

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062342.D
 Acq On : 14 May 2019 13:17
 Operator : FY/SY
 Sample : K2735-16
 Misc : 5.31g/5mL/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01

Quant Time: May 15 02:07:54 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	640282	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	913574	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	501748	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	160139	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	287742	48.36	ug/l	0.05
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	6.94	113	362069	47.77	ug/l	0.05
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.43	98	560000	30.64	ug/l	0.03
Spiked Amount	50.000		Recovery	=	61.28%	
62) 4-Bromofluorobenzene	13.57	95	194334	26.48	ug/l	0.02
Spiked Amount	50.000		Recovery	=	52.96%	

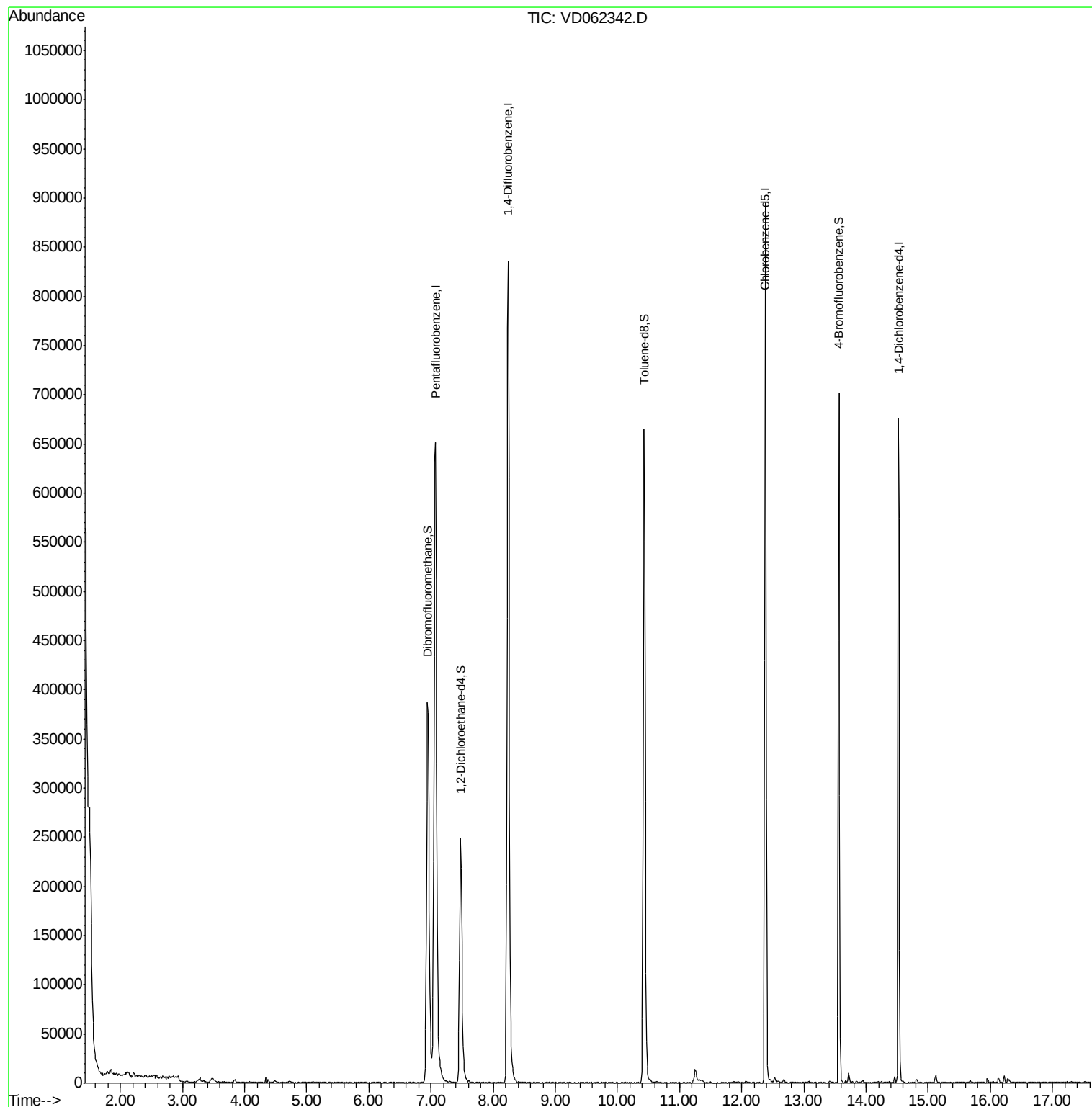
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062342.D

