

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062259.D
 Acq On : 12 May 2019 15:19
 Operator : FY/SY
 Sample : K2733-04
 Misc : 5.36g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0002-02

Quant Time: May 15 05:24:38 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	441109	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	730414	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	500825	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	174725	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	264786	64.59	ug/l	0.05
Spiked Amount 50.000			Recovery	=	129.18%	
35) Dibromofluoromethane	6.94	113	348180	57.45	ug/l	0.05
Spiked Amount 50.000			Recovery	=	114.90%	
50) Toluene-d8	10.42	98	525569	35.97	ug/l	0.03
Spiked Amount 50.000			Recovery	=	71.94%	
62) 4-Bromofluorobenzene	13.56	95	182311	31.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.14%	

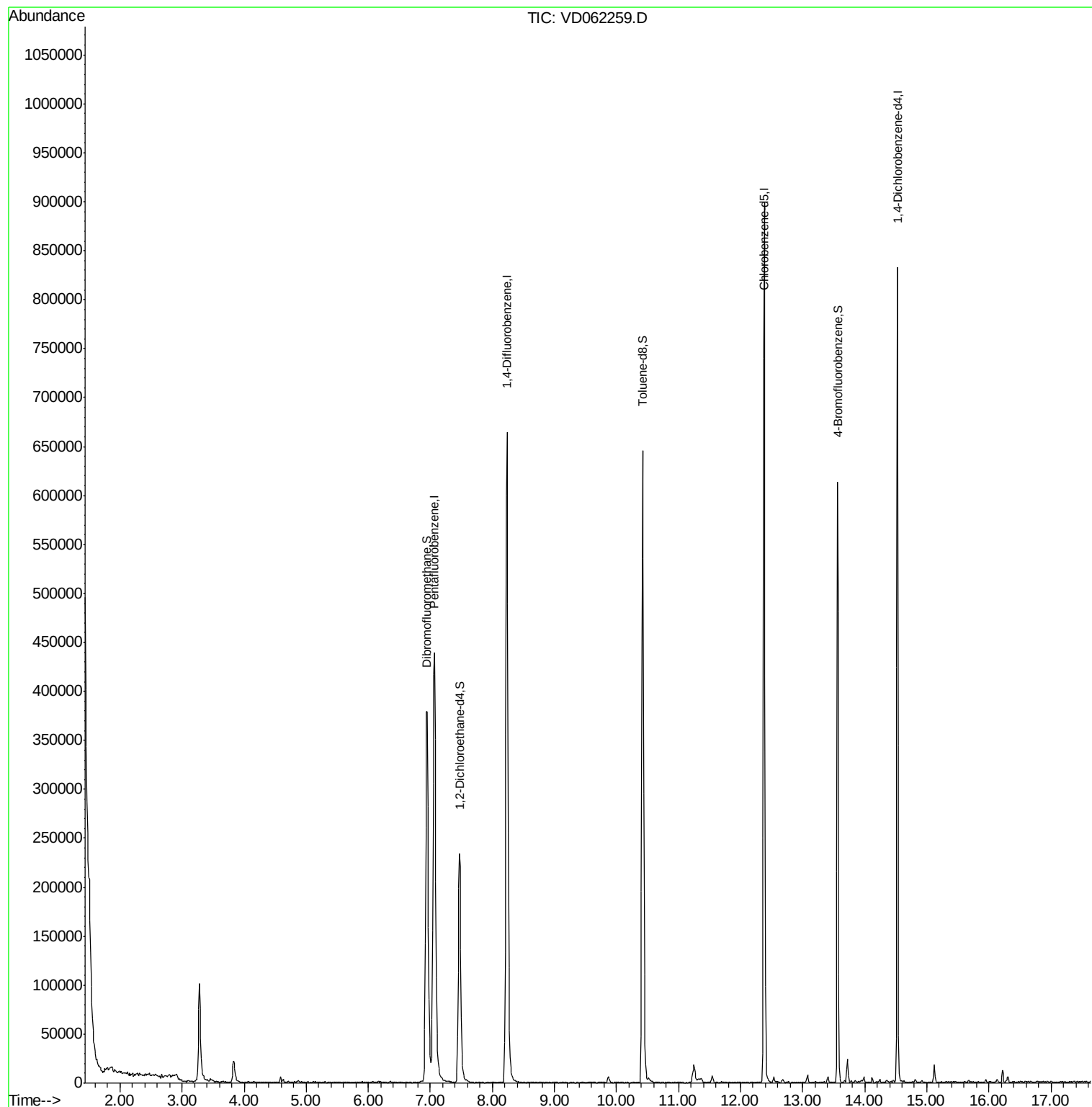
Target Compounds	Qvalue
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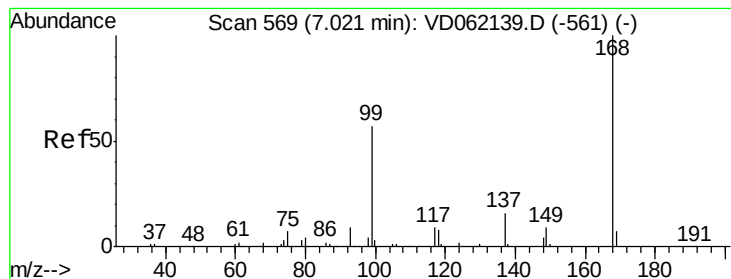
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062259.D

