

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064418.D
 Acq On : 04 Dec 2019 15:50
 Operator : VA/SY
 Sample : K6119-08RE
 Misc : 4.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-(8-10)RE

Quant Time: Dec 05 06:24:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	180	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.87	114	320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	55	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.52	65	61	37.44	ug/l	0.18
Spiked Amount						
			Recovery	=	74.88%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
50) Toluene-d8	10.34	98	396	52.14	ug/l	0.00
Spiked Amount						
			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	

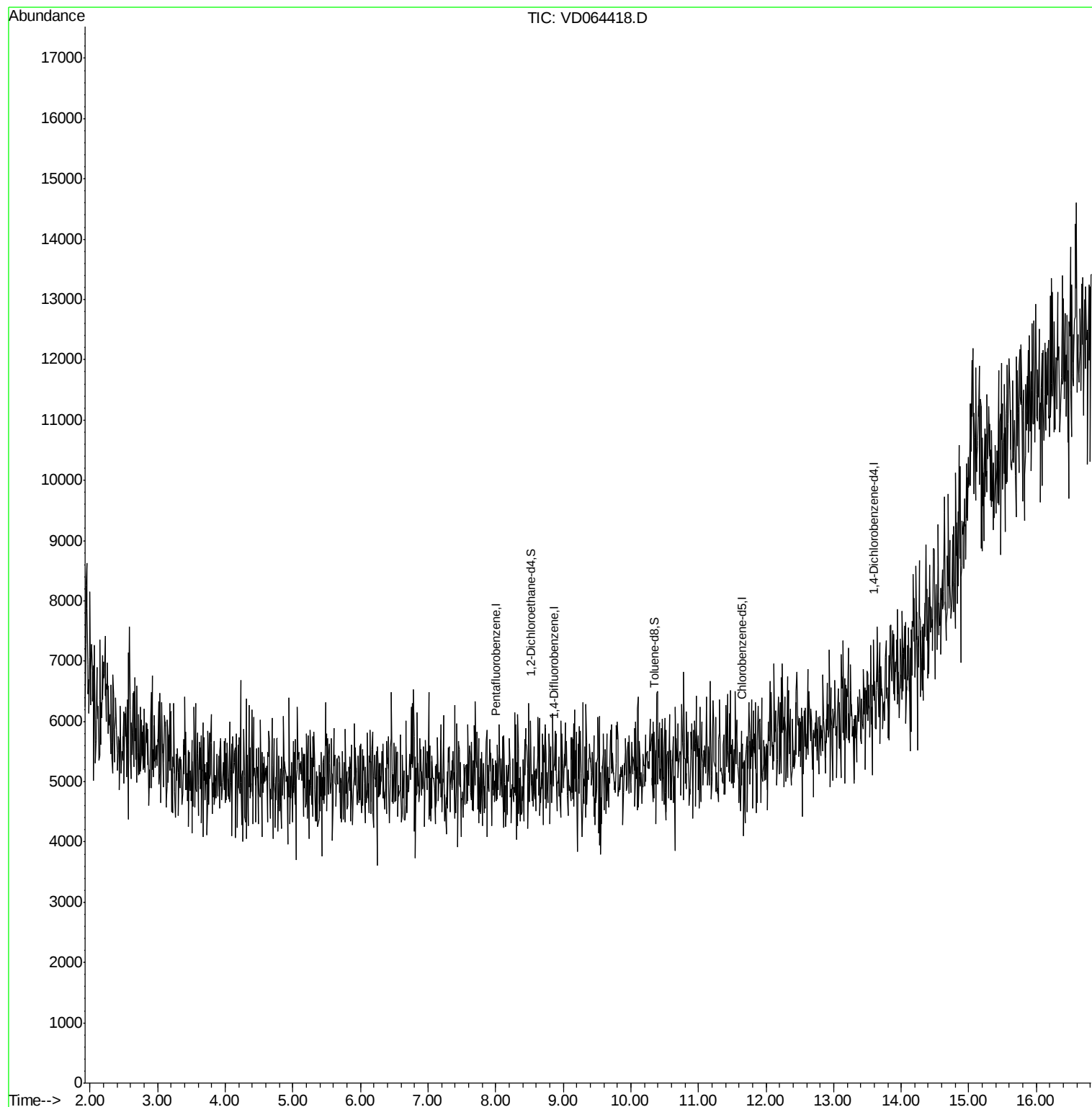
Target Compounds	Qvalue
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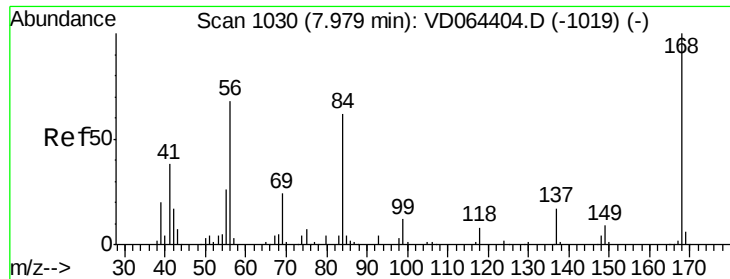
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.00 min Scan# 1033

