

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061168.D
 Acq On : 19 Mar 2019 3:38
 Operator : VA/AP
 Sample : K1956-01
 Misc : 4.77g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Mar 19 05:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	690785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1213284	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	973742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	453539	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	295016	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	6.92	113	467159	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.39	98	1084556	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	13.54	95	439220	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	

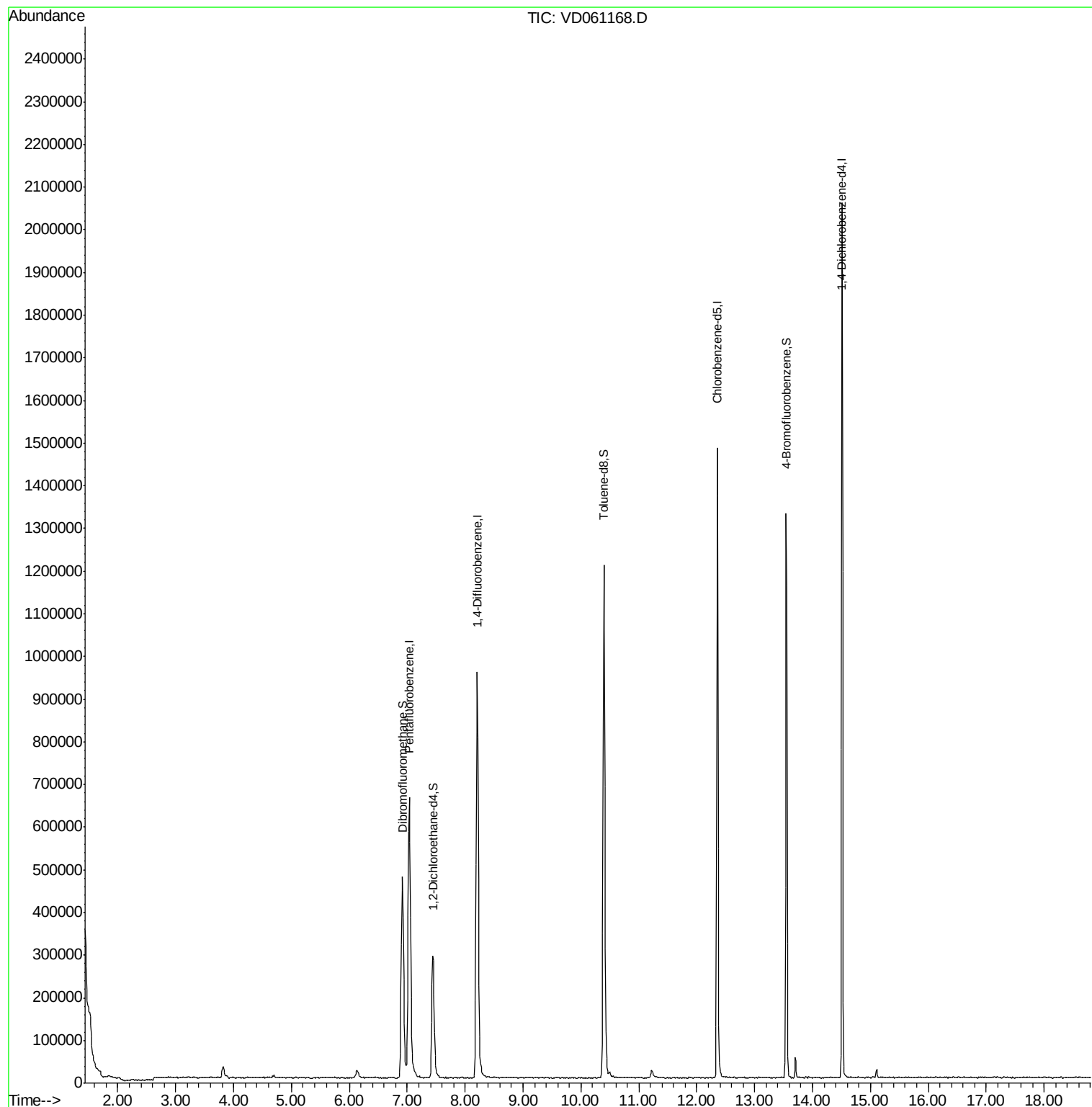
Target Compounds	Qvalue
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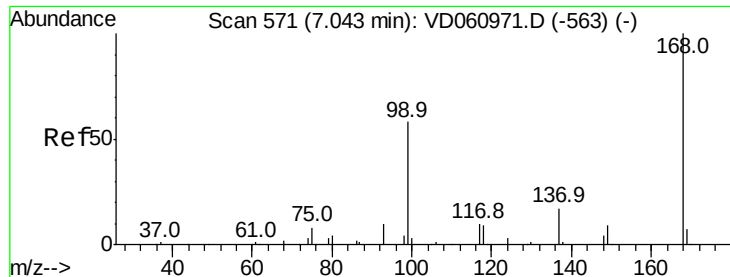
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061168.D

