

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061164.D
 Acq On : 19 Mar 2019 1:46
 Operator : VA/AP
 Sample : K1930-01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 19 04:50:22 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	7.03	168	668868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1137502	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	918979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	336229	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	288607	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	6.91	113	470237	55.70	ug/l	0.00
Spiked Amount			Recovery	=	111.40%	
50) Toluene-d8	10.40	98	1037891	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	13.55	95	324817	39.49	ug/l	0.00
Spiked Amount			Recovery	=	78.98%	

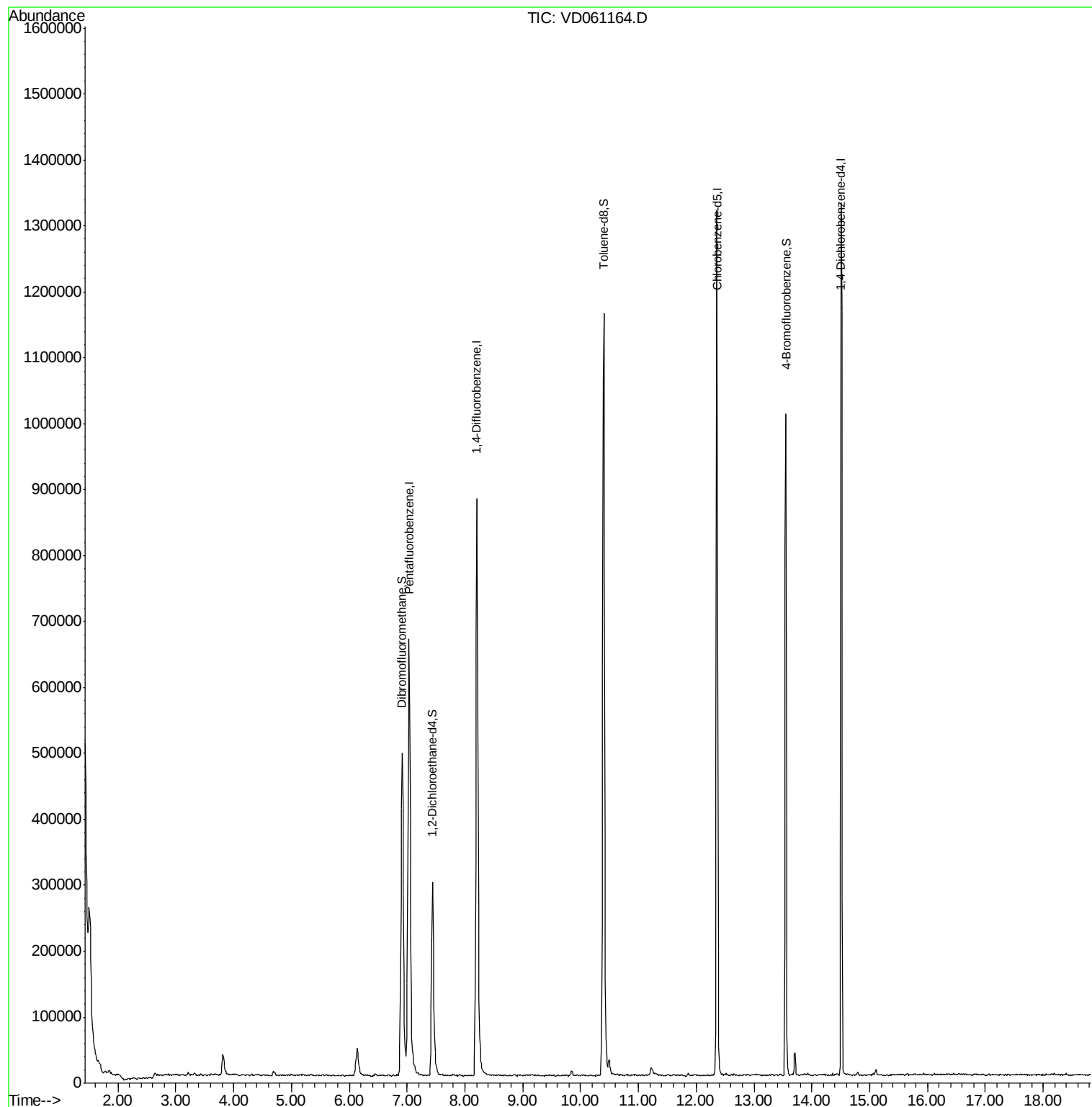
Target Compounds	Qvalue
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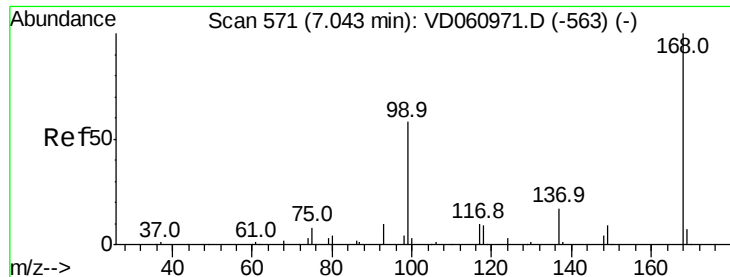
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061164.D