Acq: 12 May 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

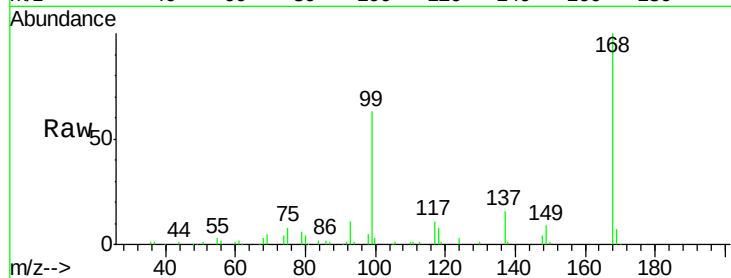
P021-SS001-0002-02

Tot Ion:168 Resp: 441109

Ion Ratio Lower Upper

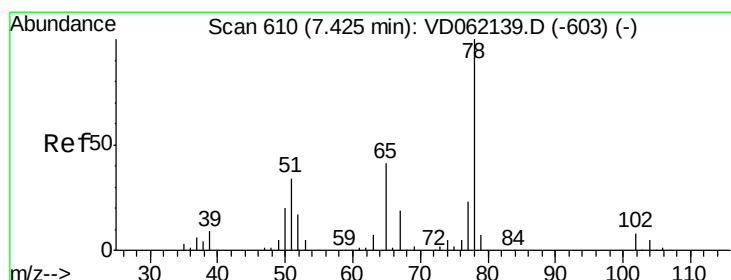
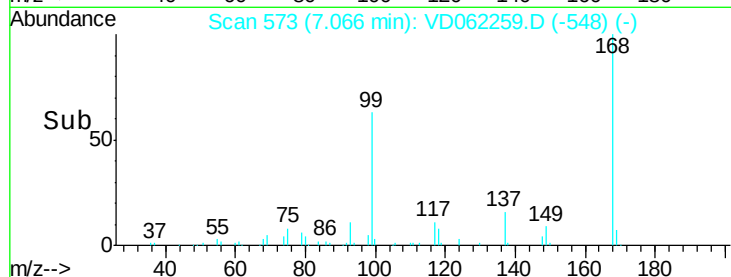
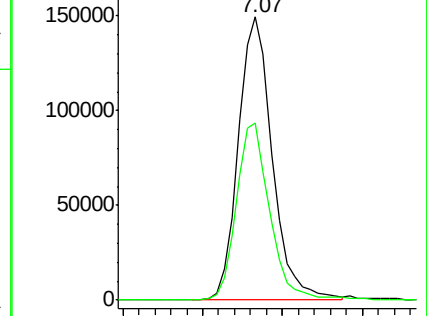
168 100

99 62.7 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: 64.593 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062259.D