Delta R.T. 0.02 min

Lab File: VD064418.D

Acq: 04 Dec 2019 15:50

Instrument :

MSVOA_D

ClientSampleId :

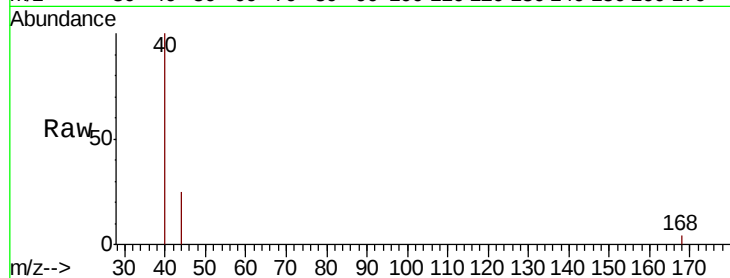
SB-5-(8-10)RE

Tot Ion:168 Resp: 180

Ion Ratio Lower Upper

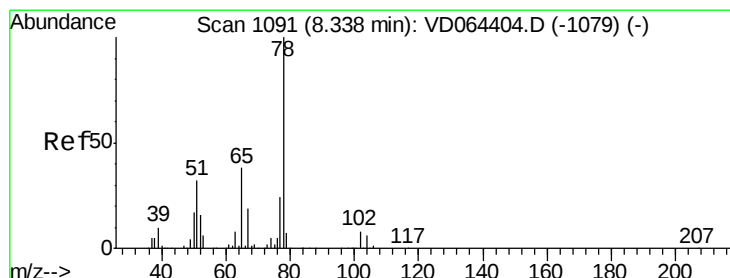
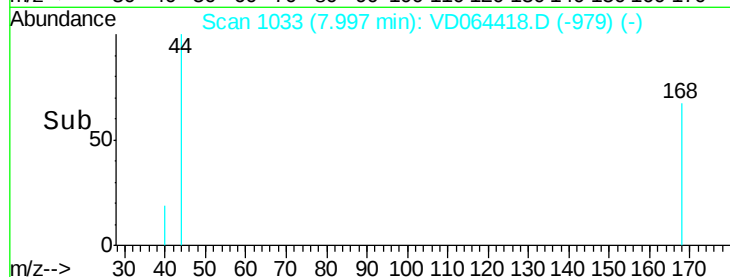
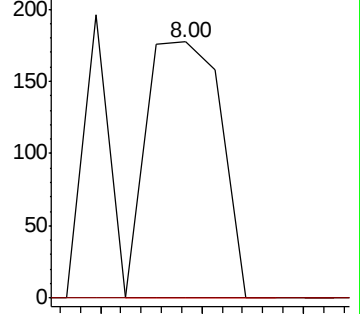
168 100