Acq: 14 May 2019 13:17

Instrument :

MSVOA_D

ClientSampleId :

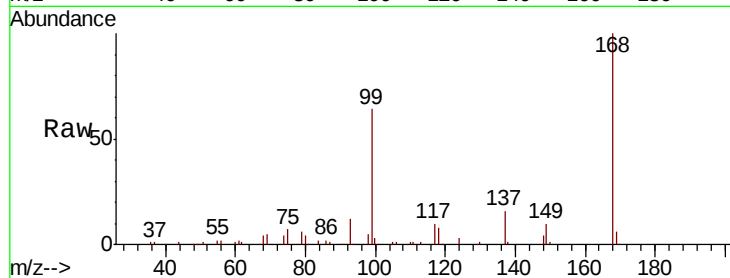
P026-SS017-1218-01

Tgt Ion:168 Resp: 640282

Ion Ratio Lower Upper

168 100

99 63.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

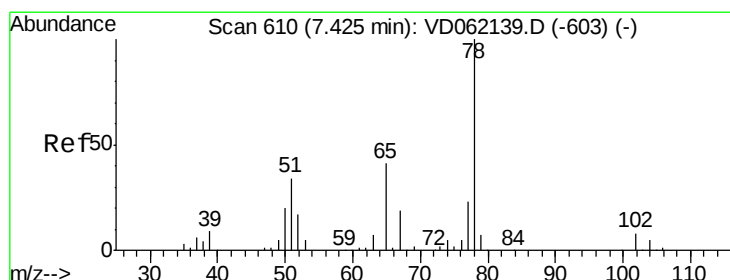
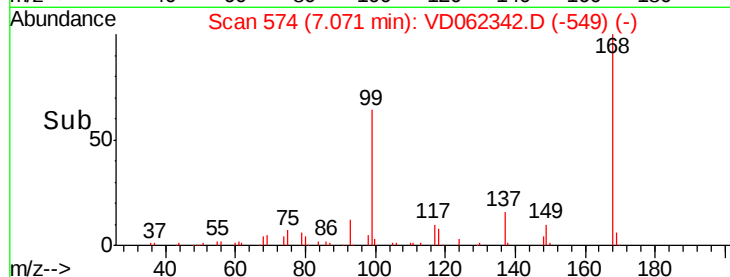
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 48.358 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062342.D

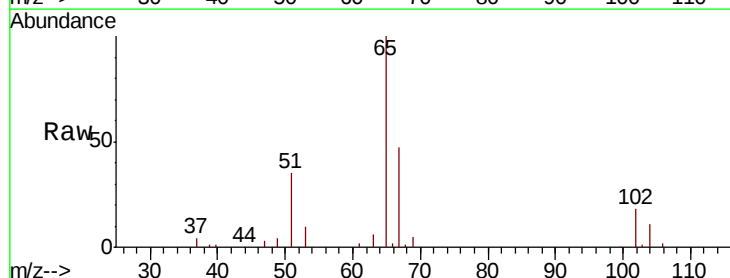
Acq: 14 May 2019 13:17

Tgt Ion: 65 Resp: 287742

Ion Ratio Lower Upper

65 100

67 46.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

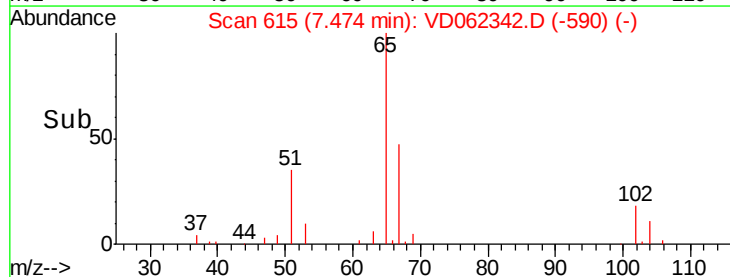
60000

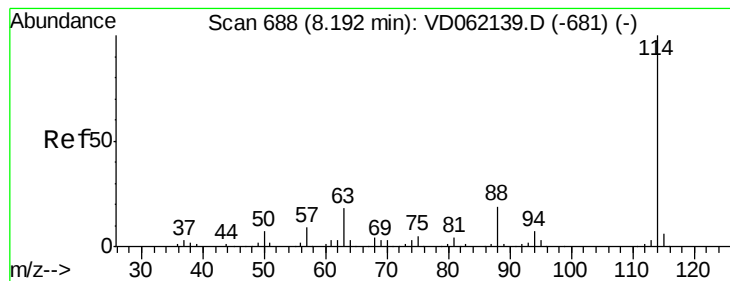
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062342.D