Acq: 19 Mar 2019 1:46

Instrument :

MSVOA_D

ClientSampleId :

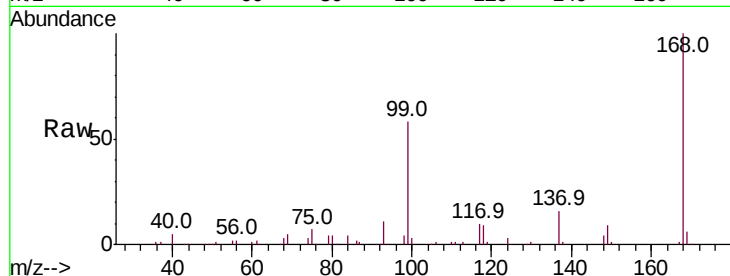
TP-3

Tot Ion:168 Resp: 668868

Ion Ratio Lower Upper

168 100

99 58.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

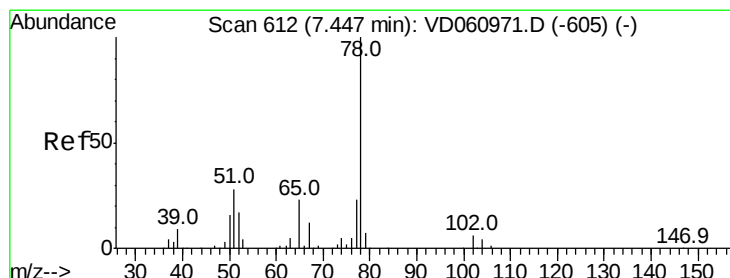
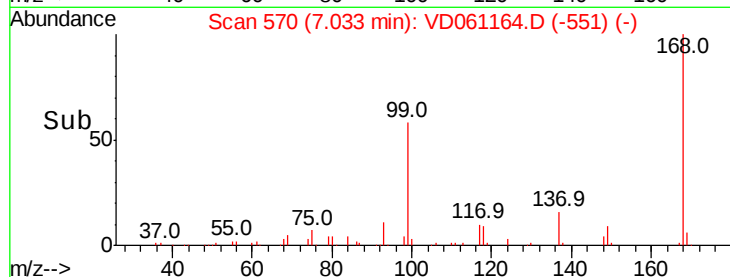
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061164.D

