

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064658.D
 Acq On : 27 Dec 2019 23:26
 Operator : VA/SY
 Sample : VD1227SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL02

Quant Time: Dec 30 04:10:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	537206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	803056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	711174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246953	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.93	113	243616	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.34	98	957583	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.64	95	290640	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

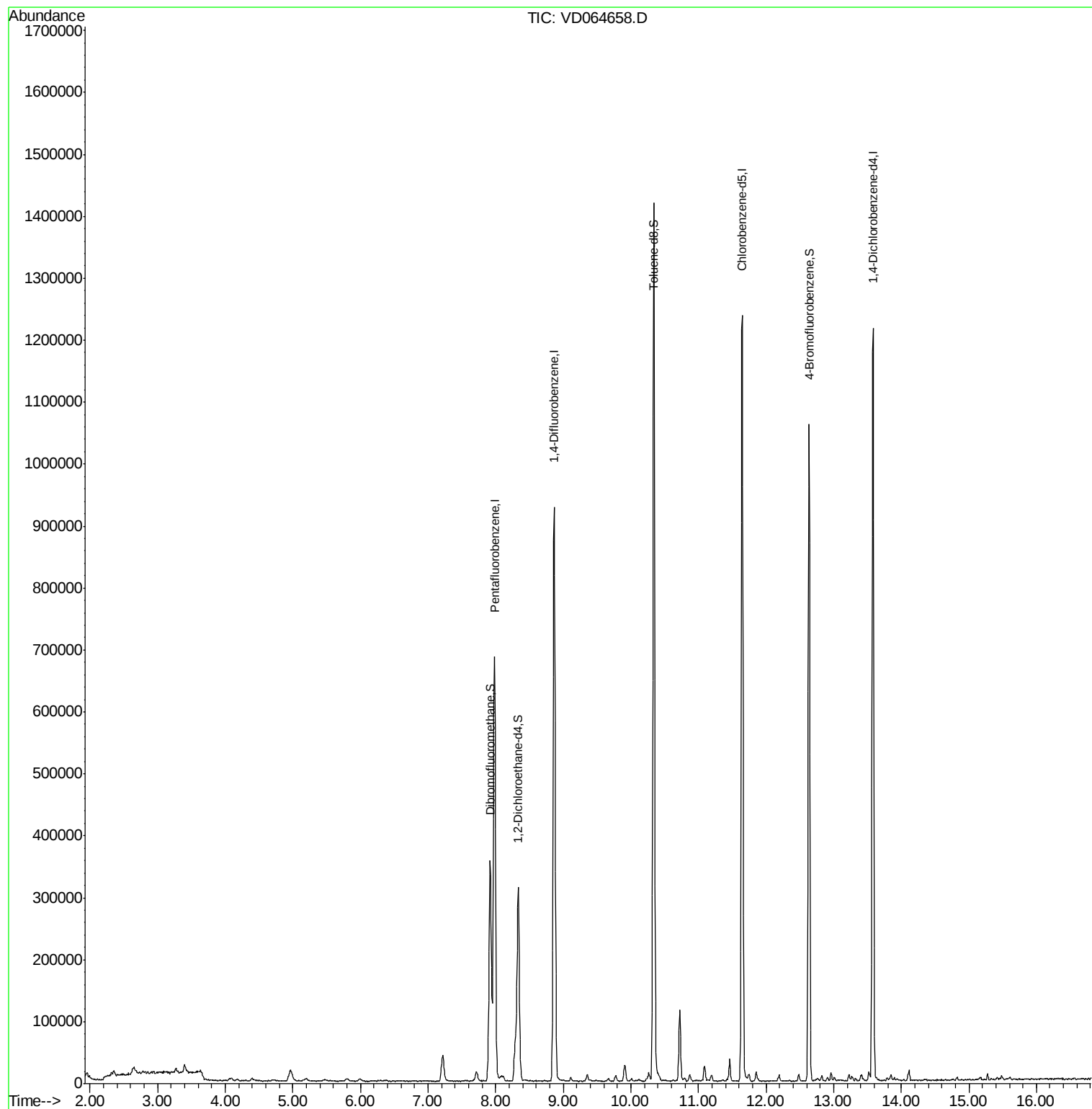
Target Compounds	Qvalue

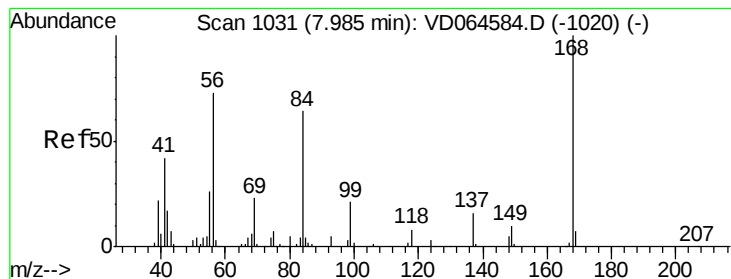
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064658.D