Acq: 14 May 2019 13:17

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-1218-01

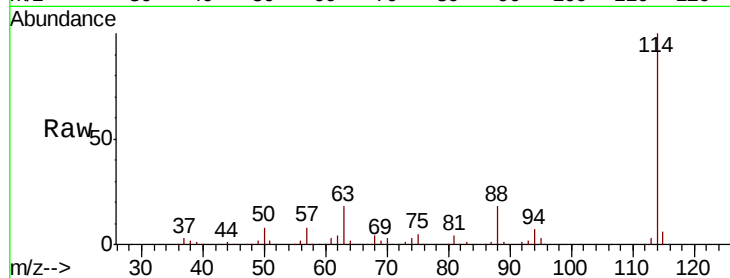
Tgt Ion:114 Resp: 913574

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

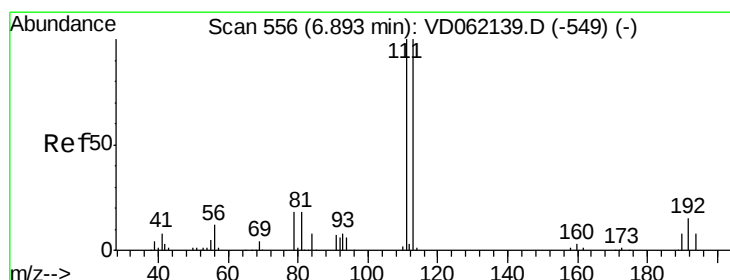
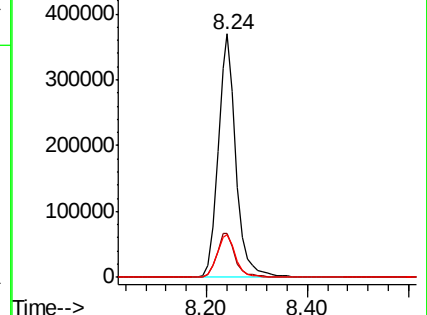
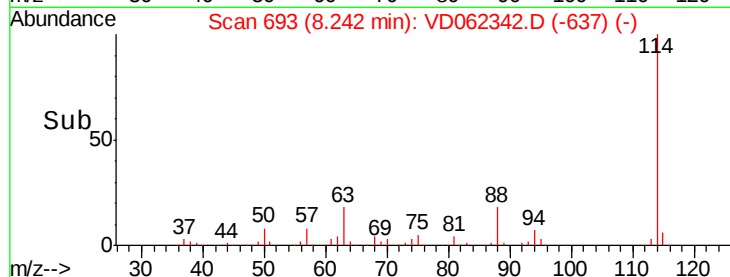
88 17.7 0.0 33.6



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: 47.766 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062342.D

Acq: 14 May 2019 13:17

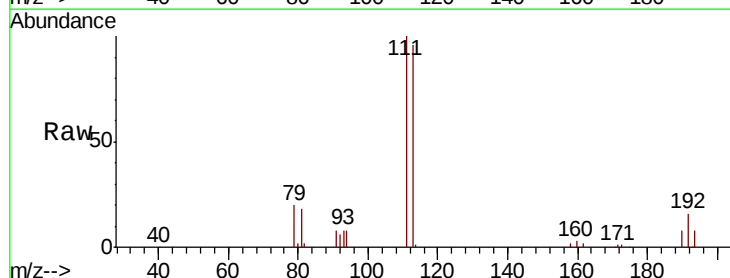
Tgt Ion:113 Resp: 362069

Ion Ratio Lower Upper

113 100

111 103.9 78.5 117.7

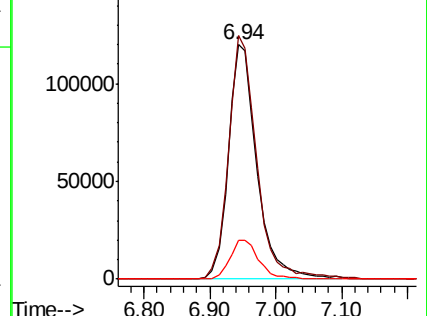
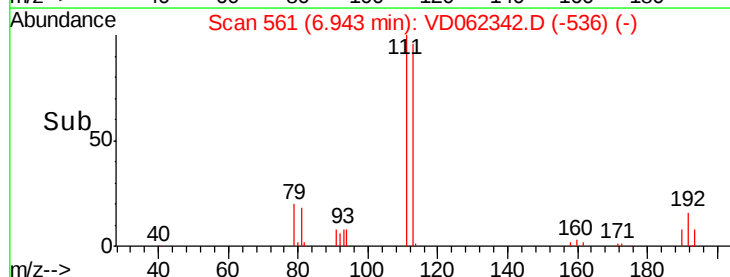
192 16.4 13.0 19.4