99 0.0 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 37.440 ug/l

RT: 8.52 min Scan# 1122

Delta R.T. 0.18 min

Lab File: VD064418.D

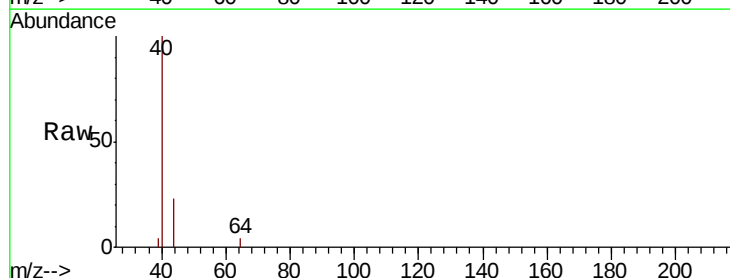
Acq: 04 Dec 2019 15:50

Tgt Ion: 65 Resp: 61

Ion Ratio Lower Upper

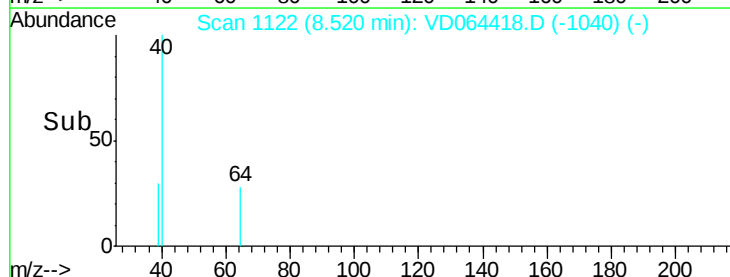
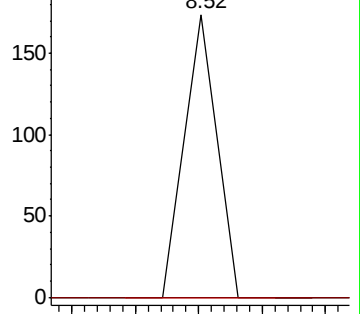
65 100

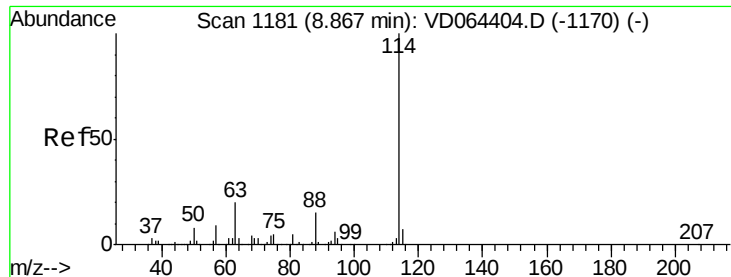
67 0.0 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