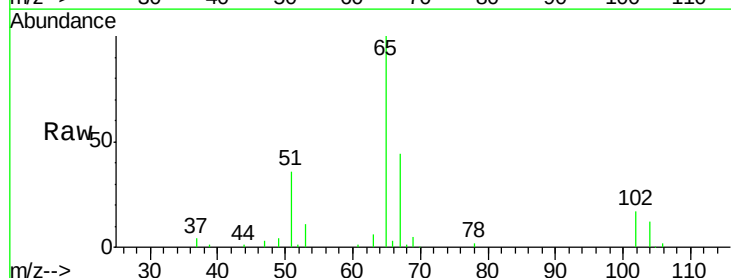
Acq: 12 May 2019 15:19

Tgt Ion: 65 Resp: 264786

Ion Ratio Lower Upper

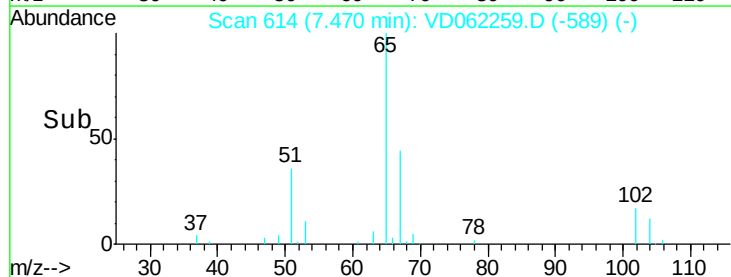
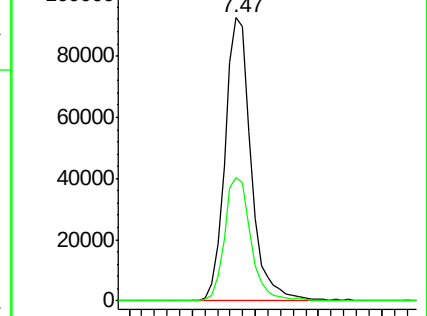
65 100

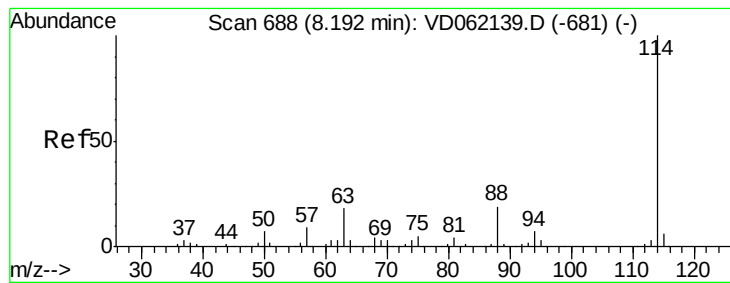
67 43.7 0.0 98.0



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. 0.05 min

Lab File: VD062259.D

Acq: 12 May 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0002-02

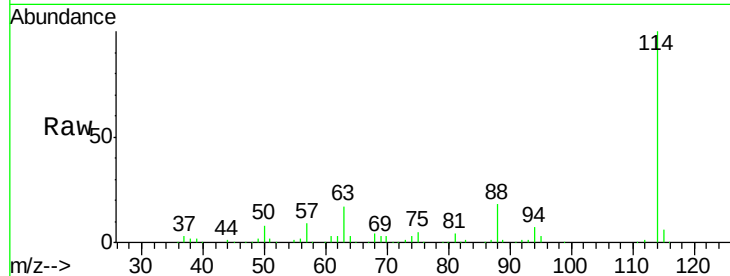
Tot Ion:114 Resp: 730414

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

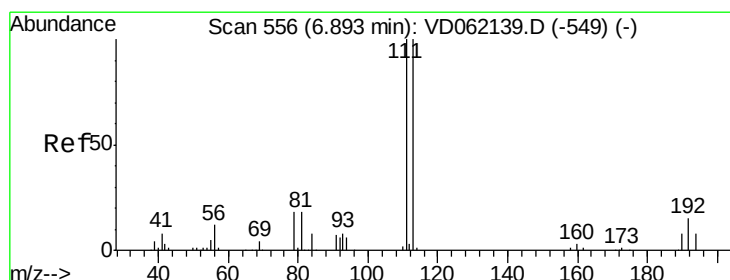
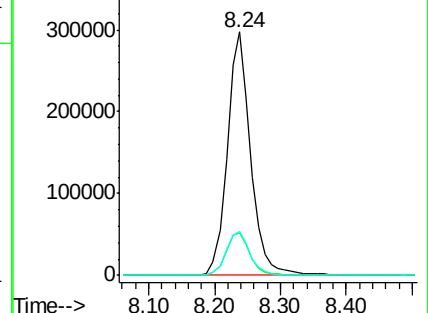
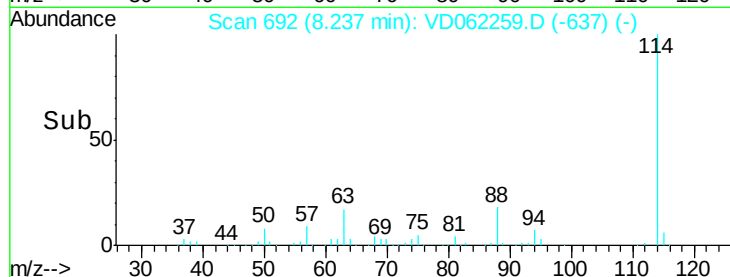
88 17.9 0.0 33.6



