

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065642.D
 Acq On : 17 Apr 2020 13:53
 Operator : VA/SY
 Sample : VD0417SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBL01

Quant Time: Apr 20 07:15:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	229851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	338011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	111155	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	7.91	113	116696	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.34	98	423901	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.64	95	141454	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

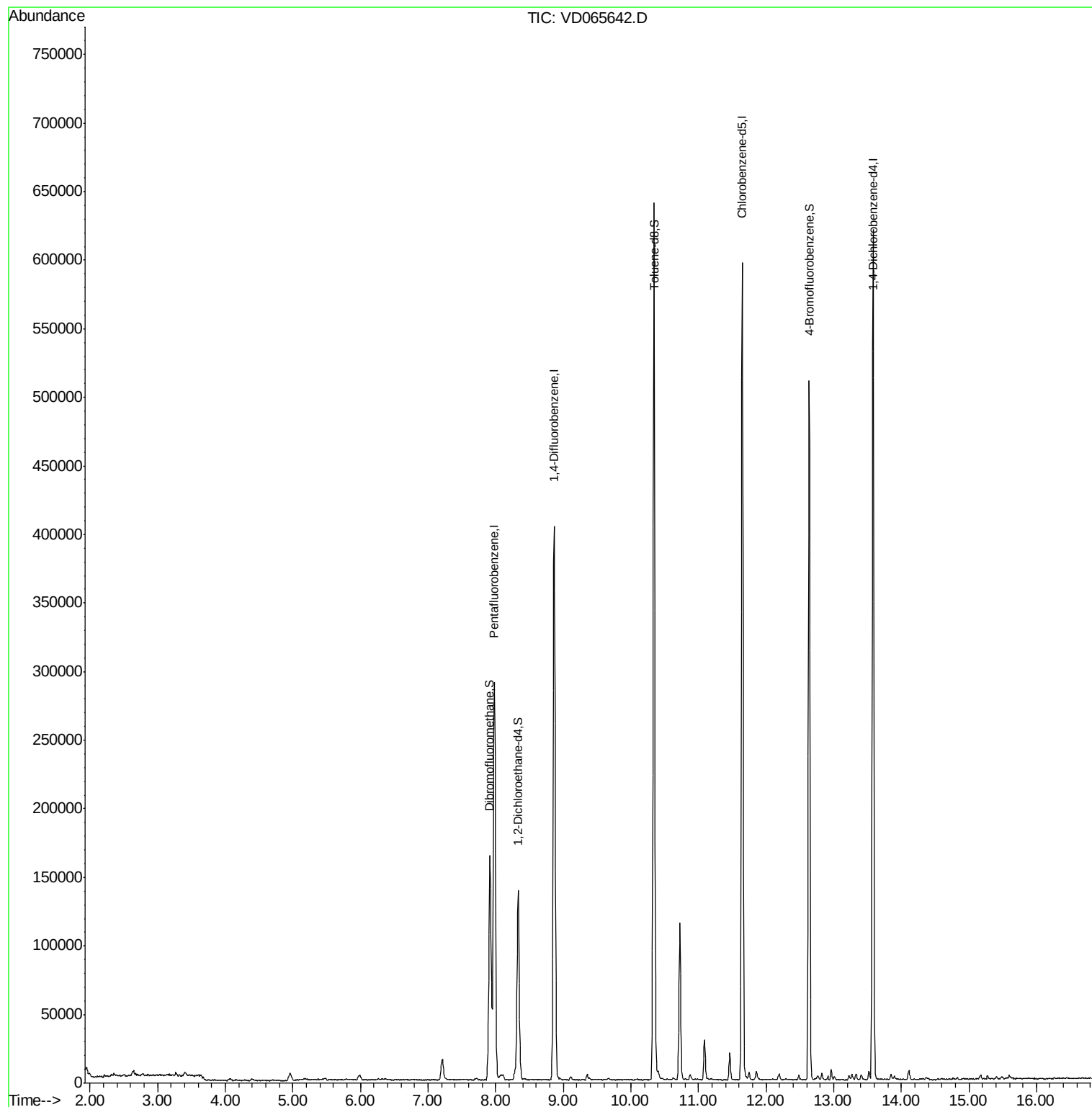
Target Compounds	Qvalue

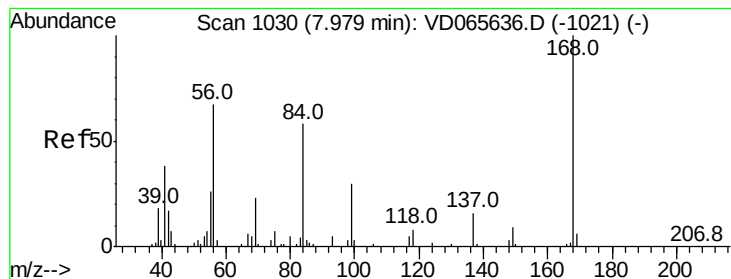
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 15 19:43:39 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

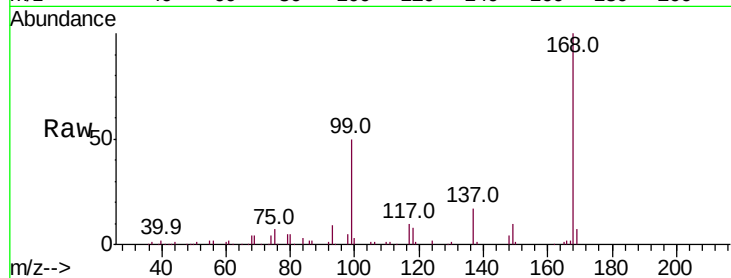
VD0417SBL01

Tot Ion:168 Resp: 229851

Ion Ratio Lower Upper

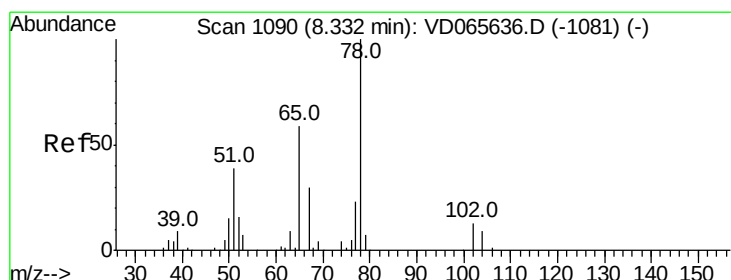
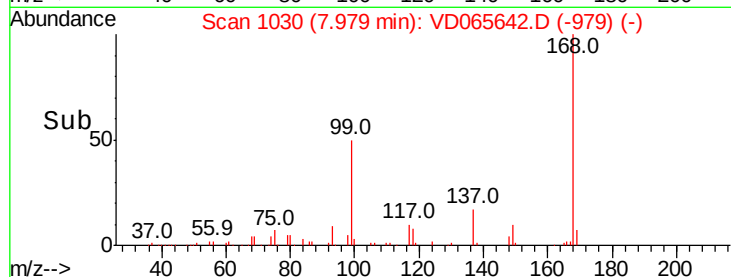
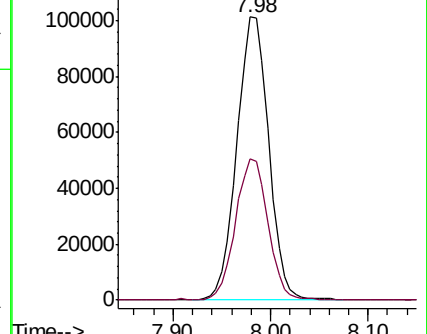
168 100

99 49.9 40.3 60.5



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: 56.848 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065642.D