Acq: 27 Dec 2019 23:26

Instrument :

MSVOA_D

ClientSampleId :

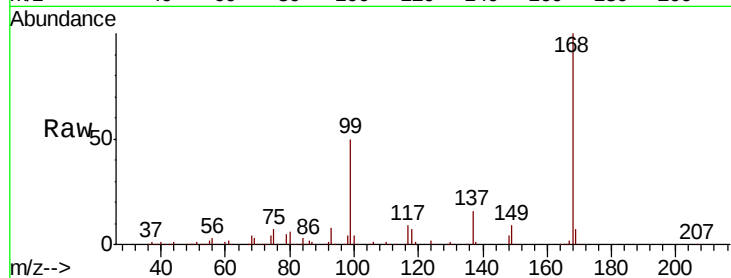
VD1227SBL02

Tot Ion:168 Resp: 537206

Ion Ratio Lower Upper

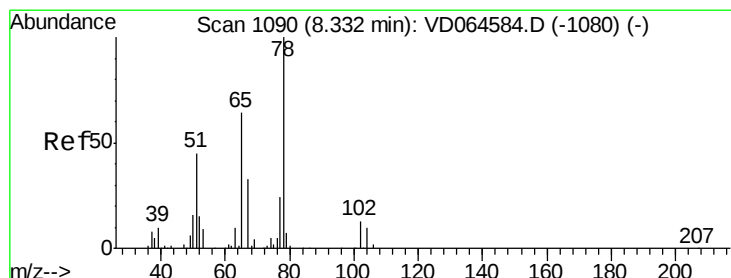
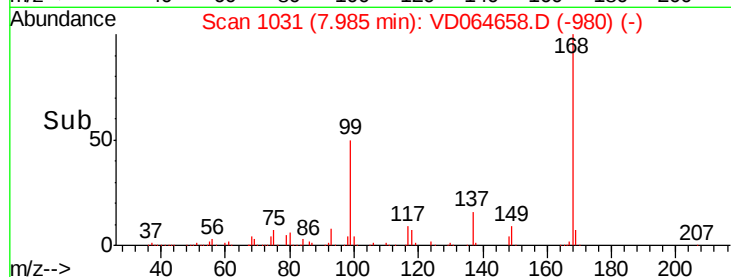
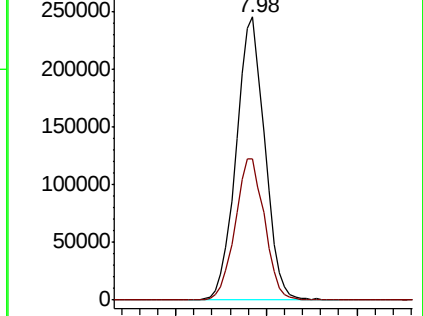
168 100

99 49.6 41.8 62.6



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: 52.133 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064658.D

