

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051219\
 Data File : VD062285.D
 Acq On : 13 May 2019 4:41
 Operator : FY/SY
 Sample : K2719-15RE
 Misc : 3.71g/5mL/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS010-0612-01RE

Quant Time: May 15 09:56:41 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	514112	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	601860	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	400791	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	110641	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	231466	48.45	ug/l	0.04
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	6.95	113	250836	50.23	ug/l	0.05
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	10.42	98	442590	36.76	ug/l	0.03
Spiked Amount			Recovery	=	73.52%	
62) 4-Bromofluorobenzene	13.56	95	120140	24.85	ug/l	0.02
Spiked Amount			Recovery	=	49.70%	

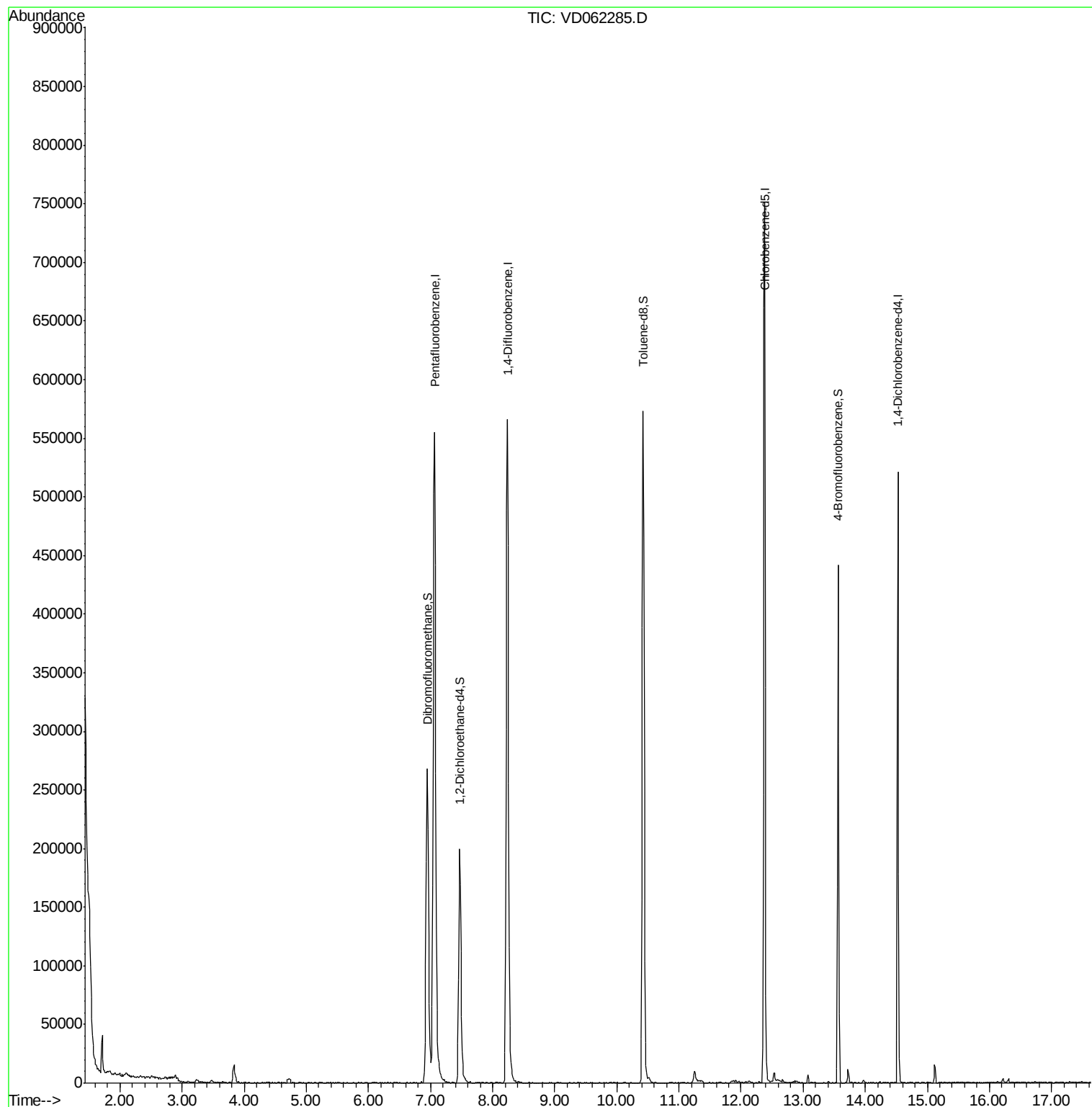
Target Compounds	Qvalue
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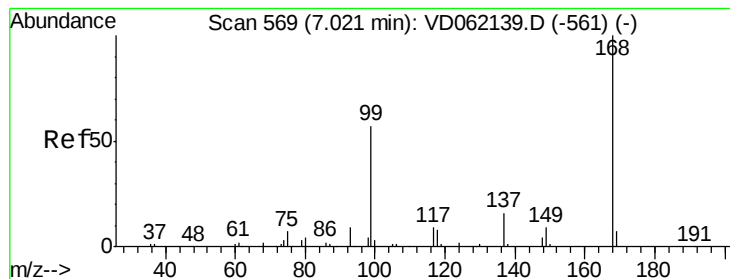
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062285.D