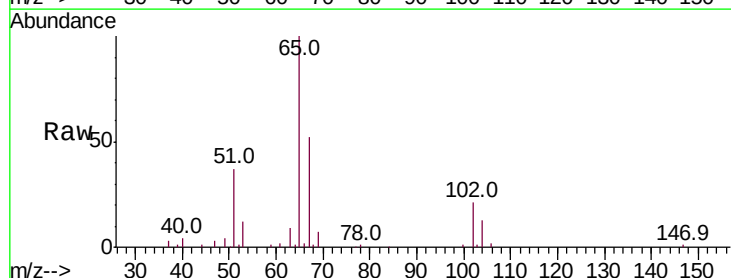
Acq: 17 Apr 2020 13:53

Tgt Ion: 65 Resp: 111155

Ion Ratio Lower Upper

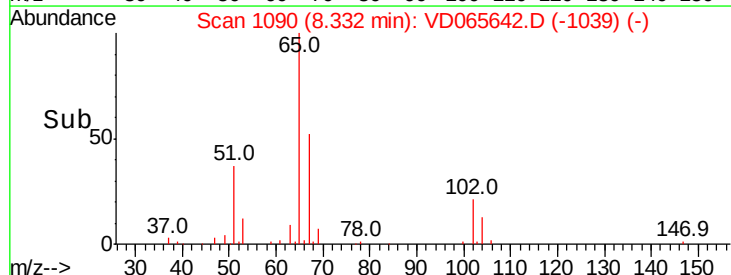
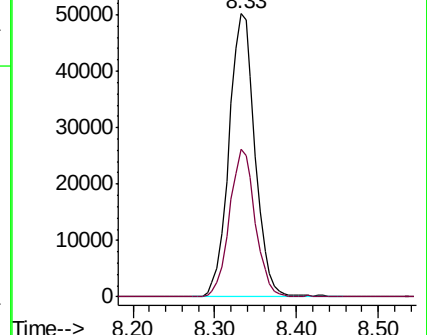
65 100