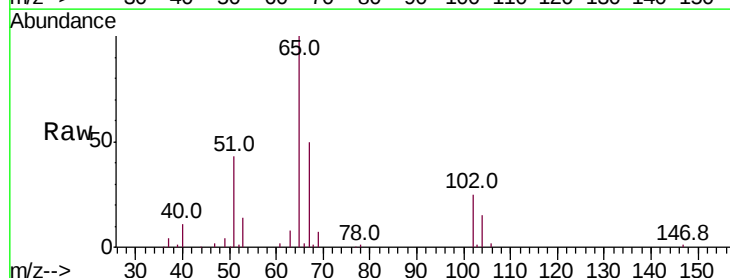
Acq: 19 Mar 2019 1:46

Tgt Ion: 65 Resp: 288607

Ion Ratio Lower Upper

65 100

67 50.2 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

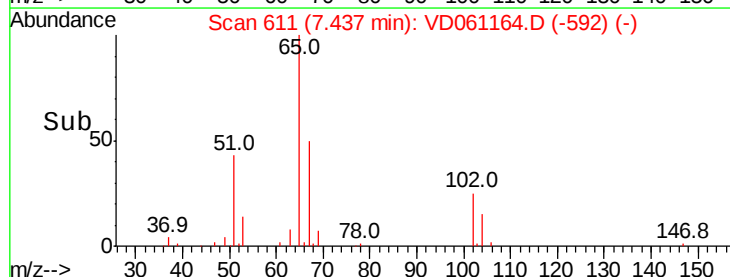
60000

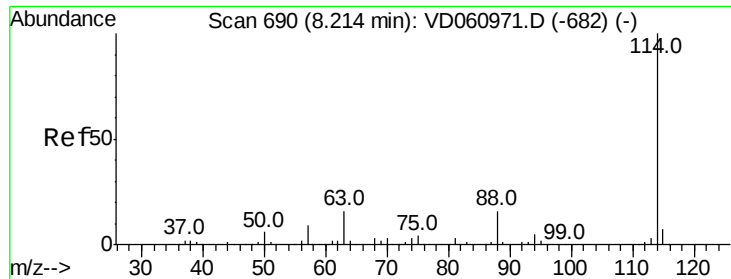
40000

20000

0

Time-->

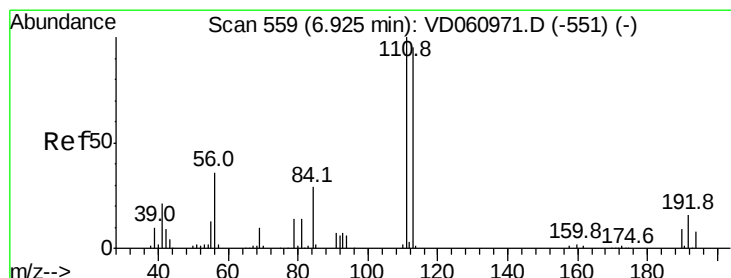
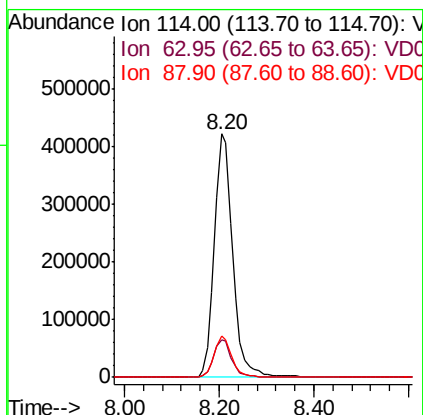
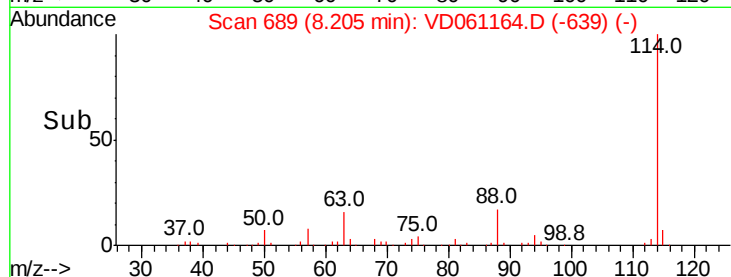
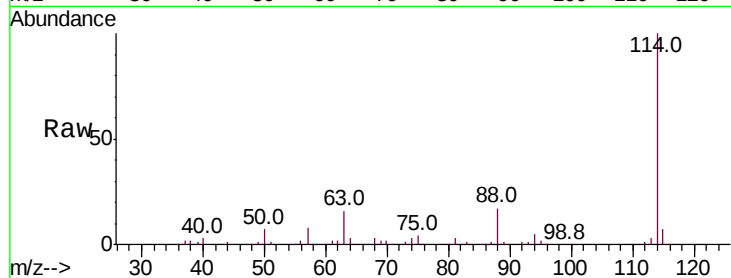




