

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062260.D
 Acq On : 12 May 2019 15:47
 Operator : FY/SY
 Sample : K2733-05
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01

Quant Time: May 15 05:24:51 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	434325	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	682362	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.37	117	447817	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	148734	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	285310	70.69	ug/l	0.05
Spiked Amount 50.000			Recovery	=	141.38%	
35) Dibromofluoromethane	6.94	113	339631	59.99	ug/l	0.05
Spiked Amount 50.000			Recovery	=	119.98%	
50) Toluene-d8	10.42	98	443102	32.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	64.92%	
62) 4-Bromofluorobenzene	13.56	95	167701	30.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.18%	

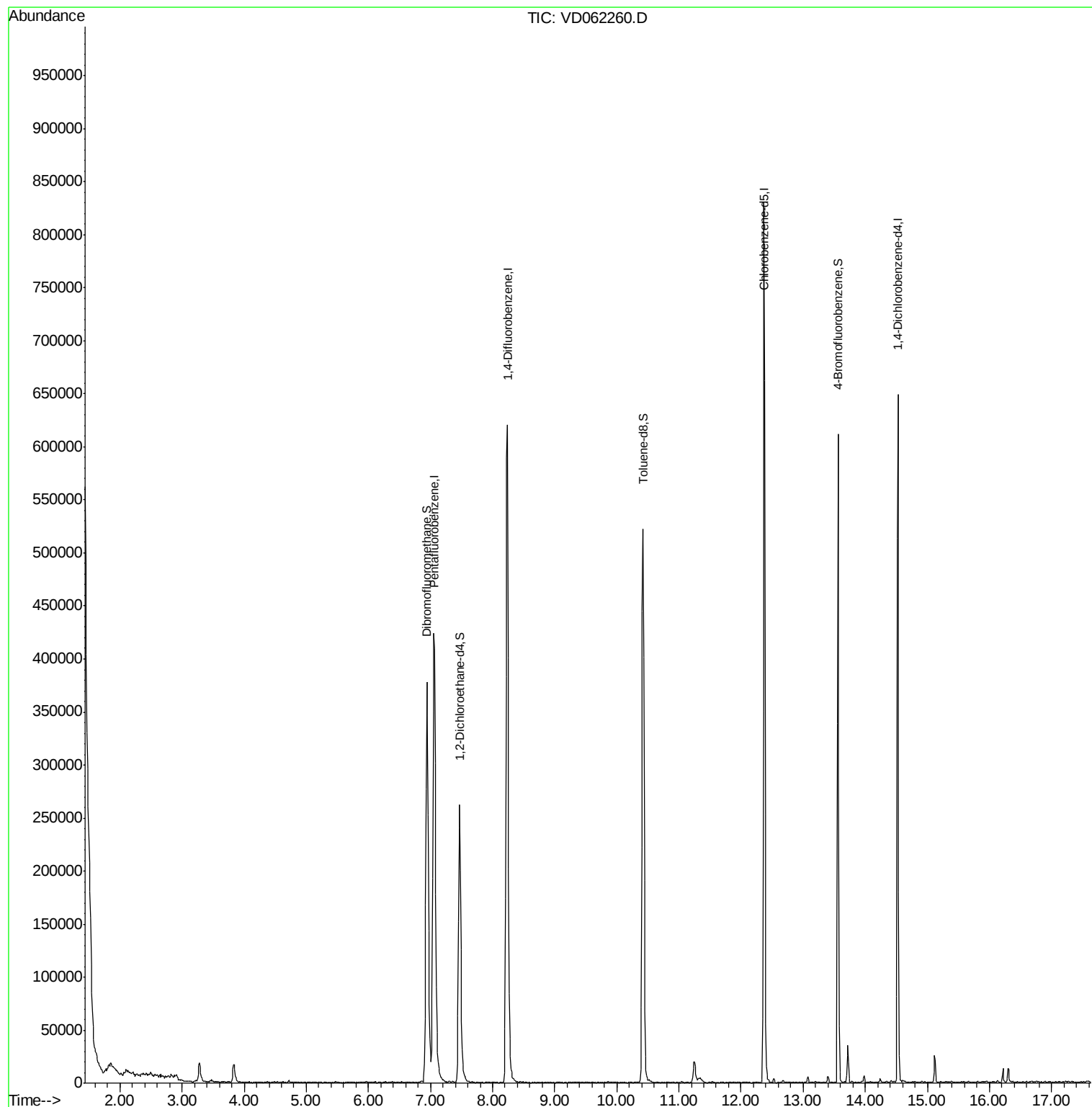
Target Compounds	Qvalue
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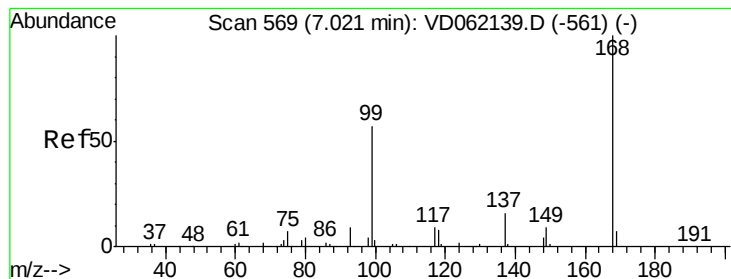
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