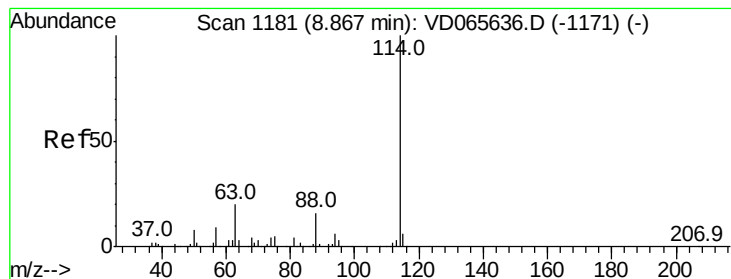
67 51.4 0.0 105.8



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: VD065642.D

Acq: 17 Apr 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

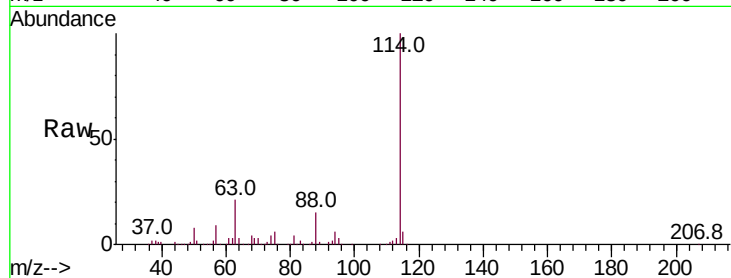
Tot Ion:114 Resp: 353368

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

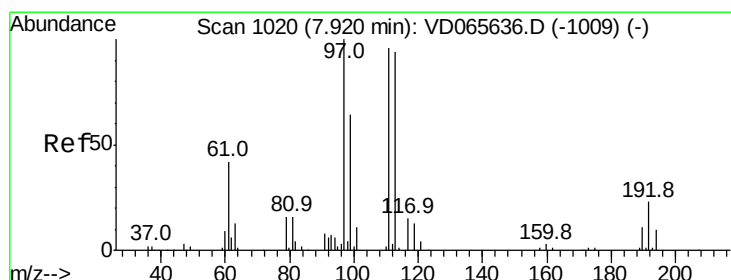
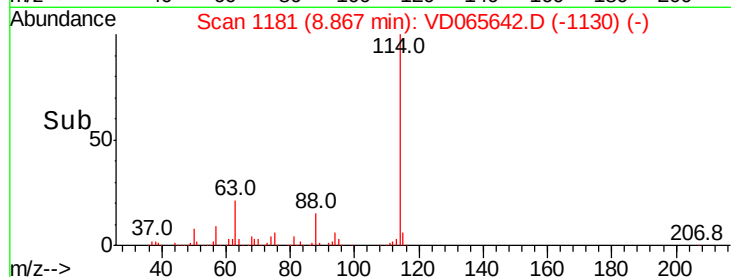
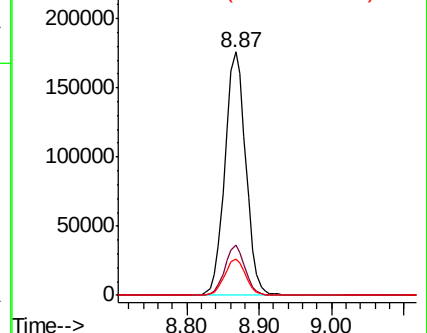
88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.061 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065642.D

Acq: 17 Apr 2020 13:53

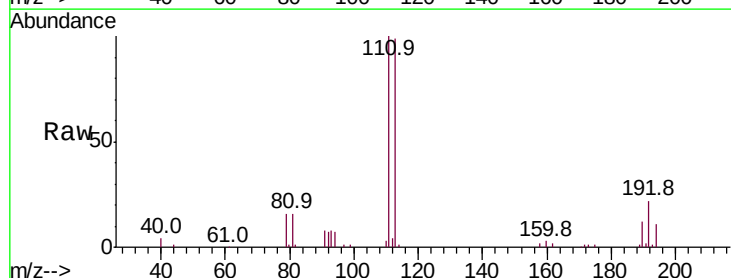
Tgt Ion:113 Resp: 116696

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

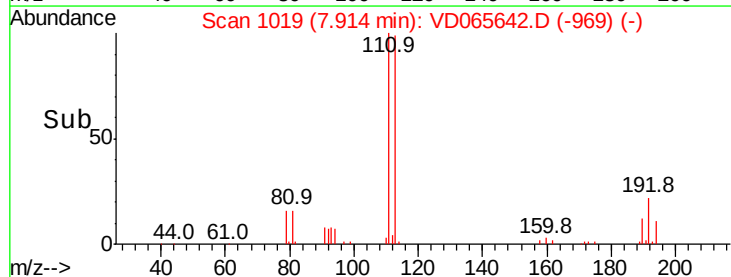
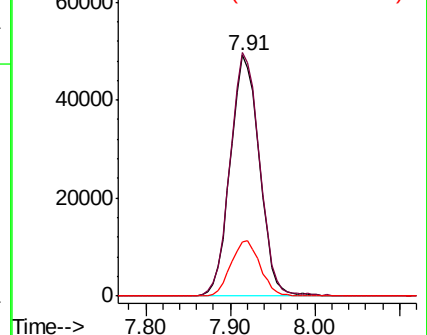
192 22.9 18.9 28.3

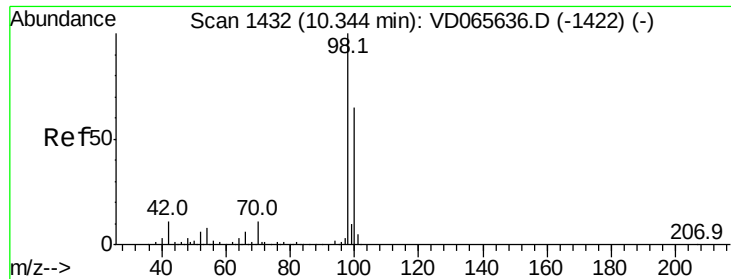


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.286 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065642.D