Acq: 19 Mar 2019 3:38

Instrument :

MSVOA_D

ClientSampled :

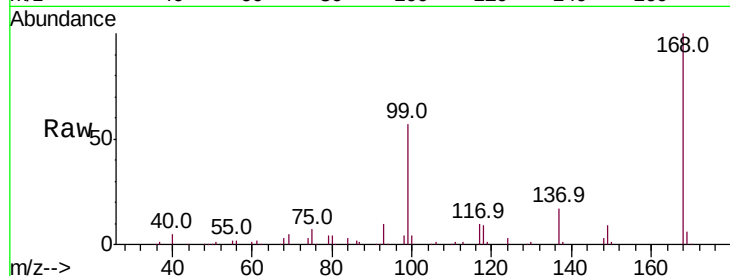
TP-7

Tot Ion:168 Resp: 690785

Ion Ratio Lower Upper

168 100

99 56.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

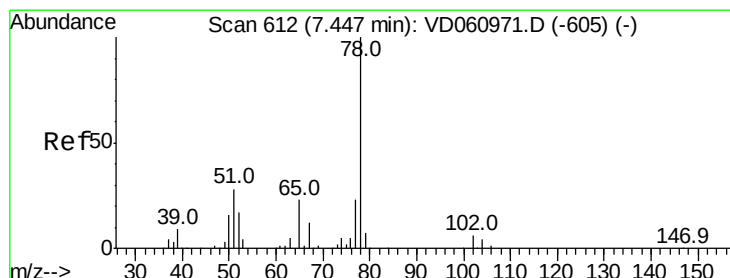
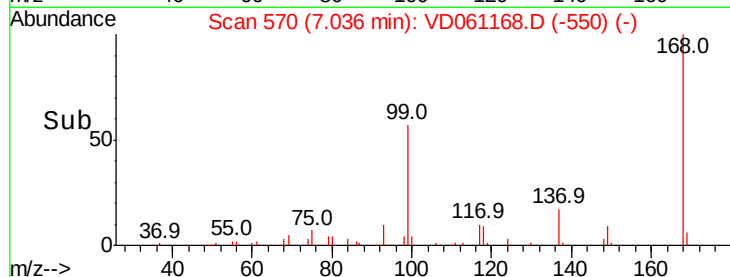
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061168.D