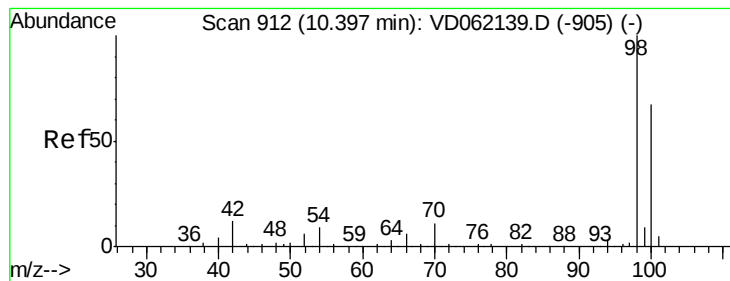


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 30.641 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062342.D

Acq: 14 May 2019 13:17

Instrument :

MSVOA_D

ClientSampleId :

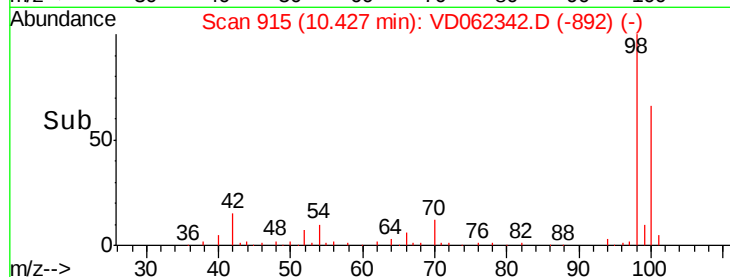
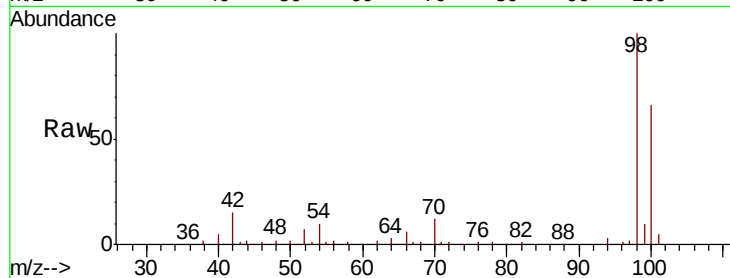
P026-SS017-1218-01

Tgt Ion: 98 Resp: 560000

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

250000

200000

150000

100000

50000

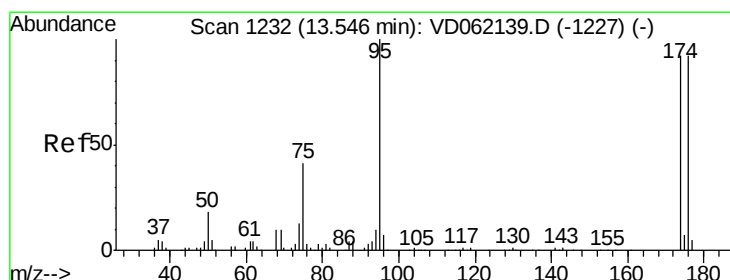
0

10.43

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 26.480 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062342.D

Acq: 14 May 2019 13:17

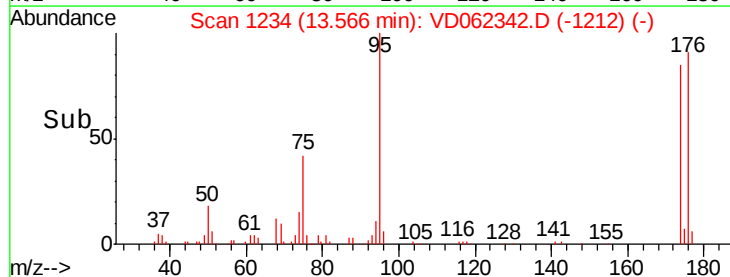
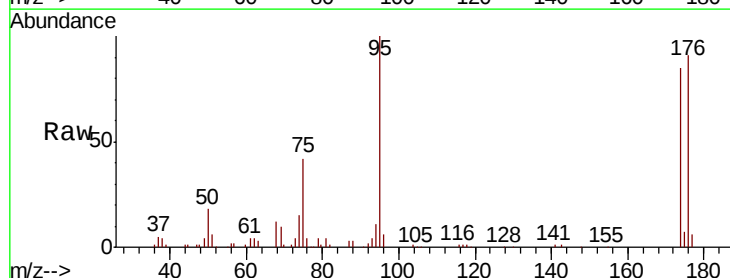
Tgt Ion: 95 Resp: 194334