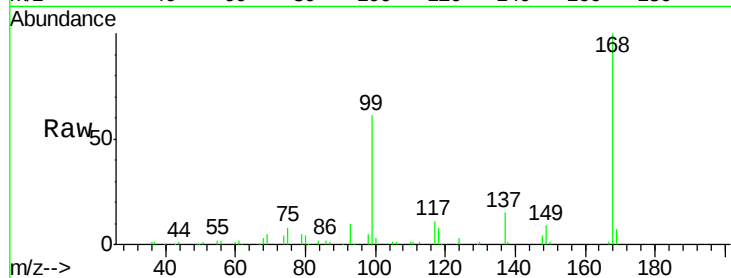
P021-SS001-0206-01

Tot Ion:168 Resp: 434325

Ion Ratio Lower Upper

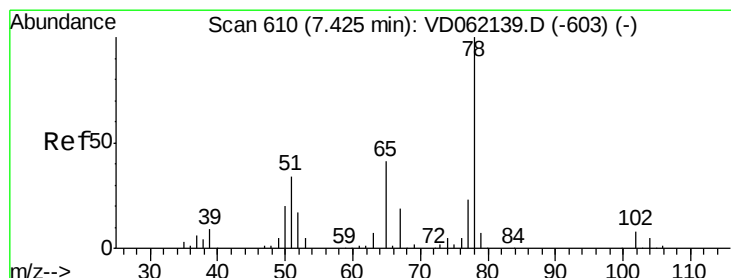
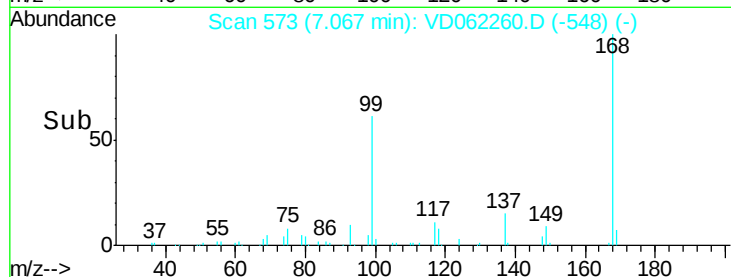
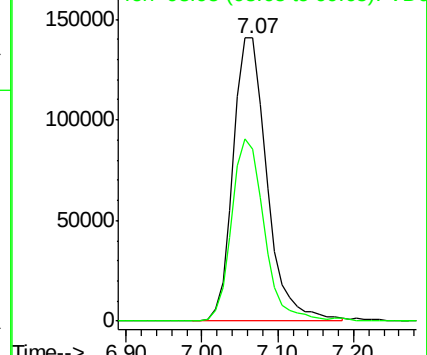
168 100

99 60.7 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: 70.687 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062260.D