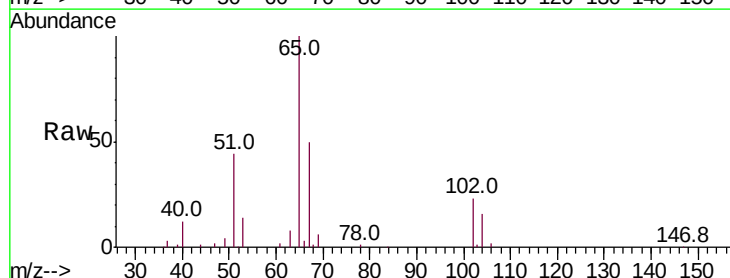
Acq: 19 Mar 2019 3:38

Tgt Ion: 65 Resp: 295016

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

120000

100000

80000

60000

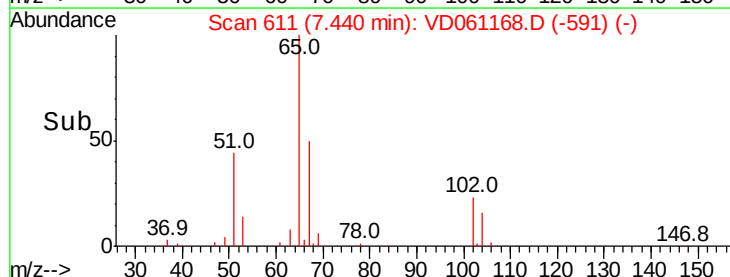
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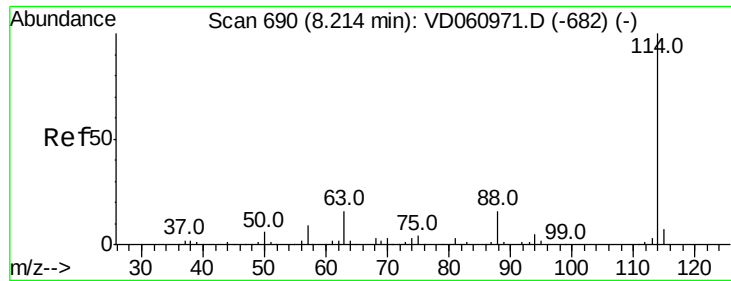
20000

0

Time-->

7.30 7.40 7.50 7.60

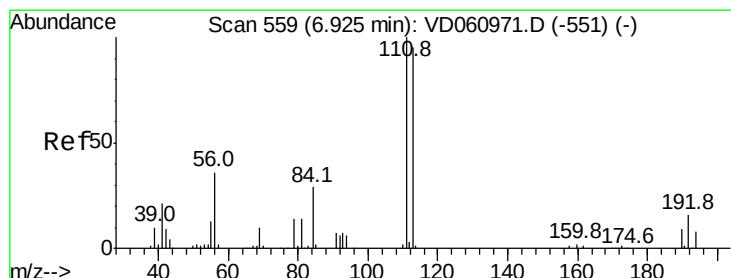
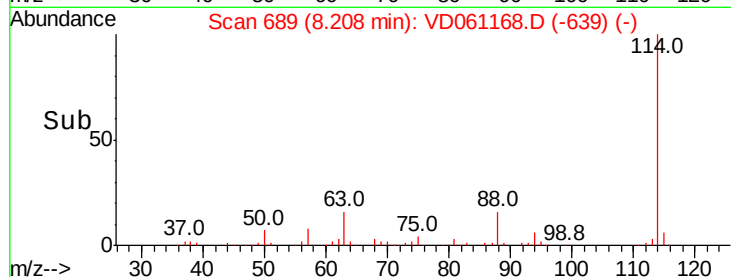
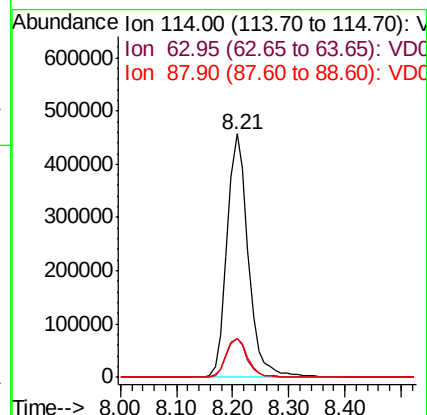
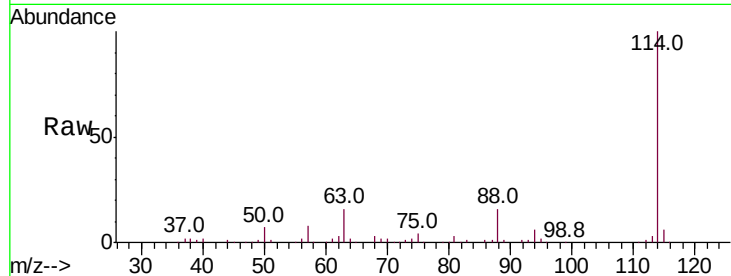