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: 57.452 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.05 min

Lab File: VD062259.D

Acq: 12 May 2019 15:19

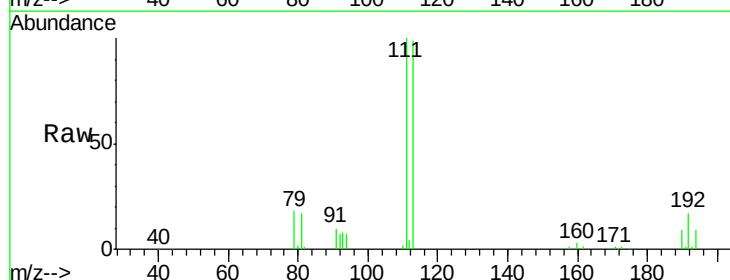
Tgt Ion:113 Resp: 348180

Ion Ratio Lower Upper

113 100

111 100.6 78.5 117.7

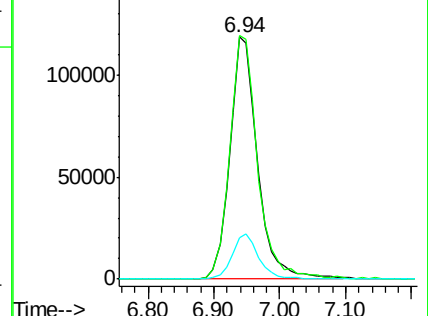
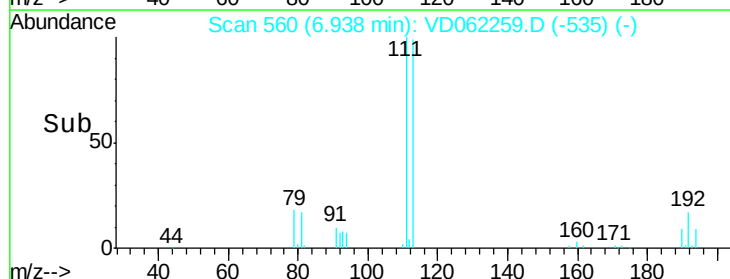
192 17.2 13.0 19.4