Acq: 13 May 2019 4:41

Instrument :

MSVOA_D

ClientSampleId :

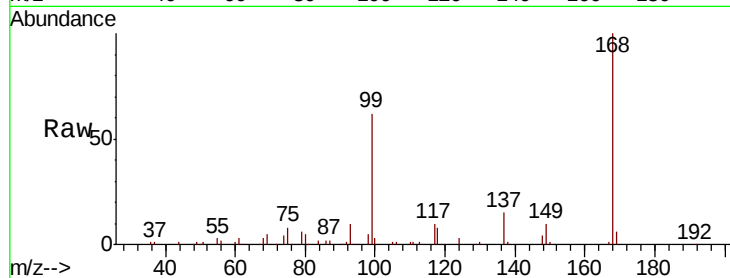
P026-SS010-0612-01RE

Tot Ion:168 Resp: 514112

Ion Ratio Lower Upper

168 100

99 62.0 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

200000

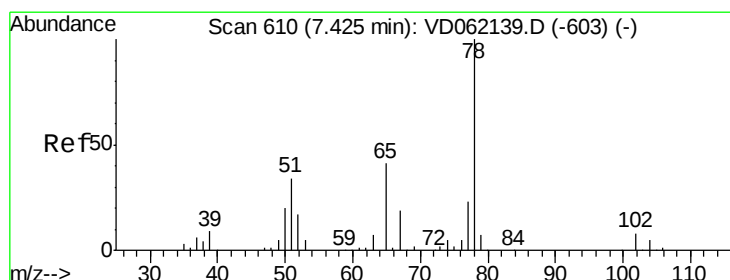
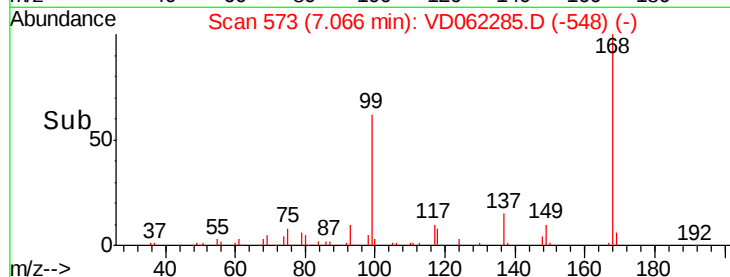
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 48.447 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062285.D