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061168.D
 Acq: 19 Mar 2019 3:38

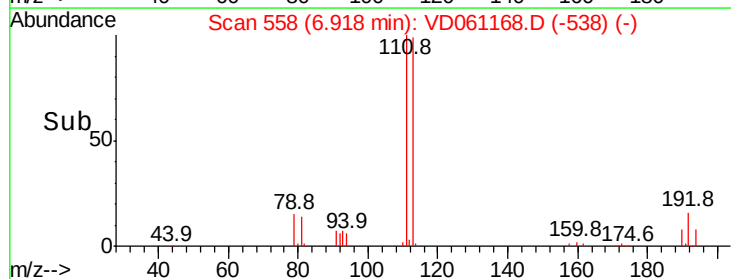
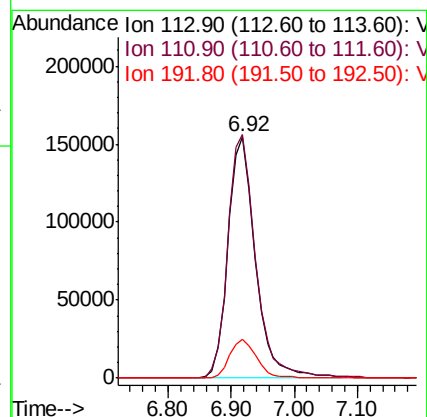
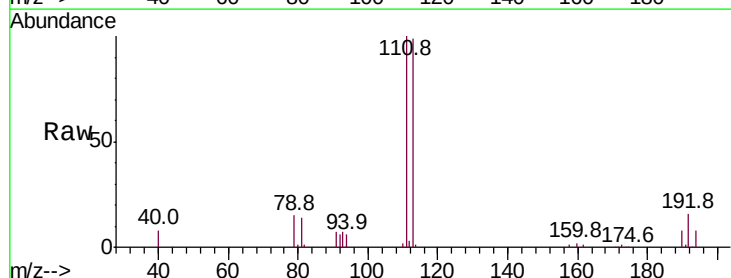
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

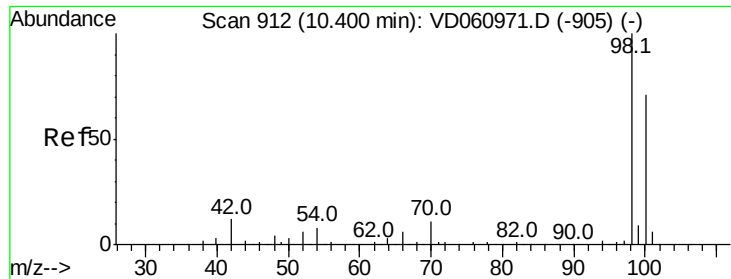
Tot Ion:114 Resp: 1213284
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 15.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061168.D
 Acq: 19 Mar 2019 3:38

Tgt Ion:113 Resp: 467159
 Ion Ratio Lower Upper
 113 100
 111 100.8 84.2 126.4
 192 15.9 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061168.D

Acq: 19 Mar 2019 3:38

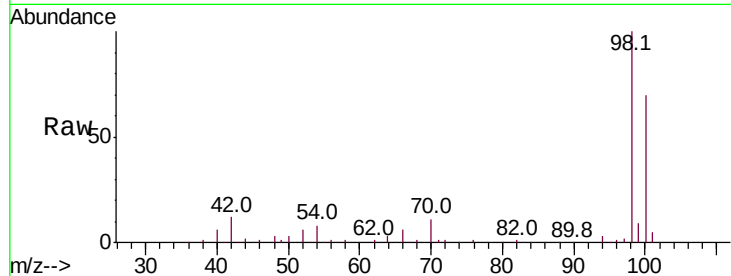
Instrument :
MSVOA_D
ClientSampled :
TP-7