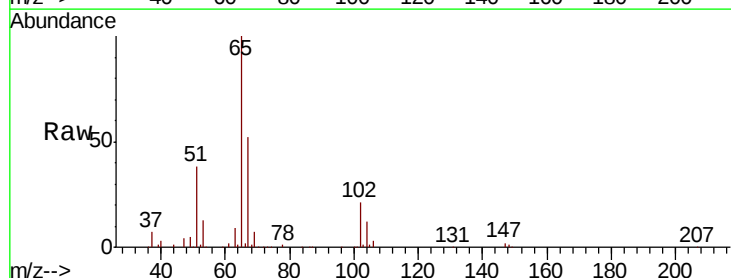
Acq: 27 Dec 2019 23:26

Tgt Ion: 65 Resp: 246953

Ion Ratio Lower Upper

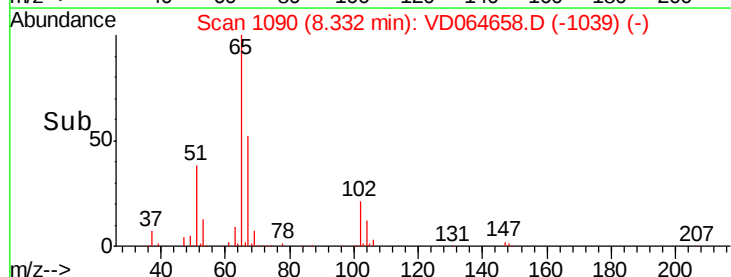
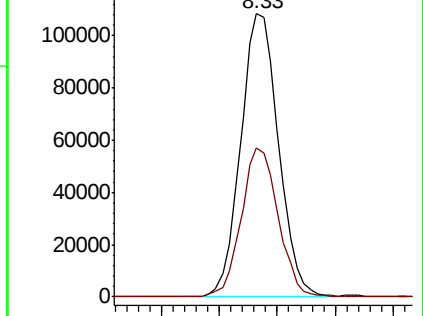
65 100

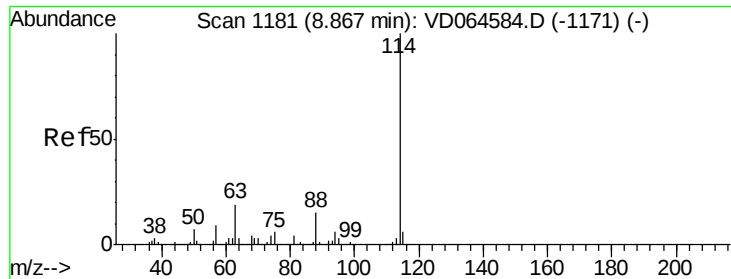
67 51.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

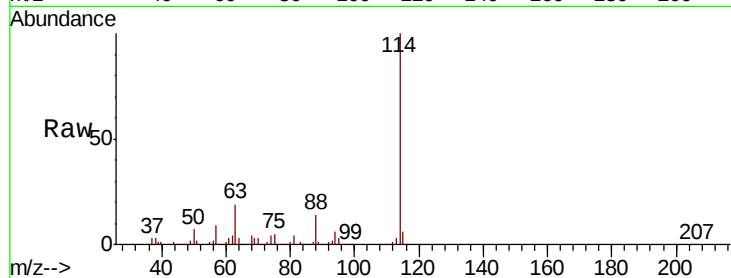




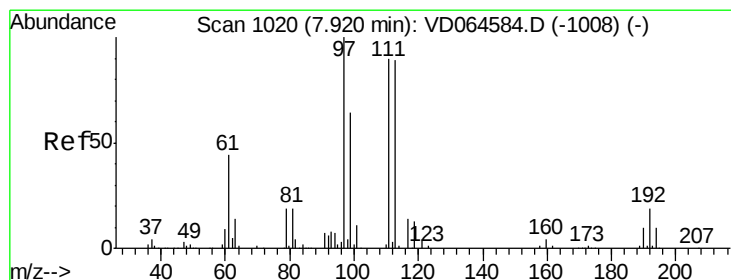
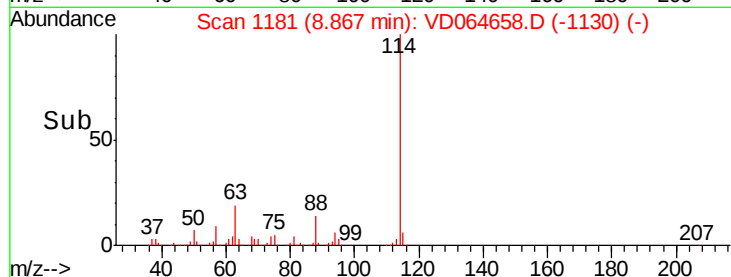
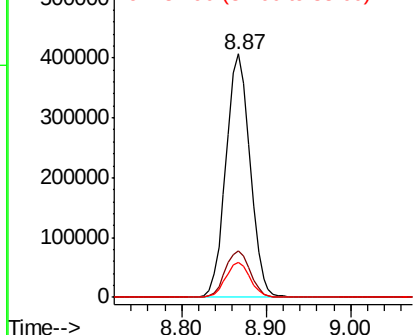
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064658.D
Acq: 27 Dec 2019 23:26