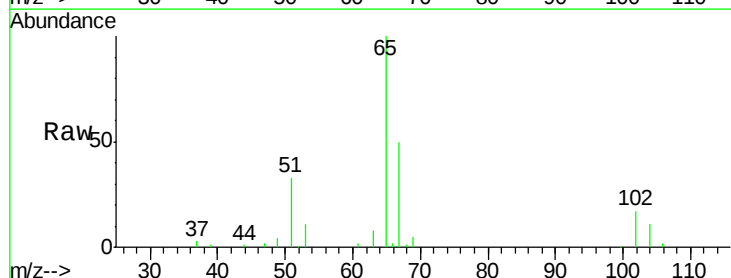
Acq: 12 May 2019 15:47

Tgt Ion: 65 Resp: 285310

Ion Ratio Lower Upper

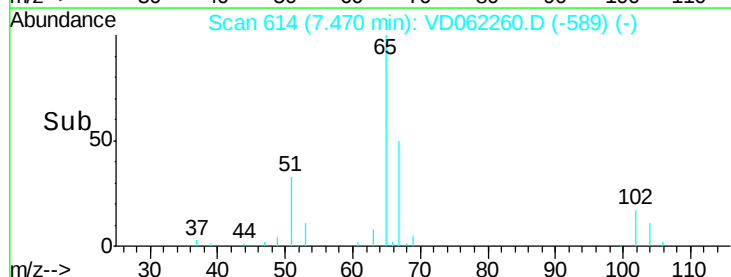
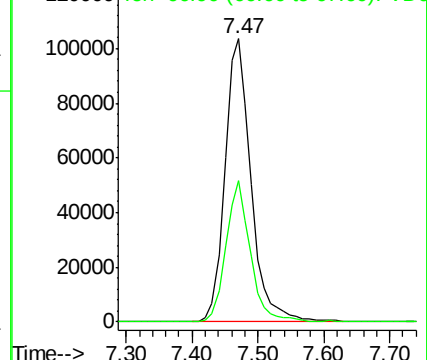
65 100

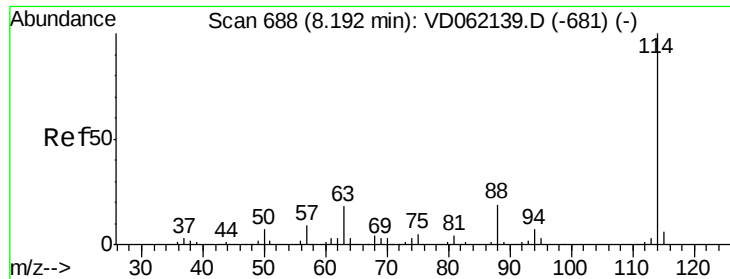
67 50.1 0.0 98.0



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: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01