Acq: 17 Apr 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

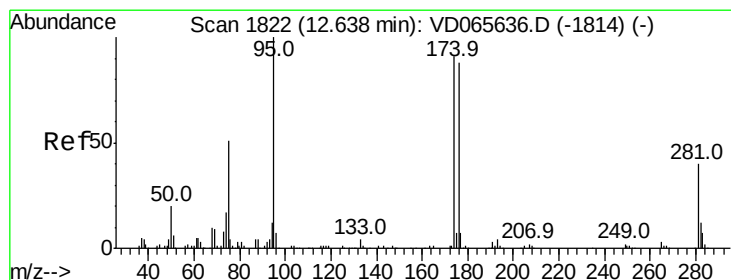
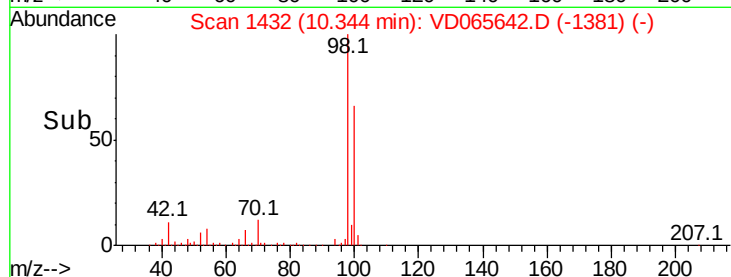
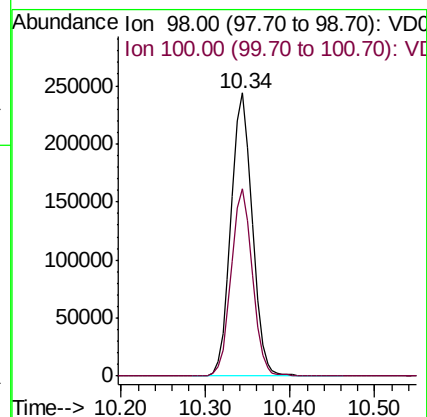
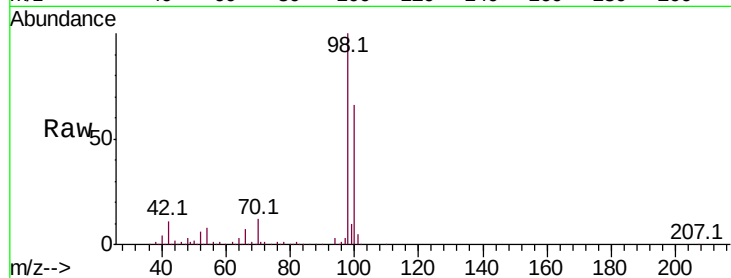
VD0417SBL01

Tot Ion: 98 Resp: 423901

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.436 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065642.D

Acq: 17 Apr 2020 13:53

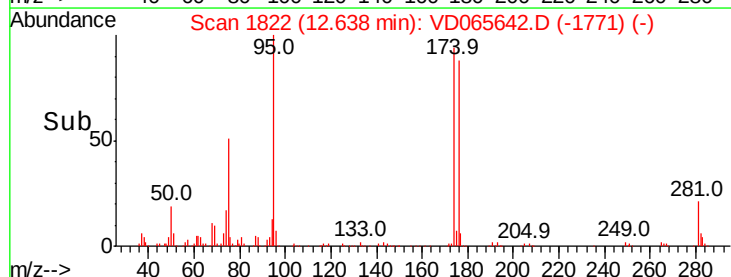
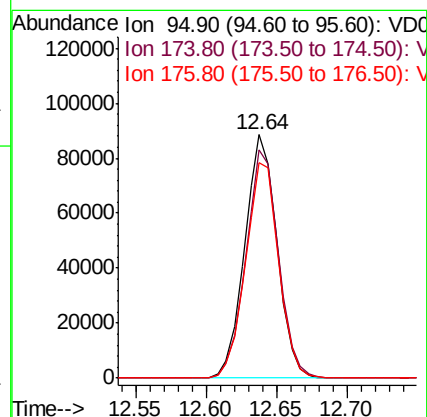
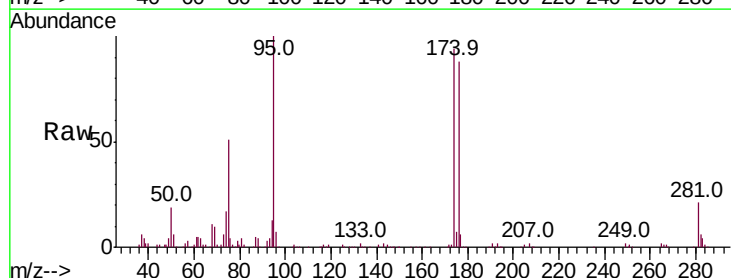
Tgt Ion: 95 Resp: 141454