Tot Ion: 98 Resp: 1084556

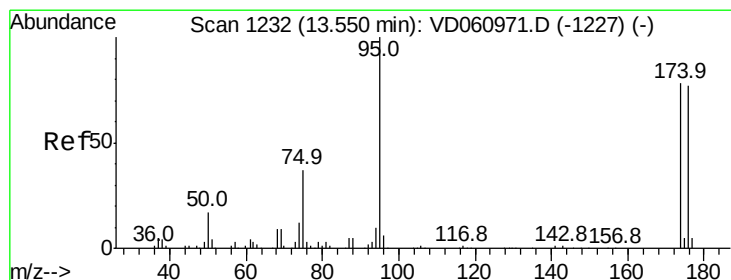
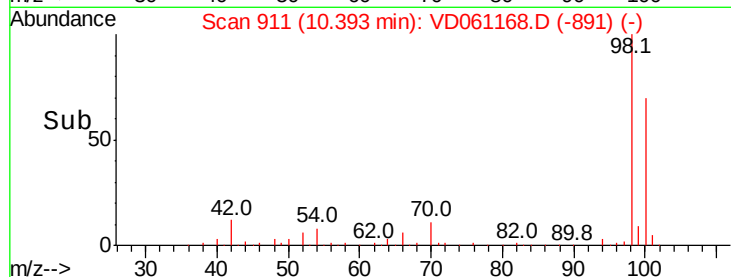
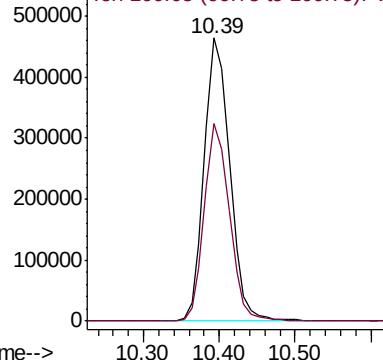
Ion Ratio Lower Upper

98 100

100 69.6 57.4 86.2



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061168.D

Acq: 19 Mar 2019 3:38

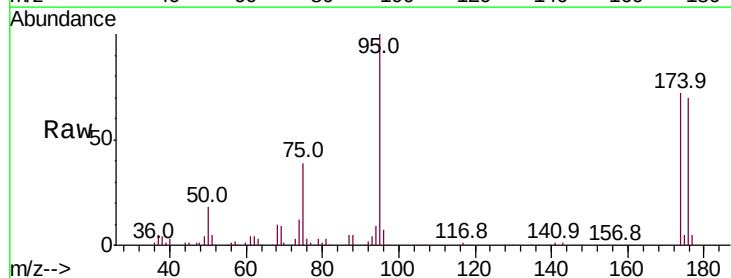
Tgt Ion: 95 Resp: 439220

Ion Ratio Lower Upper

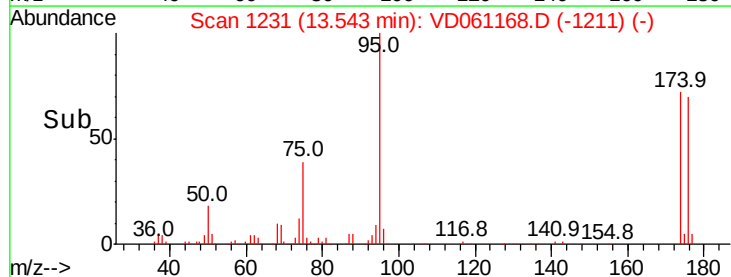
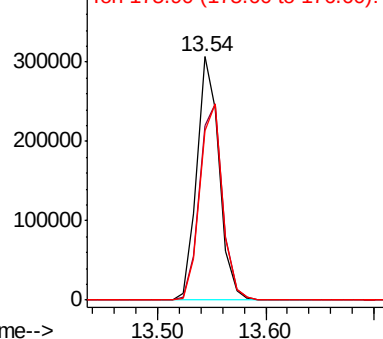
95 100