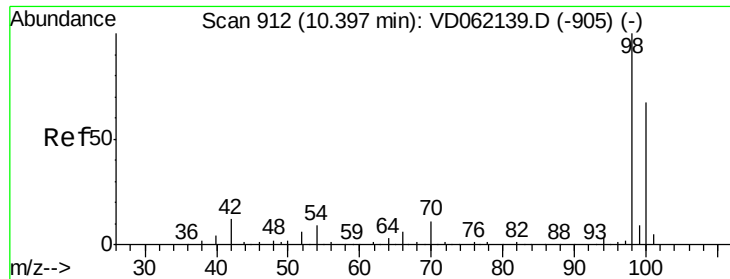


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

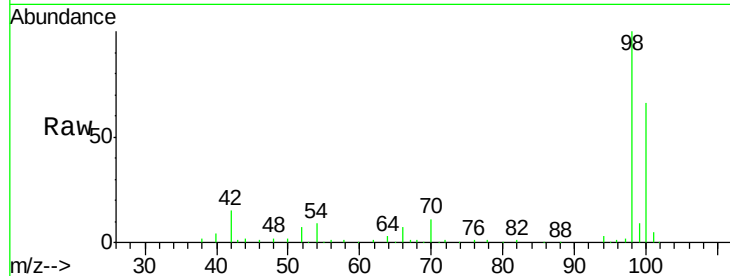




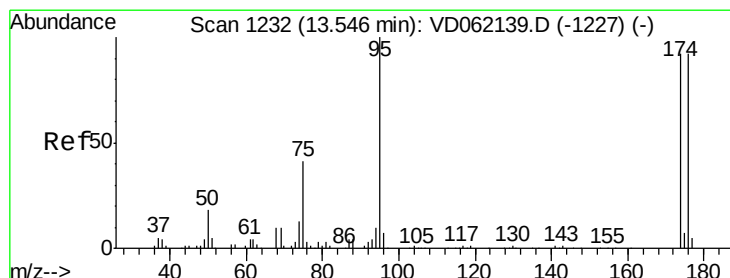
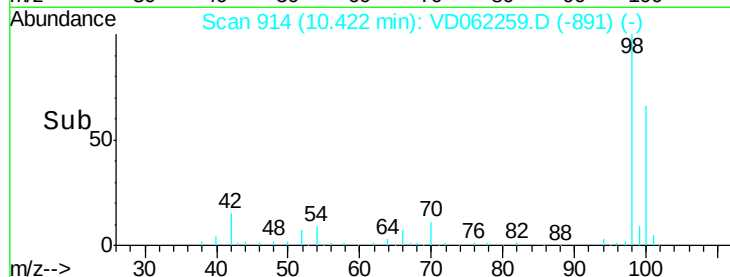
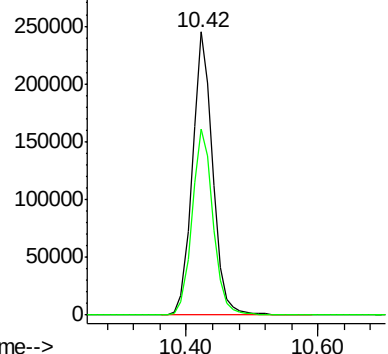
#50
Toluene-d8
Concen: 35.969 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062259.D
Acq: 12 May 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0002-02

Tot Ion: 98 Resp: 525569
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.8

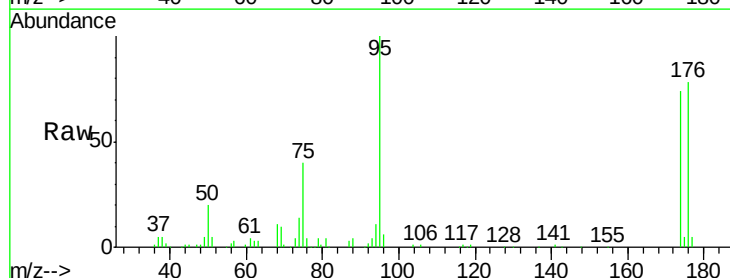


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

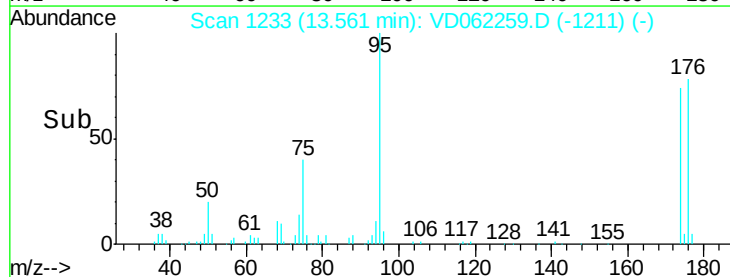
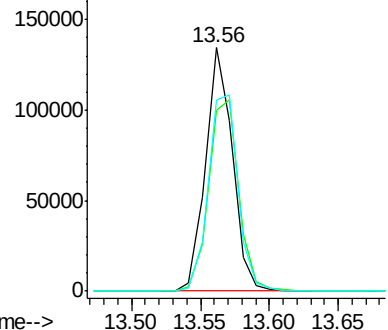