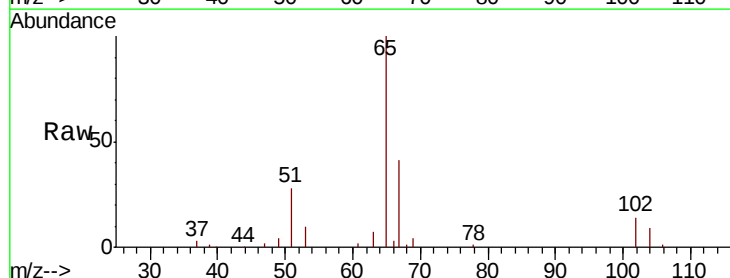
Acq: 13 May 2019 4:41

Tgt Ion: 65 Resp: 231466

Ion Ratio Lower Upper

65 100

67 40.8 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

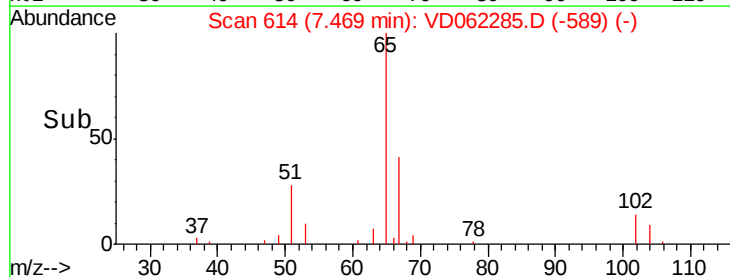
60000

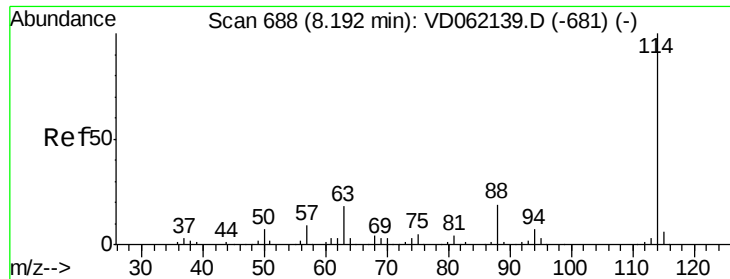
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70

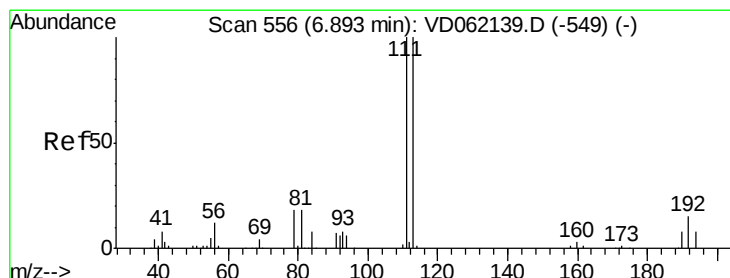
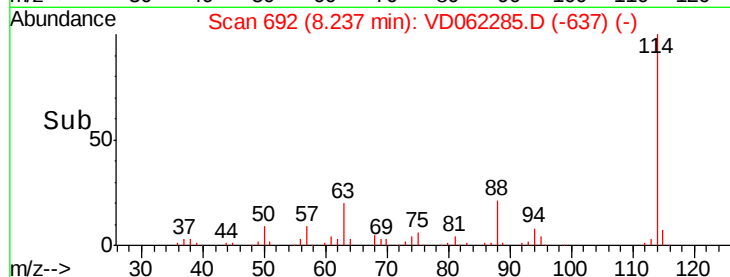
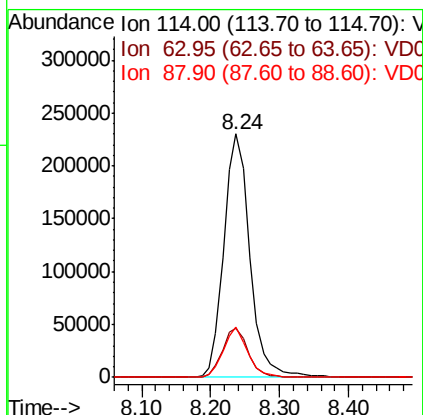
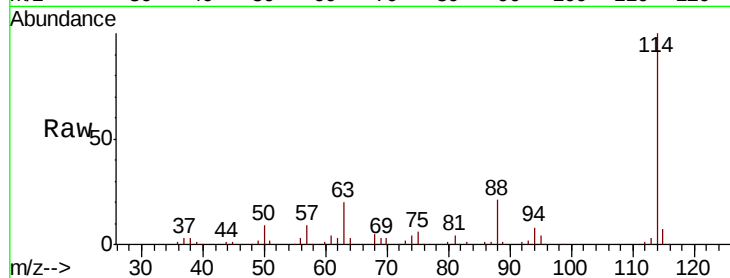