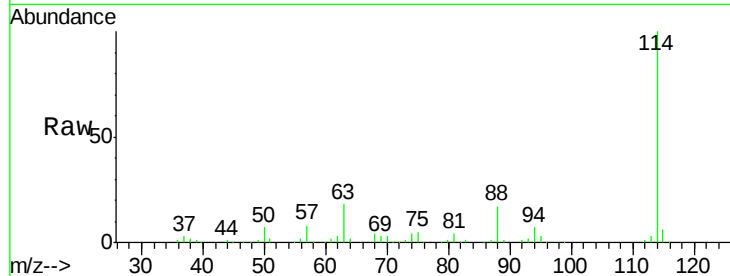
Tot Ion:114 Resp: 682362

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

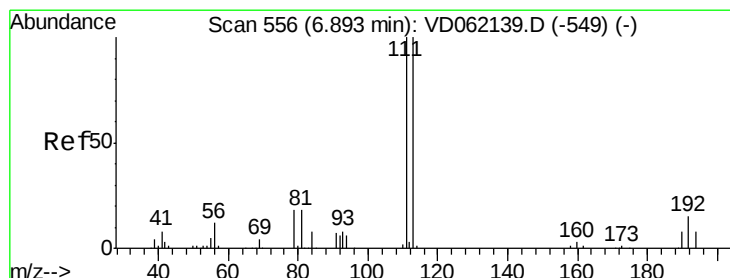
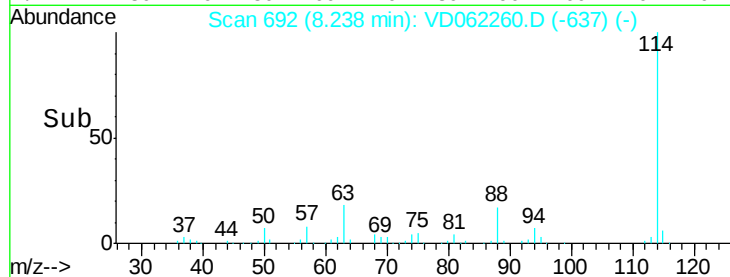
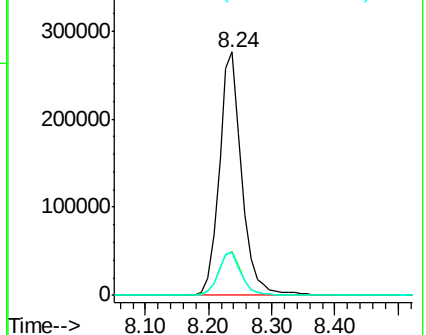
88 17.5 0.0 33.6



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: 59.988 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.05 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

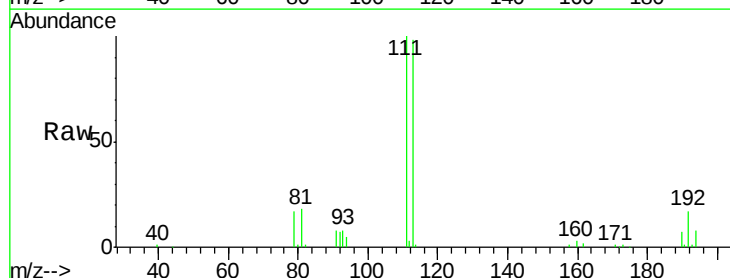
Tgt Ion:113 Resp: 339631

Ion Ratio Lower Upper

113 100

111 101.9 78.5 117.7

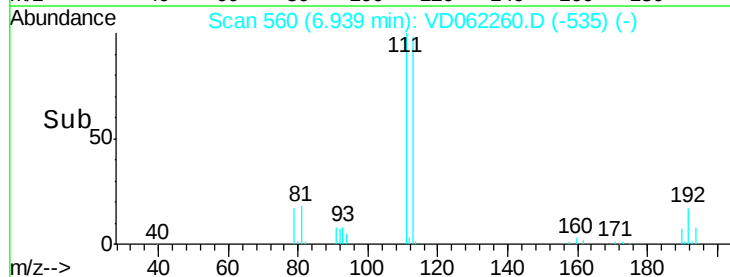
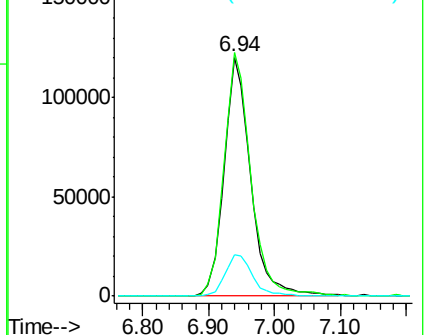
192 17.2 13.0 19.4

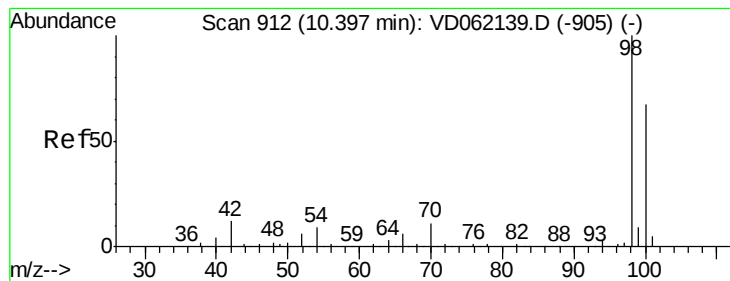


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 32.460 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

Instrument :

MSVOA_D

ClientSampleId :