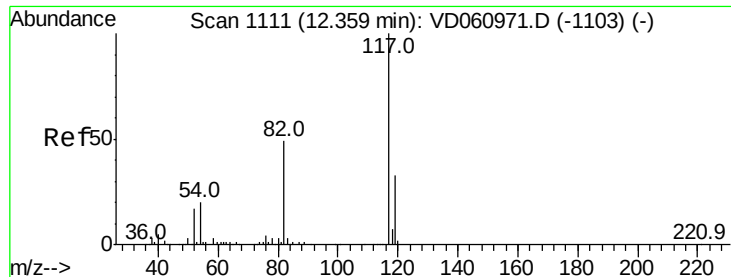
174 71.6 0.0 155.6

176 69.7 0.0 153.8



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

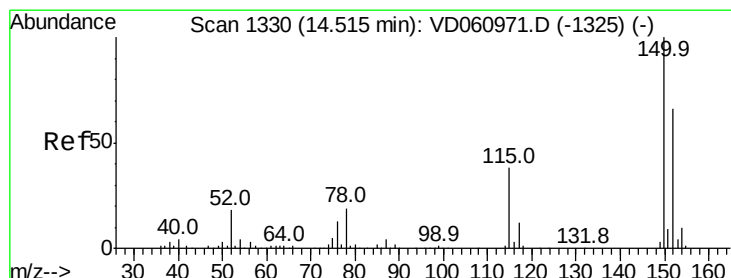
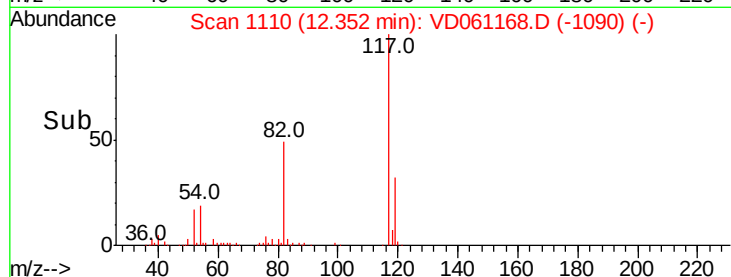
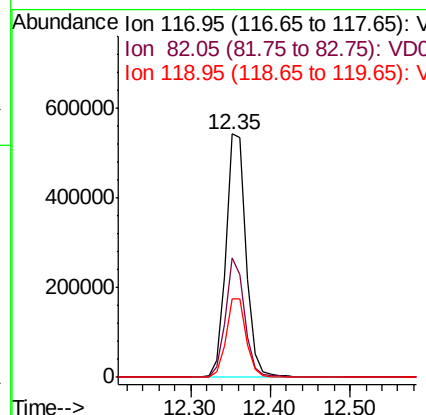
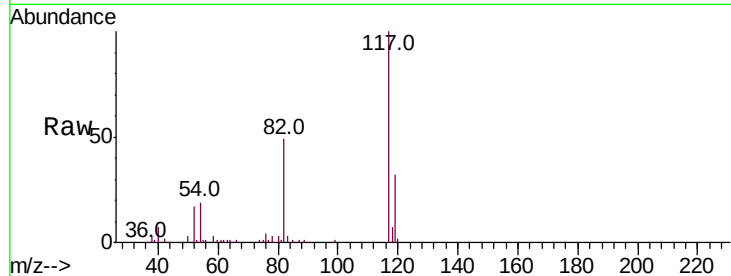




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061168.D
Acq: 19 Mar 2019 3:38

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tot Ion:117 Resp: 973742
Ion Ratio Lower Upper
117 100
82 49.1 38.9 58.3
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061168.D
Acq: 19 Mar 2019 3:38

Tgt Ion:152 Resp: 453539
Ion Ratio Lower Upper
152 100
115 58.5 28.6 85.9
150 156.4 0.0 310.6

