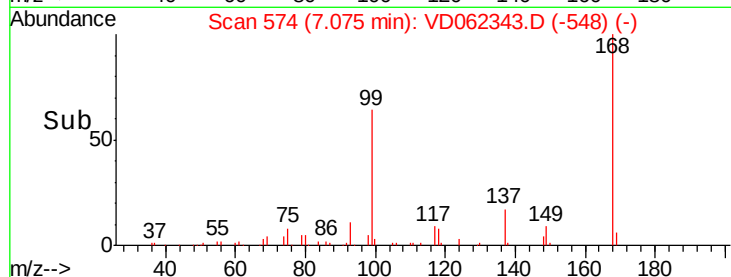
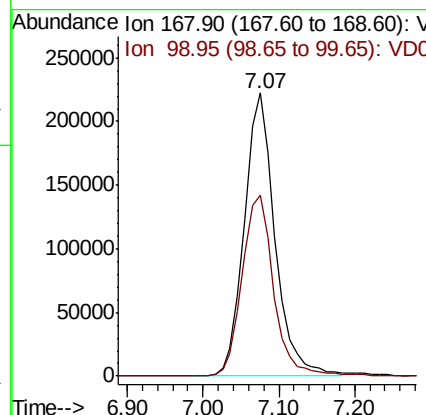
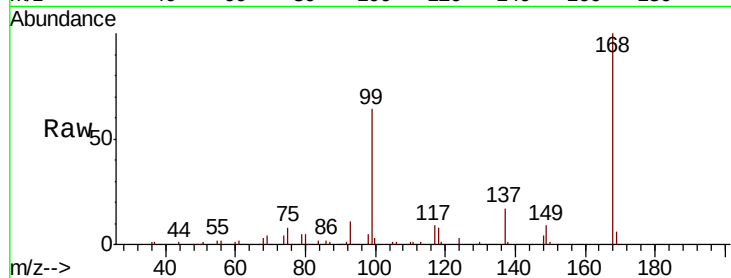




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.05 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

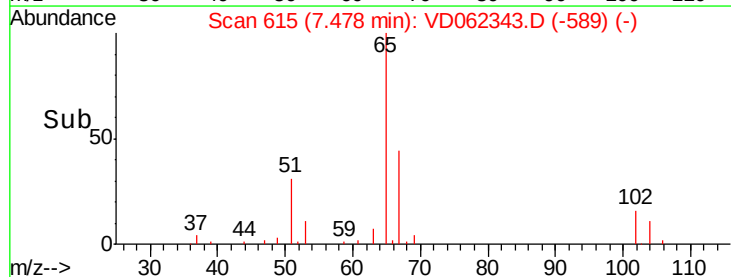
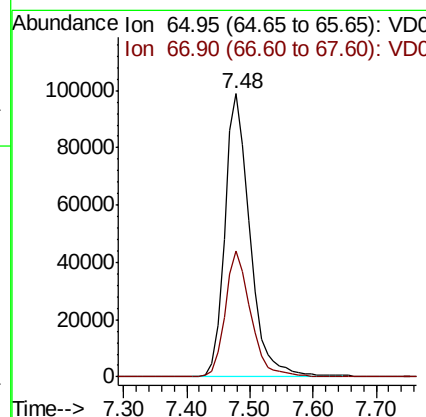
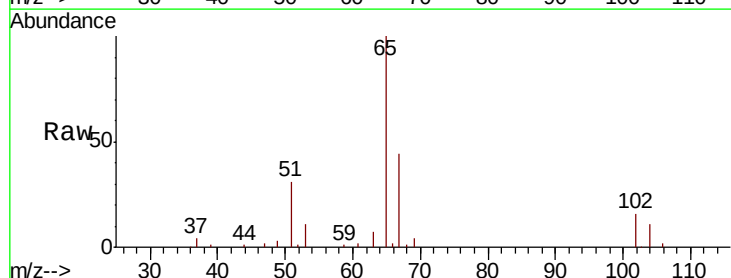
Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-1824-01