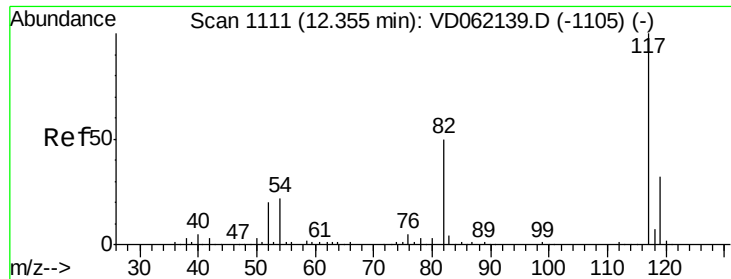
#62
4-Bromofluorobenzene
Concen: 31.071 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062259.D
Acq: 12 May 2019 15:19

Tgt Ion: 95 Resp: 182311
Ion Ratio Lower Upper
95 100
174 74.5 0.0 181.8
176 78.3 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

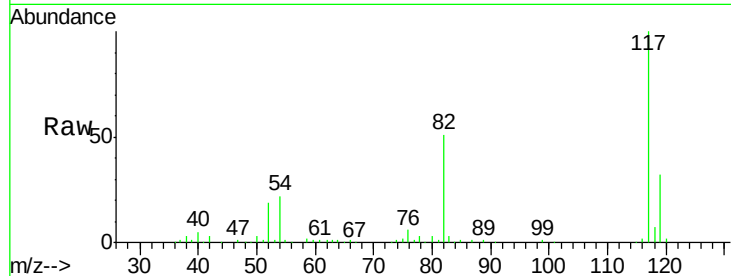




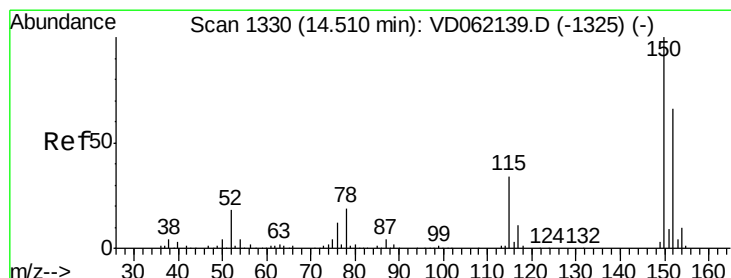
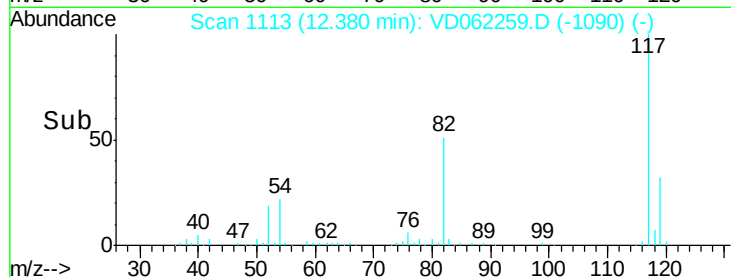
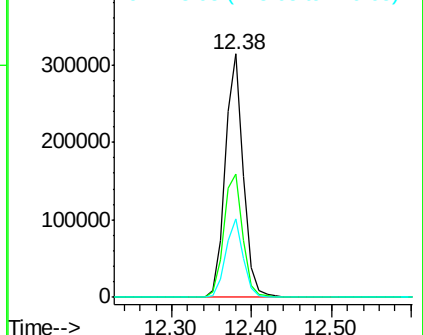
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062259.D
Acq: 12 May 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0002-02

Tot Ion:117 Resp: 500825
Ion Ratio Lower Upper
117 100
82 50.6 36.2 54.2
119 32.1 26.2 39.4

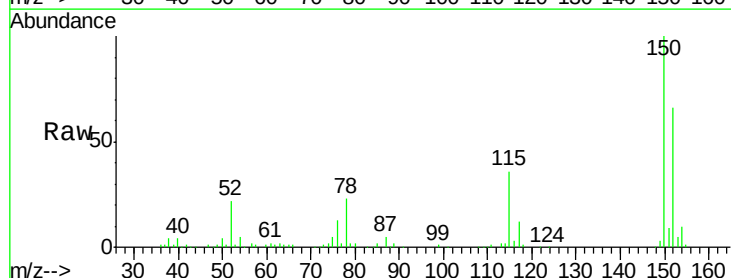


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062259.D
Acq: 12 May 2019 15:19

Tgt Ion:152 Resp: 174725
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 152.4 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