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061164.D
 Acq: 19 Mar 2019 1:46

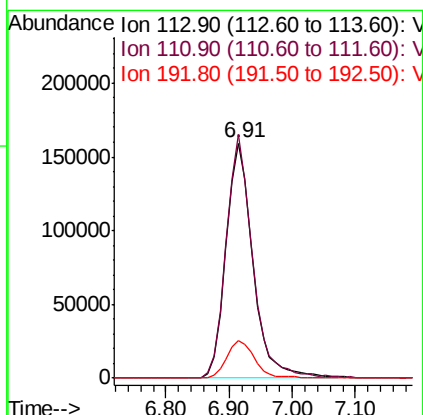
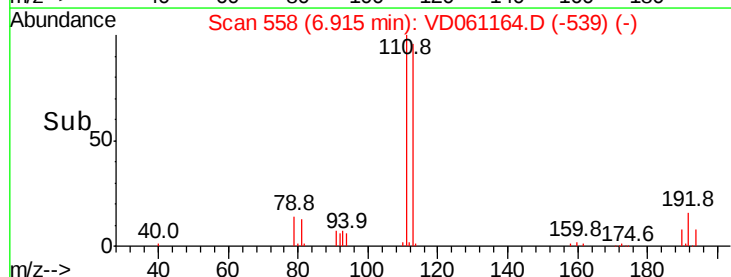
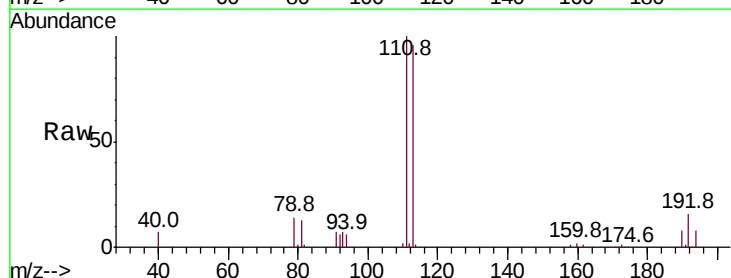
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

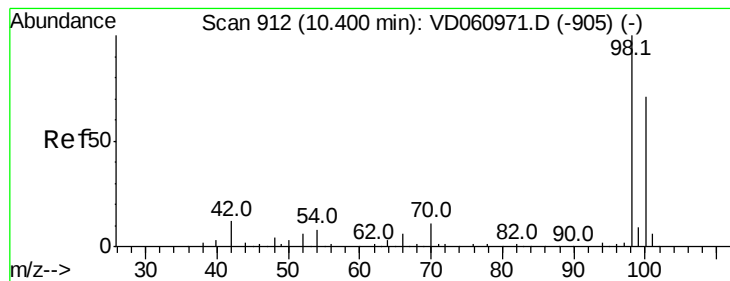
Tot Ion:114 Resp: 1137502
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061164.D
 Acq: 19 Mar 2019 1:46

Tgt Ion:113 Resp: 470237
 Ion Ratio Lower Upper
 113 100
 111 103.7 84.2 126.4
 192 16.2 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061164.D