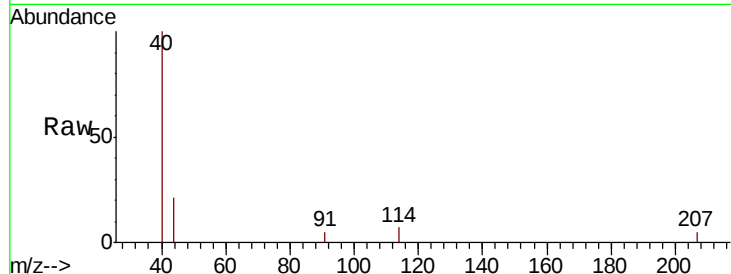




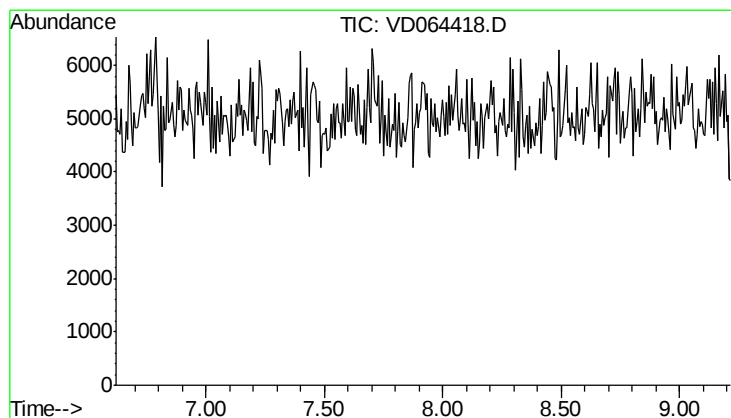
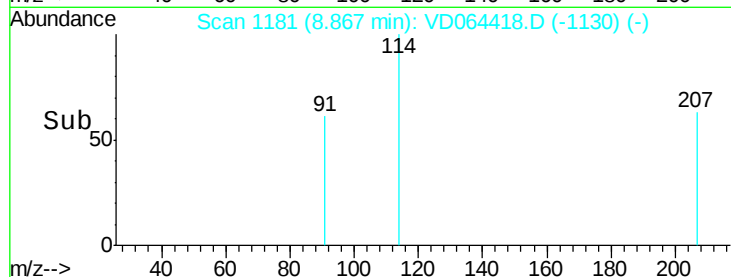
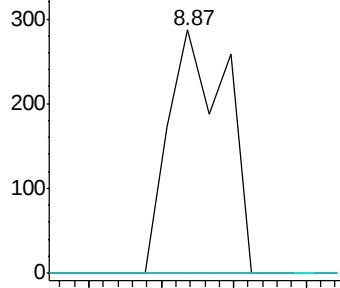
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064418.D
 Acq: 04 Dec 2019 15:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5-(8-10)RE

Tot Ion:114 Resp: 320
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 40.0
 88 0.0 0.0 29.2



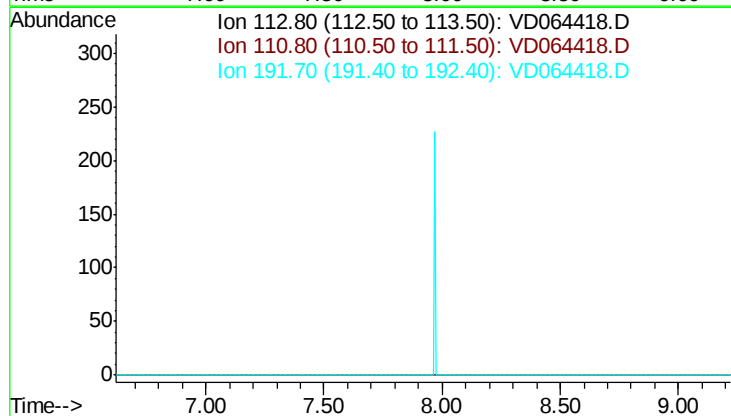
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.92 min

Lab File: VD064418.D
 Acq: 04 Dec 2019 15:50

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 99.3
 192 23.3





#50

Toluene-d8

Concen: 52.142 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064418.D

Acq: 04 Dec 2019 15:50

Instrument :

MSVOA_D

ClientSampleId :