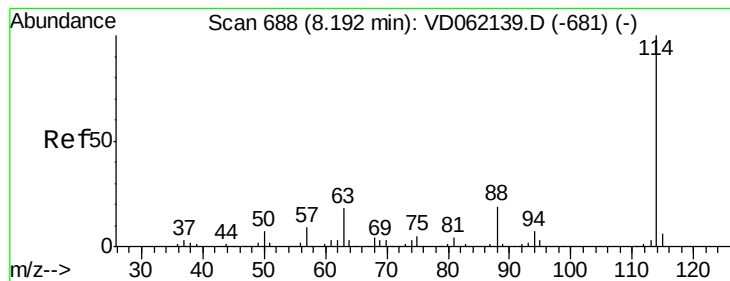
Tgt Ion:168 Resp: 624916
Ion Ratio Lower Upper
168 100
99 64.2 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 47.143 ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.05 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

Tgt Ion: 65 Resp: 273781
Ion Ratio Lower Upper
65 100
67 44.3 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-1824-01

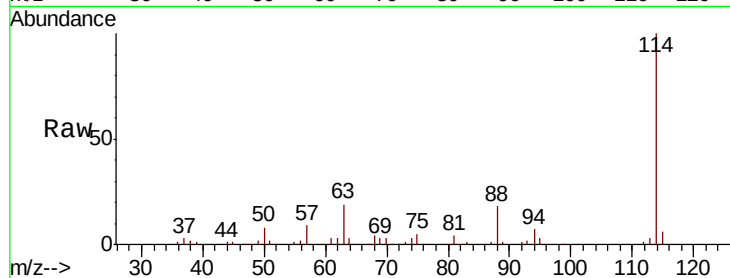
Tgt Ion:114 Resp: 896101

Ion Ratio Lower Upper

114 100

63 19.3 0.0 32.4

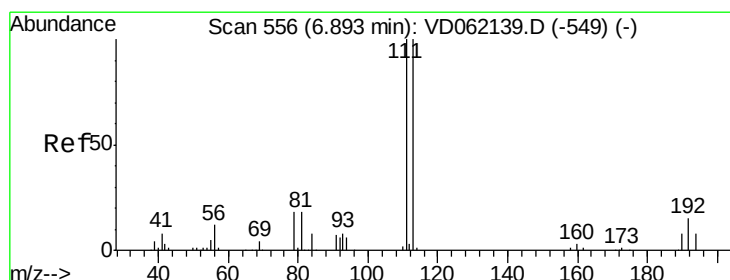
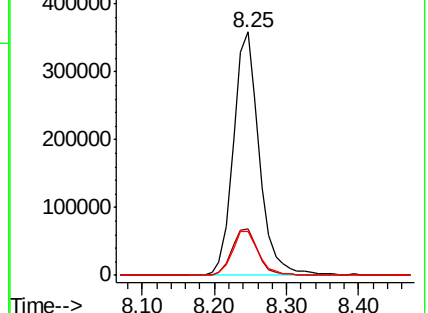
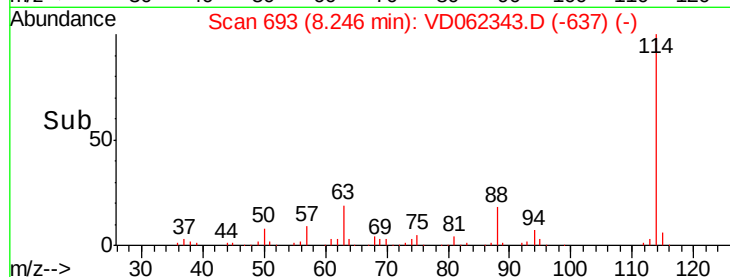
88 17.9 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.856 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.06 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