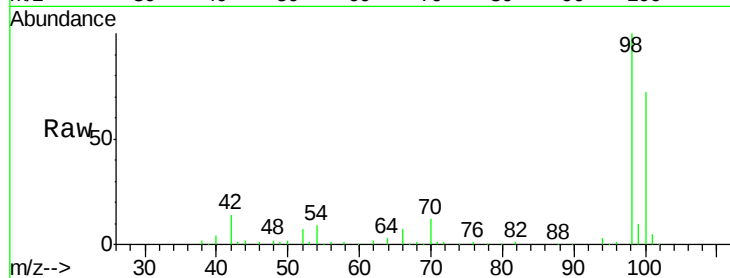
P021-SS001-0206-01

Tot Ion: 98 Resp: 443102

Ion Ratio Lower Upper

98 100

100 72.2 53.8 80.8



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

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

200000

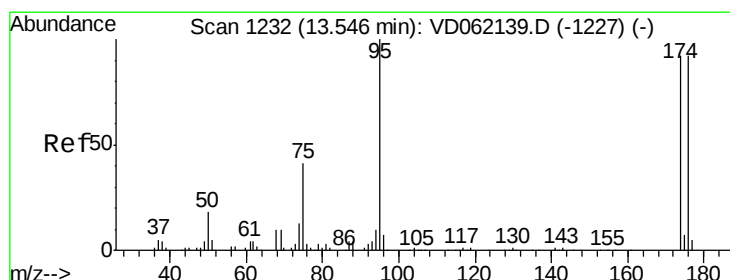
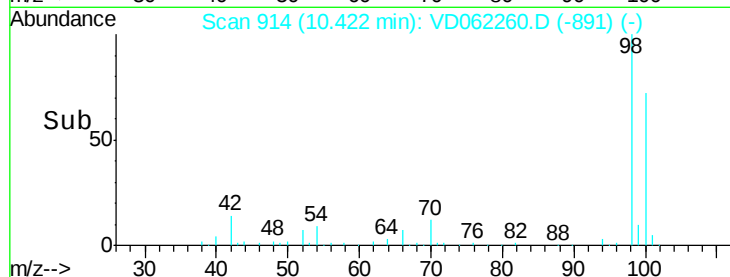
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.593 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062260.D