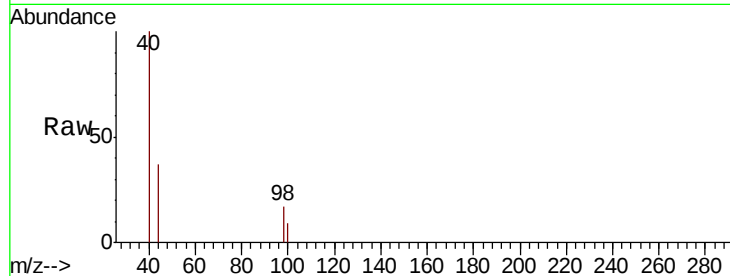
SB-5-(8-10)RE

Tot Ion: 98 Resp: 396

Ion Ratio Lower Upper

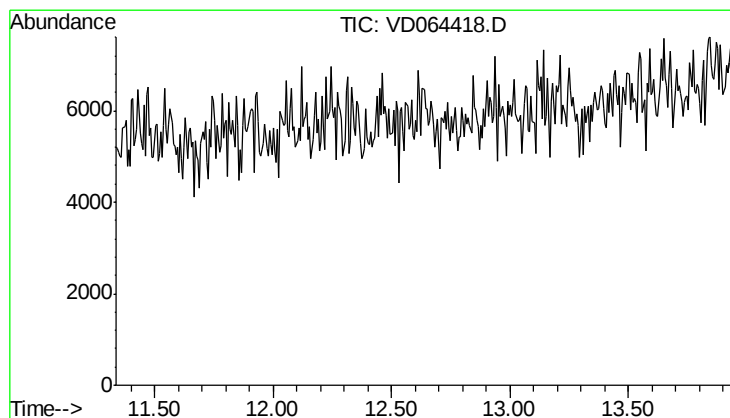
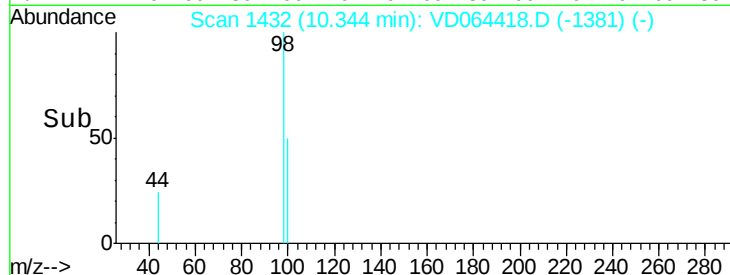
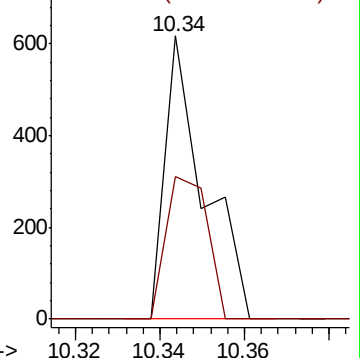
98 100