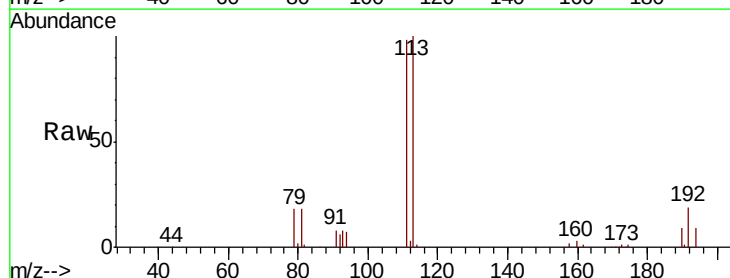
Tgt Ion:113 Resp: 348374

Ion Ratio Lower Upper

113 100

111 98.2 78.5 117.7

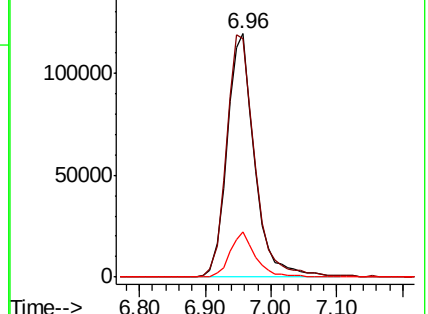
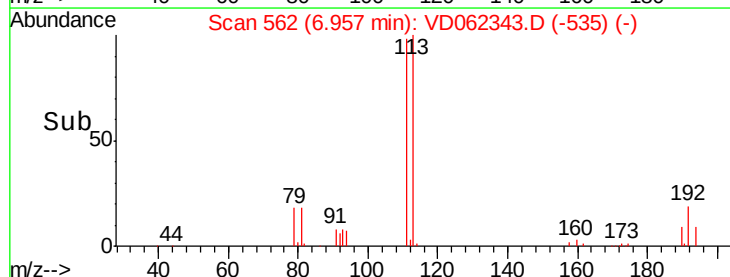
192 18.6 13.0 19.4

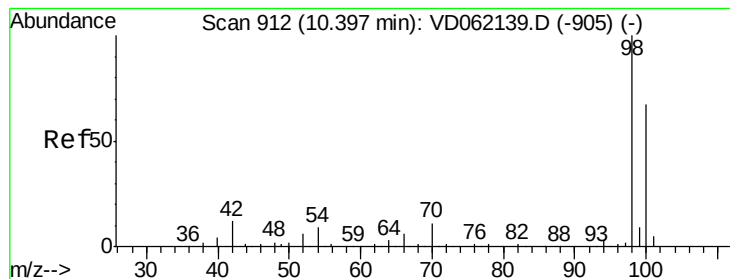


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 27.731 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