Acq: 19 Mar 2019 1:46

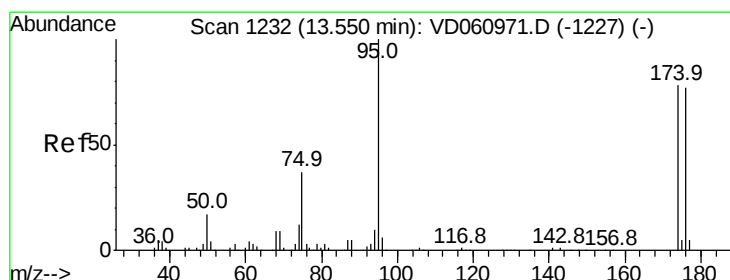
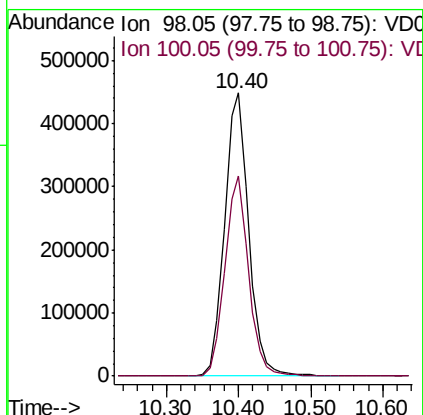
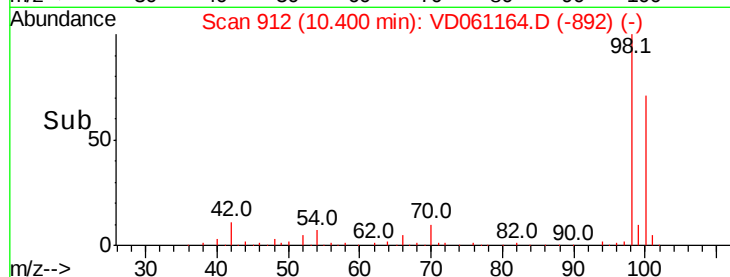
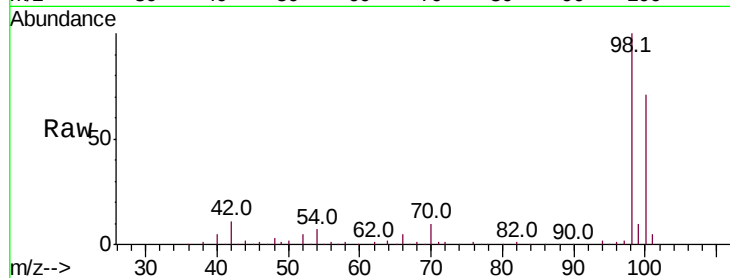
Instrument :
MSVOA_D
ClientSampled :
TP-3

Tot Ion: 98 Resp: 1037891

Ion Ratio Lower Upper

98 100

100 70.9 57.4 86.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061164.D

Acq: 19 Mar 2019 1:46

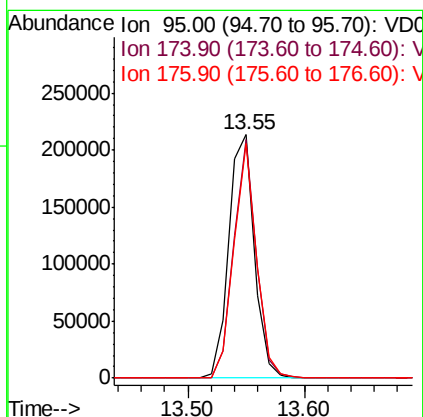
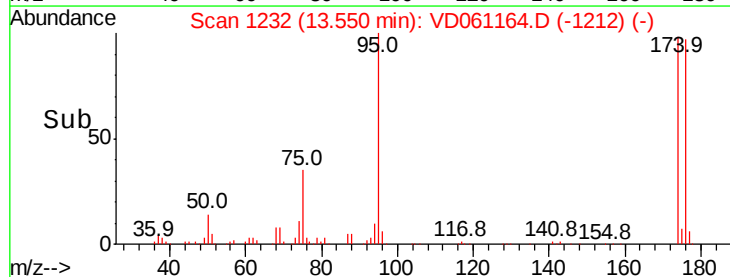
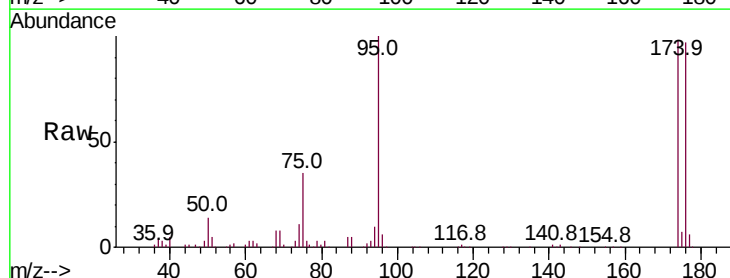
Tgt Ion: 95 Resp: 324817