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062285.D
 Acq: 13 May 2019 4:41

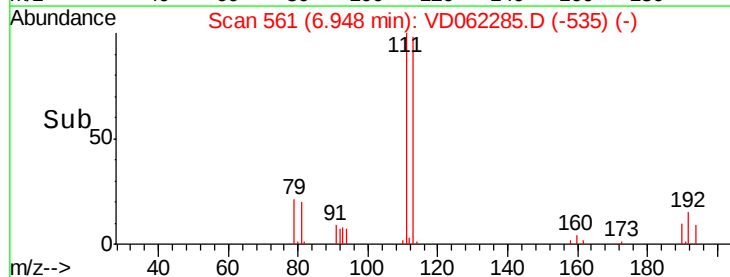
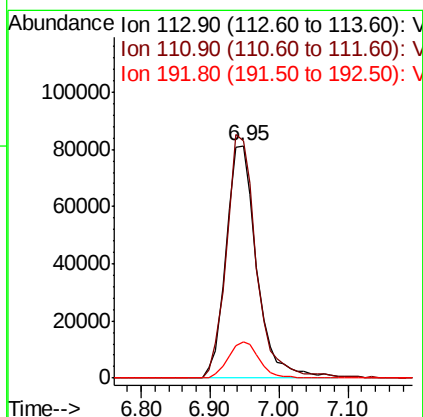
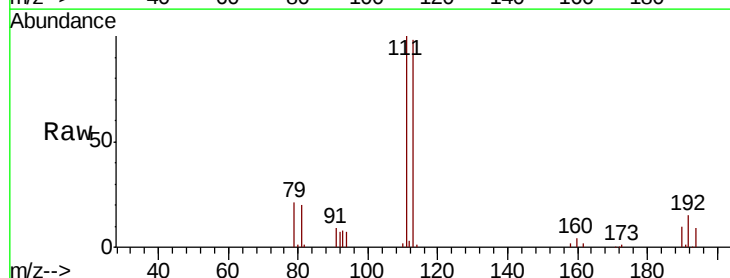
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS010-0612-01RE

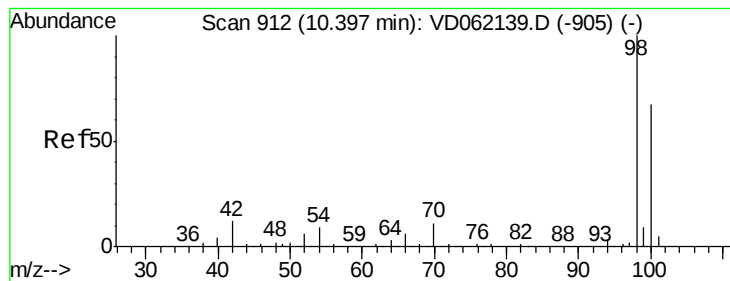
Tot Ion:114 Resp: 601860
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 32.4
 88 20.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.230 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062285.D
 Acq: 13 May 2019 4:41

Tgt Ion:113 Resp: 250836
 Ion Ratio Lower Upper
 113 100
 111 102.3 78.5 117.7
 192 15.7 13.0 19.4





#50

Toluene-d8

Concen: 36.759 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062285.D

Acq: 13 May 2019 4:41

Instrument :

MSVOA_D

ClientSampleId :