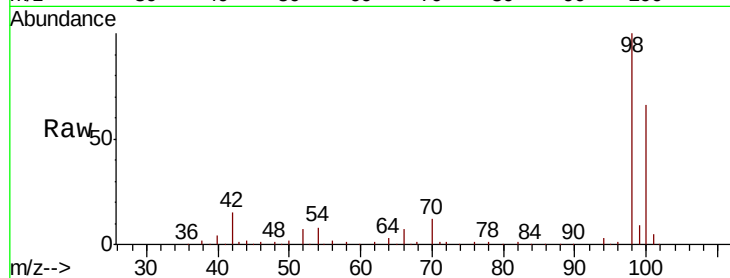
P026-SS017-1824-01

Tgt Ion: 98 Resp: 497112

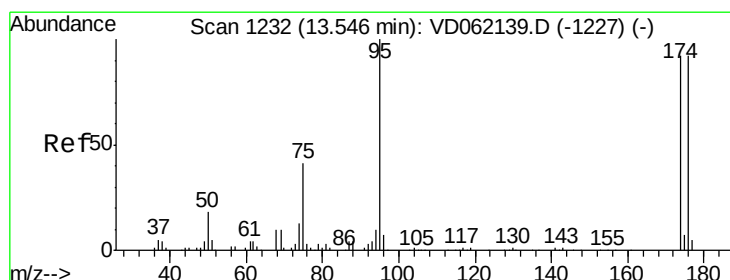
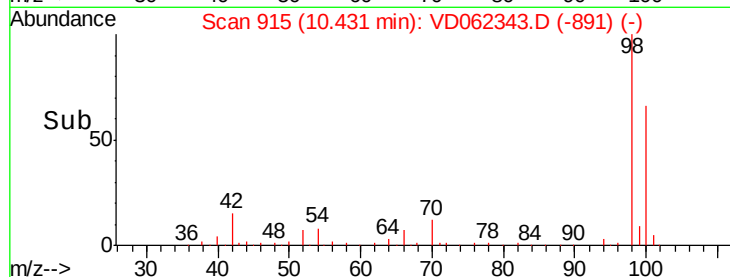
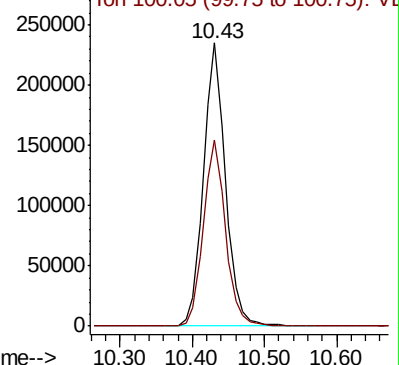
Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 27.650 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062343.D

Acq: 14 May 2019 13:45

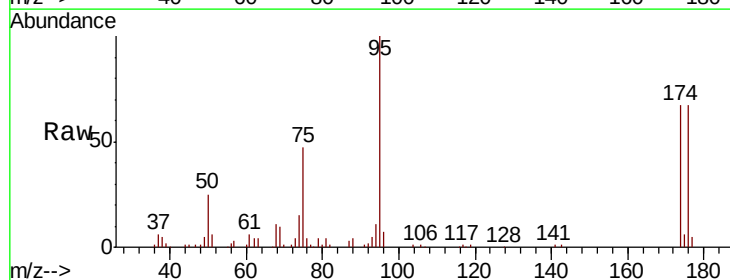
Tgt Ion: 95 Resp: 199040

Ion Ratio Lower Upper

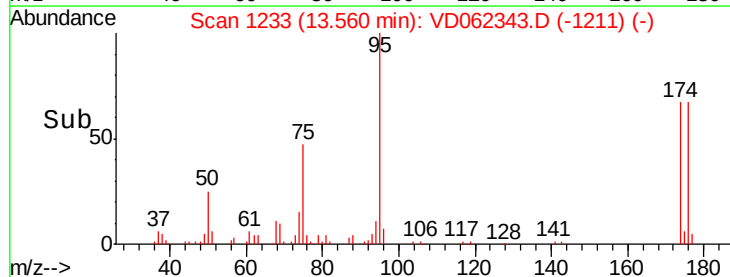
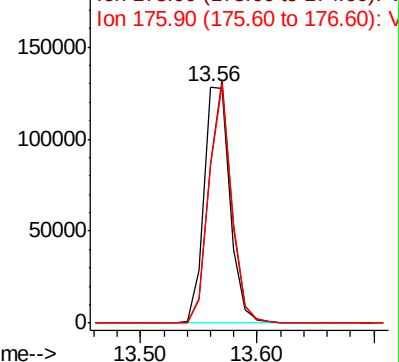
95 100