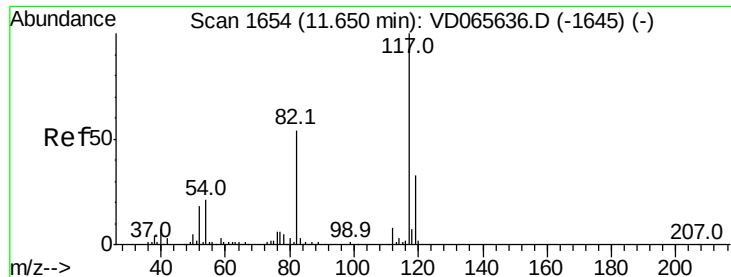
Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.8

176 90.9 0.0 181.4

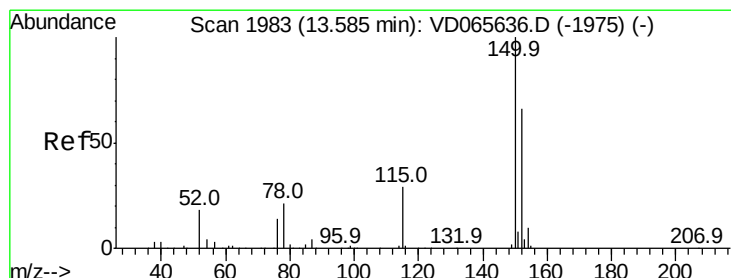
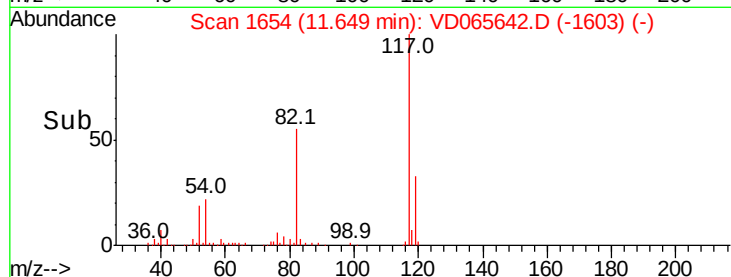
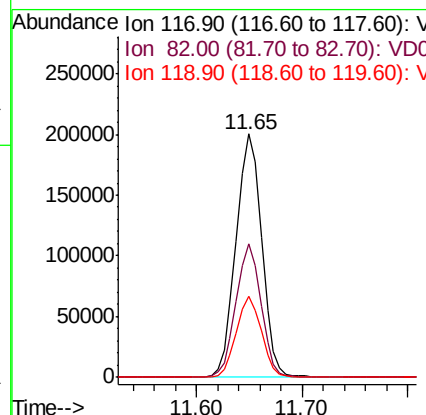
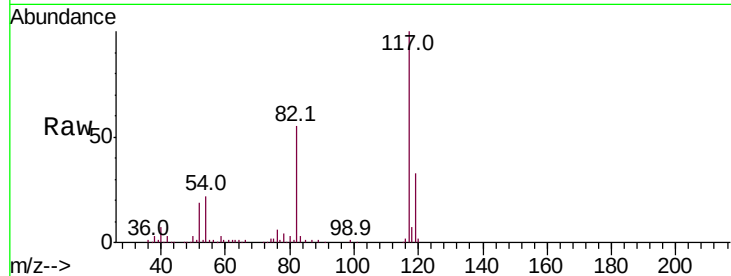




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Tot Ion:117 Resp: 338011
Ion Ratio Lower Upper
117 100
82 54.6 43.2 64.8
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion:152 Resp: 169680
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.7
150 157.0 0.0 346.0