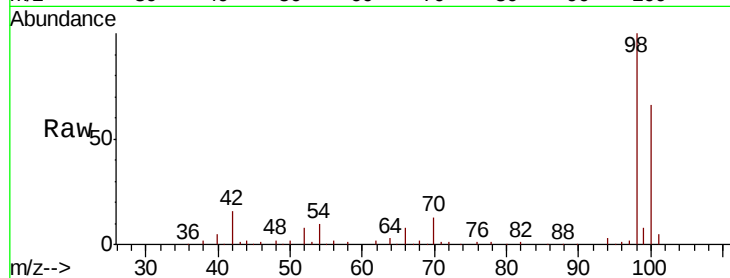
P026-SS010-0612-01RE

Tot Ion: 98 Resp: 442590

Ion Ratio Lower Upper

98 100

100 65.8 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

250000

200000

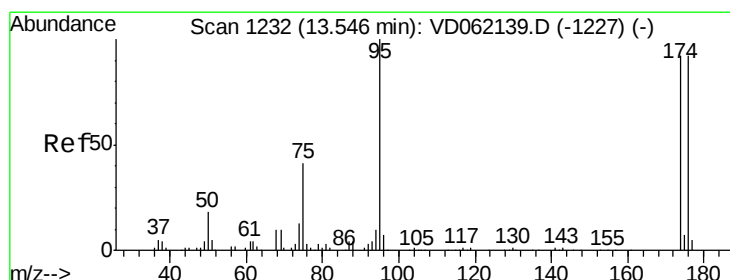
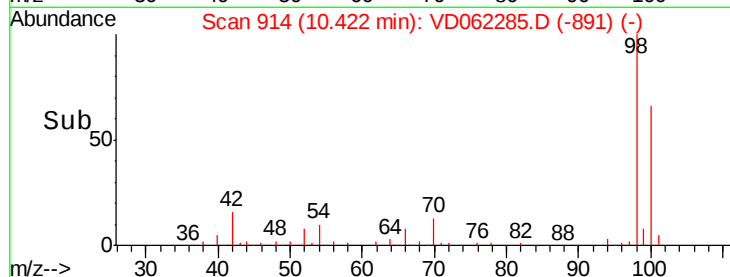
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 24.848 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062285.D