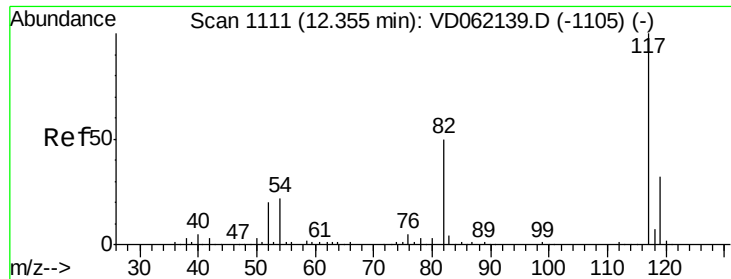
174 67.3 0.0 181.8

176 66.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

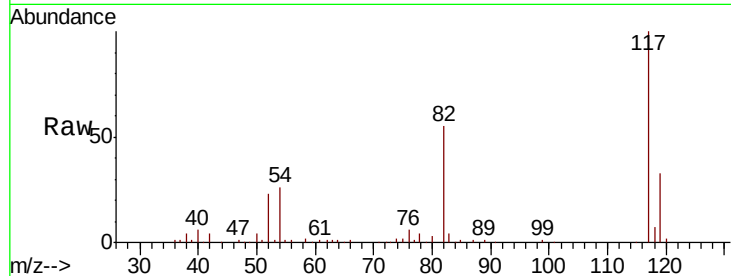




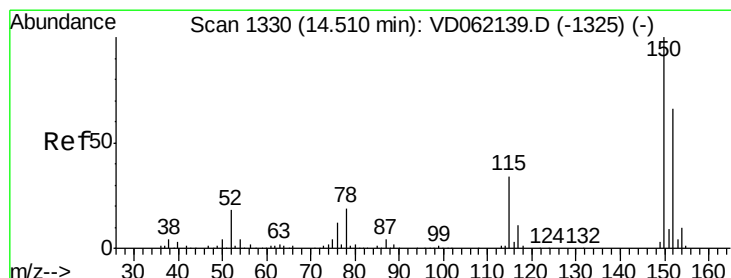
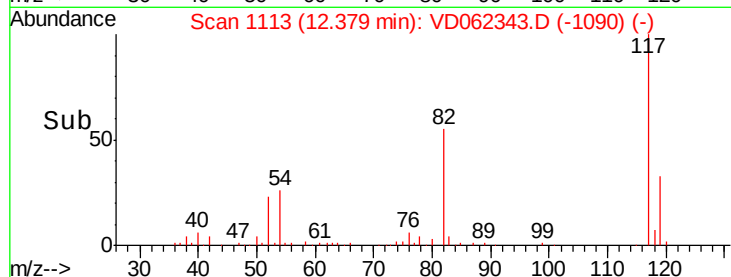
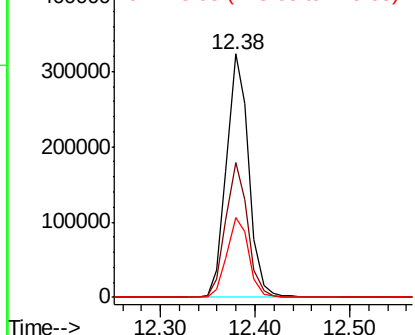
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-1824-01

Tgt Ion:117 Resp: 526660
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 33.0 26.2 39.4

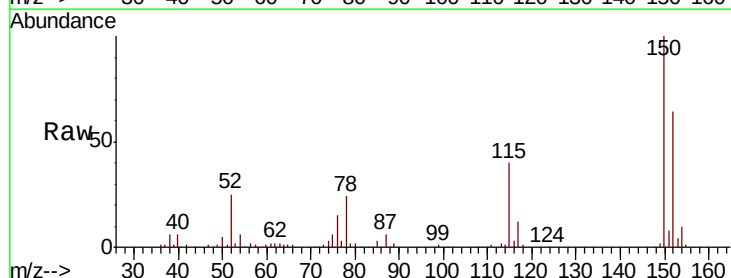


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062343.D
Acq: 14 May 2019 13:45

Tgt Ion:152 Resp: 199320
Ion Ratio Lower Upper
152 100
115 62.5 30.9 92.7
150 156.4 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