100 53.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD064418.D

Ion 100.00 (99.70 to 100.70): VD064418.D



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.64 min

Lab File: VD064418.D

Acq: 04 Dec 2019 15:50

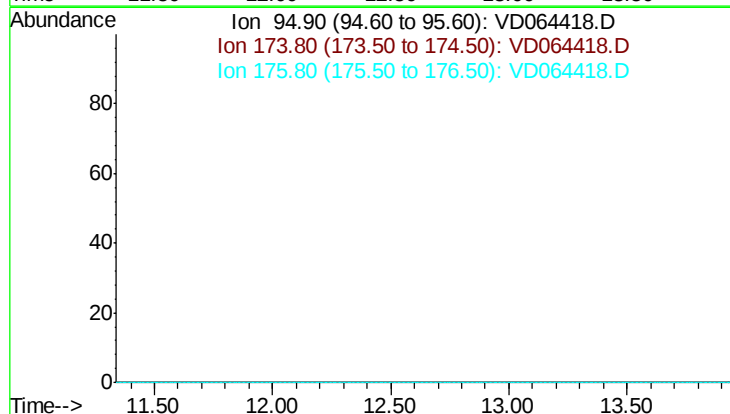
Tgt Ion: 95

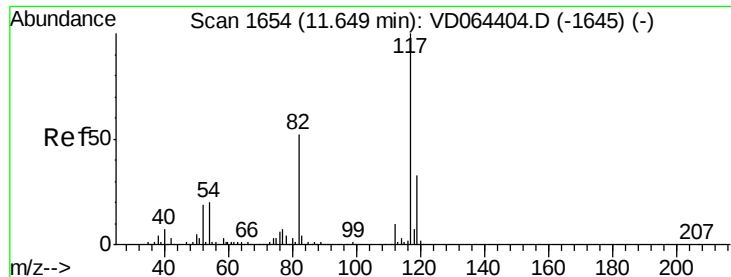
Sig Exp Ratio

95 100

174 98.6

176 94.8

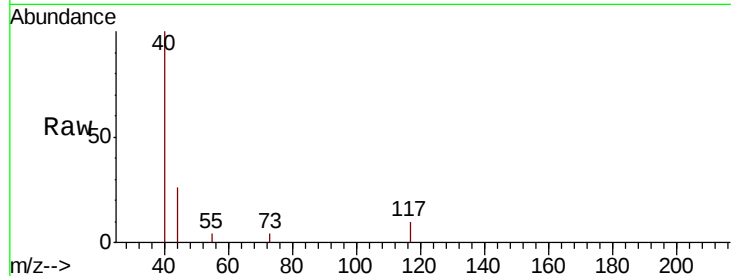




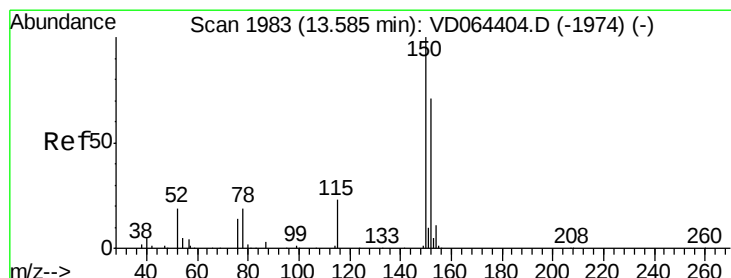
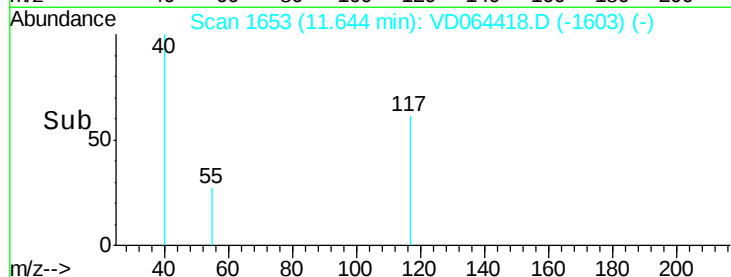
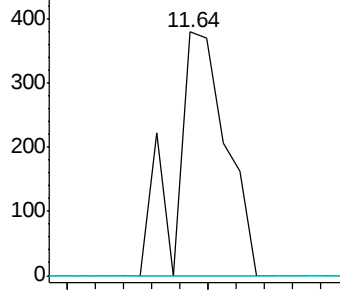
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064418.D
Acq: 04 Dec 2019 15:50

Instrument :
MSVOA_D
ClientSampleId :
SB-5-(8-10)RE

Tot Ion:117 Resp: 473
Ion Ratio Lower Upper
117 100
82 0.0 41.4 62.2#
119 0.0 26.2 39.2#

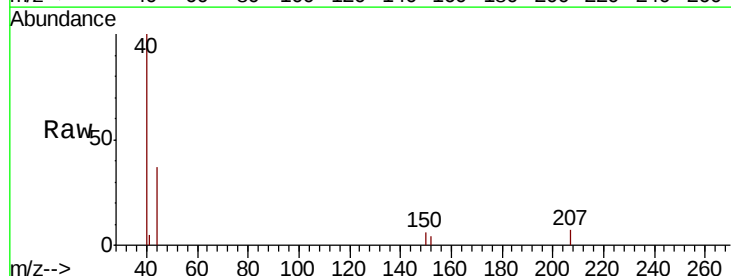


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064418.D
Acq: 04 Dec 2019 15:50

Tgt Ion:152 Resp: 55
Ion Ratio Lower Upper
152 100
115 0.0 26.7 80.1#
150 456.4 0.0 347.2#



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