Acq: 13 May 2019 4:41

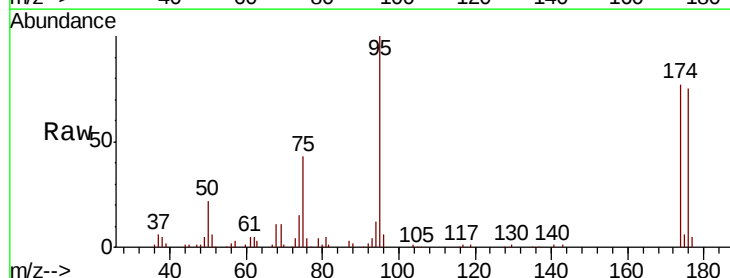
Tgt Ion: 95 Resp: 120140

Ion Ratio Lower Upper

95 100

174 77.0 0.0 181.8

176 74.9 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

120000

100000

80000

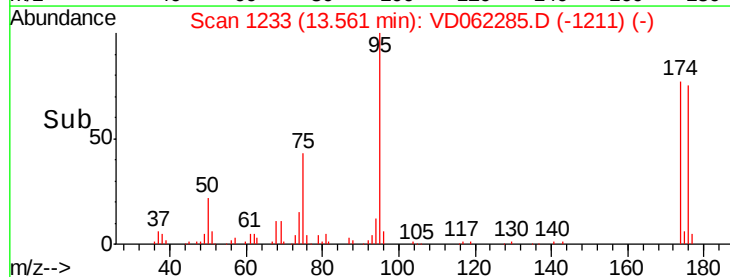
60000

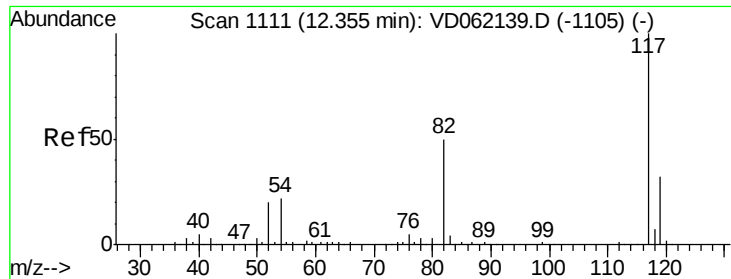
40000

20000

0

Time-->

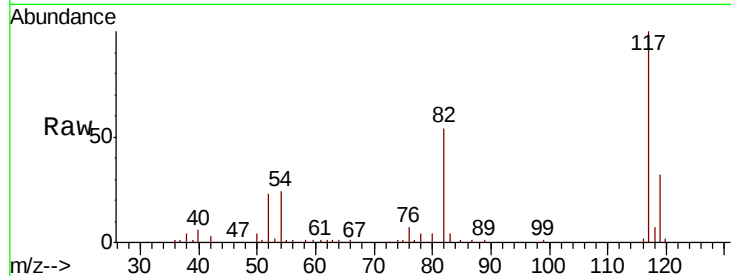




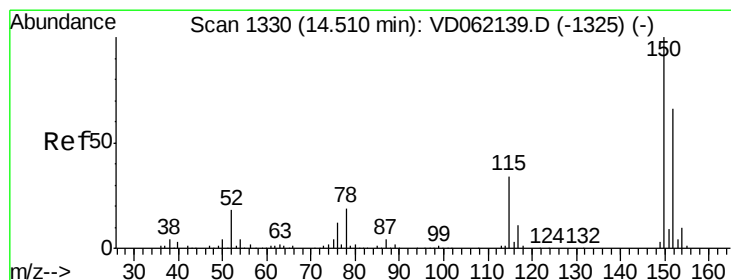
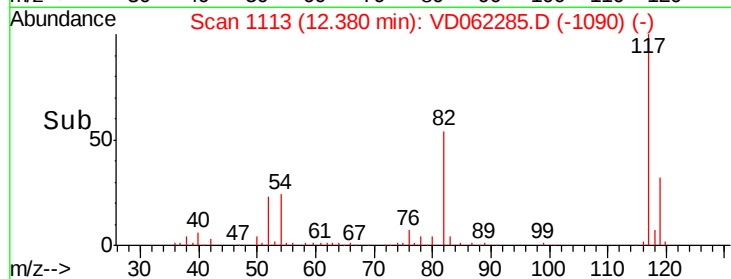
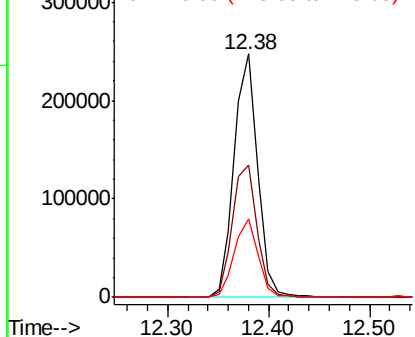
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062285.D
Acq: 13 May 2019 4:41

Instrument :
MSVOA_D
ClientSampleId :
P026-SS010-0612-01RE

Tot Ion:117 Resp: 400791
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 32.1 26.2 39.4

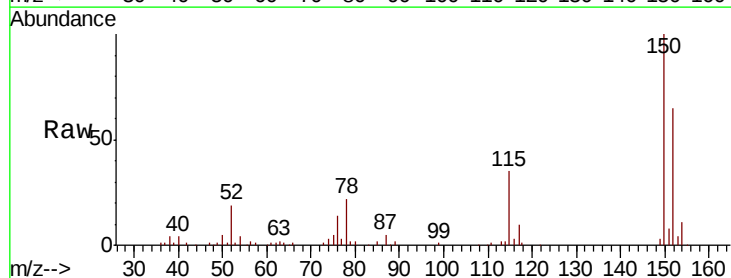


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062285.D
Acq: 13 May 2019 4:41

Tgt Ion:152 Resp: 110641
Ion Ratio Lower Upper
152 100
115 54.2 30.9 92.7
150 155.0 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