Ion Ratio Lower Upper

95 100

174 85.4 0.0 181.8

176 91.3 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

200000

150000

100000

50000

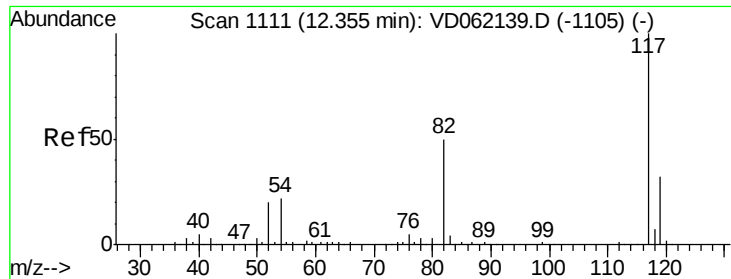
0

13.57

13.50

13.60

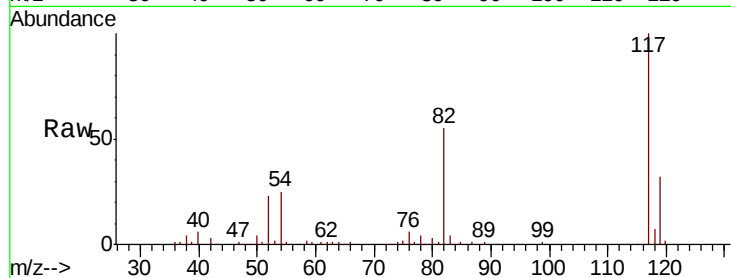
Time-->



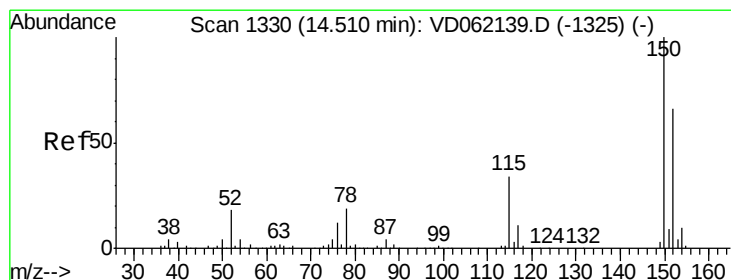
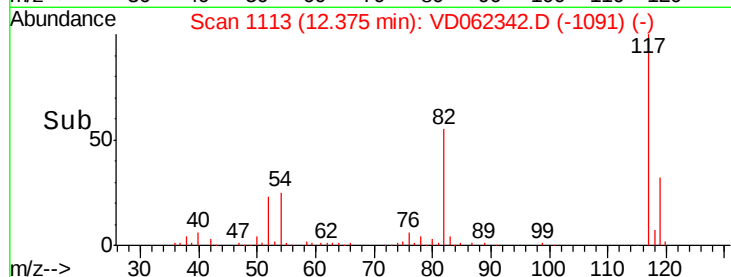
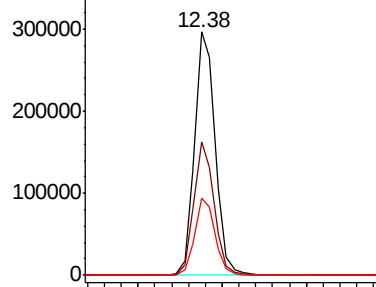
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062342.D
Acq: 14 May 2019 13:17

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-1218-01

Tgt Ion:117 Resp: 501748
Ion Ratio Lower Upper
117 100
82 54.7 36.2 54.2#
119 31.6 26.2 39.4

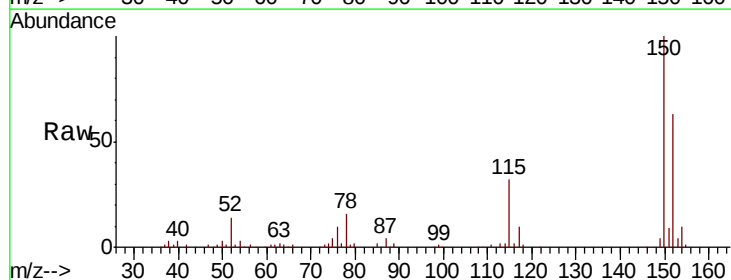


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062342.D
Acq: 14 May 2019 13:17

Tgt Ion:152 Resp: 160139
Ion Ratio Lower Upper
152 100
115 51.6 30.9 92.7
150 159.0 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