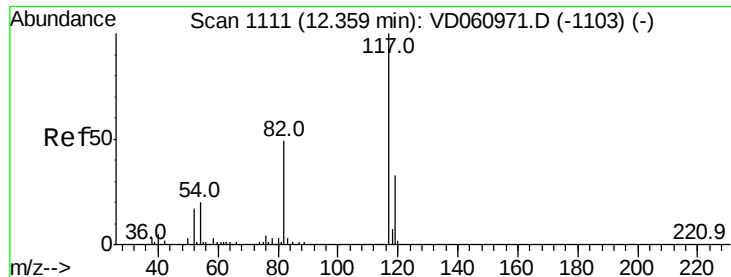
Ion Ratio Lower Upper

95 100

174 97.9 0.0 155.6

176 96.6 0.0 153.8

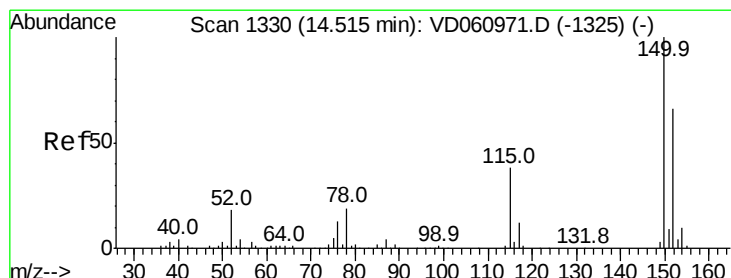
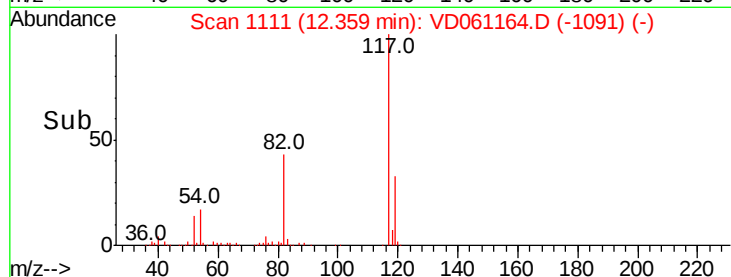
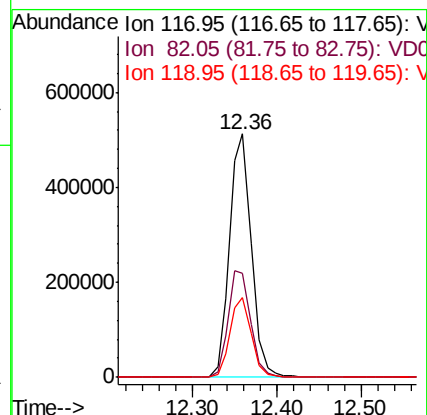
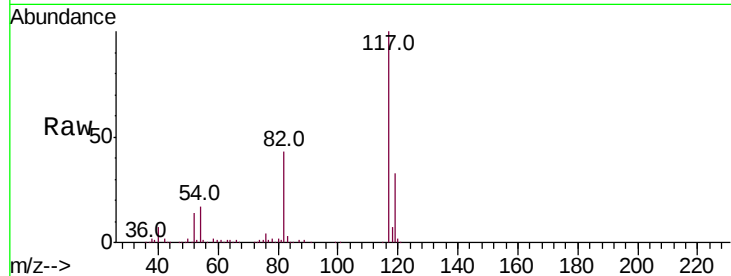




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061164.D
Acq: 19 Mar 2019 1:46

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 918979
Ion Ratio Lower Upper
117 100
82 42.7 38.9 58.3
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061164.D
Acq: 19 Mar 2019 1:46

Tgt Ion:152 Resp: 336229
Ion Ratio Lower Upper
152 100
115 50.1 28.6 85.9
150 154.8 0.0 310.6