Acq: 12 May 2019 15:47

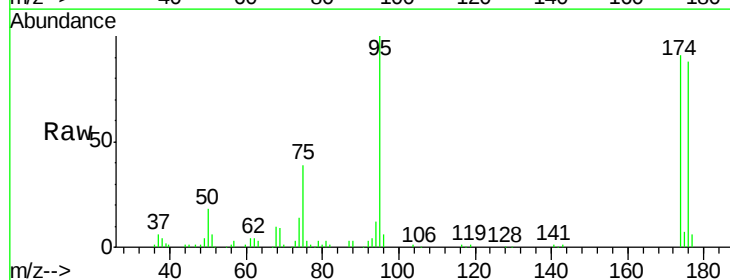
Tgt Ion: 95 Resp: 167701

Ion Ratio Lower Upper

95 100

174 90.9 0.0 181.8

176 88.3 0.0 174.4



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

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

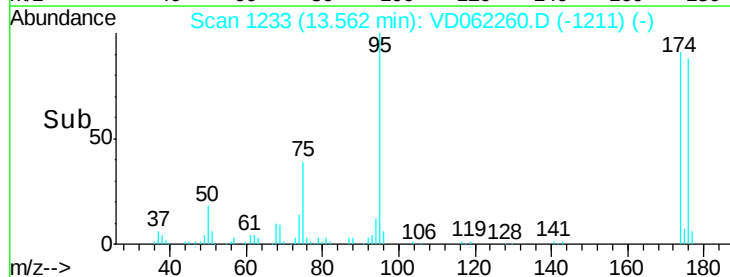
150000

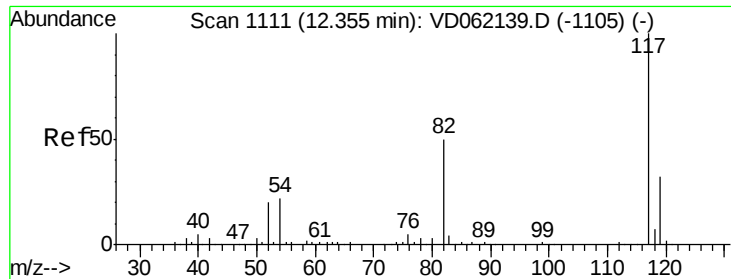
100000

50000

0

Time-->

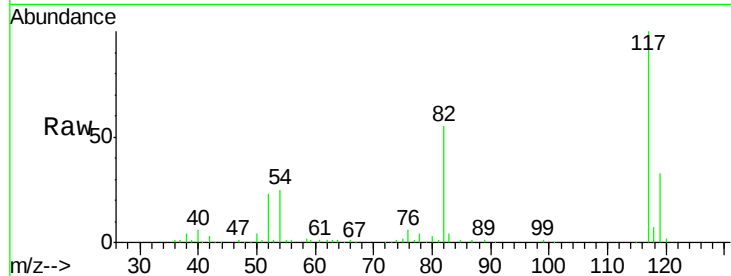




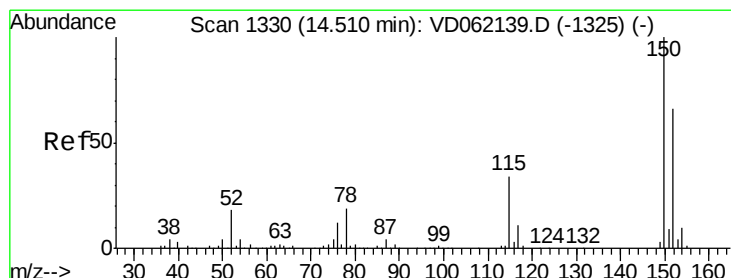
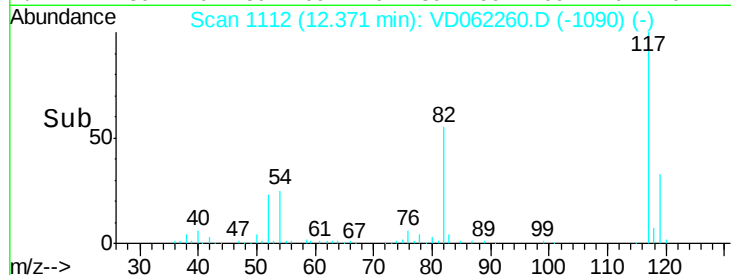
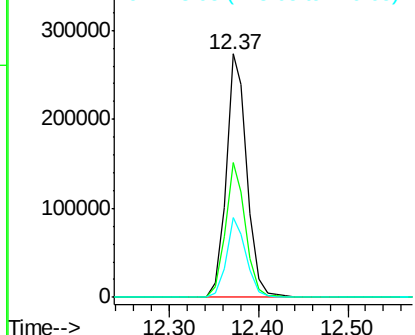
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062260.D
Acq: 12 May 2019 15:47

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0206-01

Tot Ion:117 Resp: 447817
Ion Ratio Lower Upper
117 100
82 55.5 36.2 54.2#
119 32.6 26.2 39.4

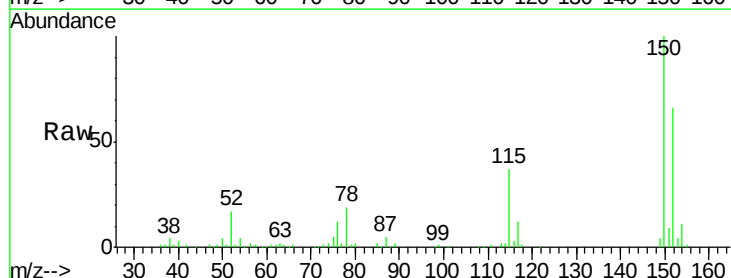


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062260.D
Acq: 12 May 2019 15:47

Tgt Ion:152 Resp: 148734
Ion Ratio Lower Upper
152 100
115 56.2 30.9 92.7
150 151.9 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