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL02

Tot Ion:114 Resp: 803056
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.0
88 14.2 0.0 29.2

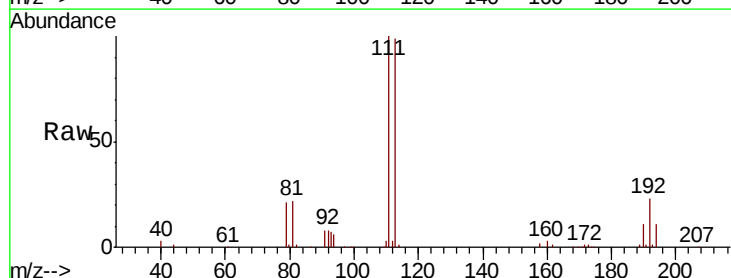


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

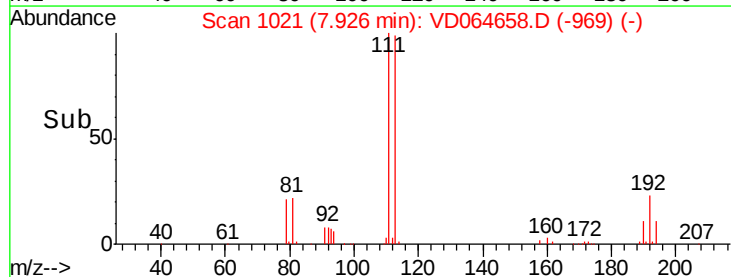
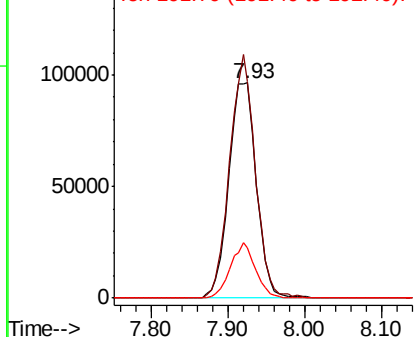


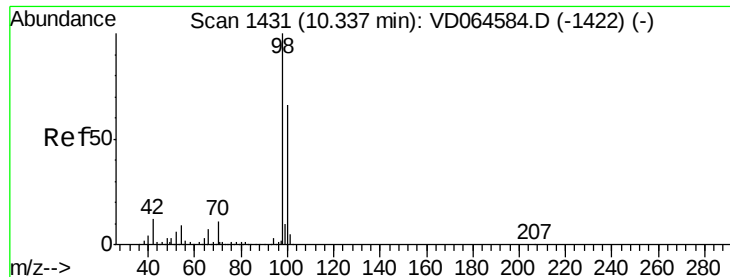
#35
Dibromofluoromethane
Concen: 49.446 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD064658.D
Acq: 27 Dec 2019 23:26

Tgt Ion:113 Resp: 243616
Ion Ratio Lower Upper
113 100
111 104.1 80.6 121.0
192 23.1 17.9 26.9



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: 50.748 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064658.D

Acq: 27 Dec 2019 23:26

Instrument :

MSVOA_D

ClientSampleId :

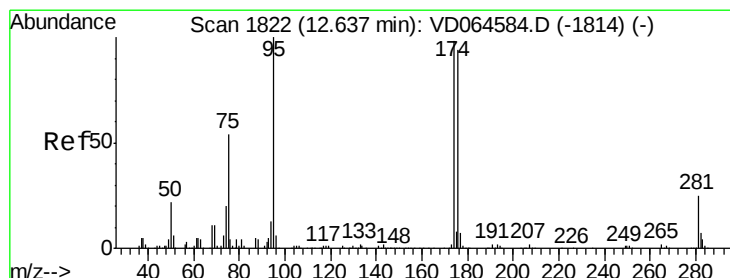
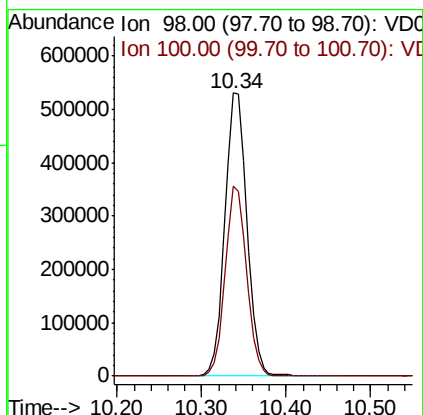
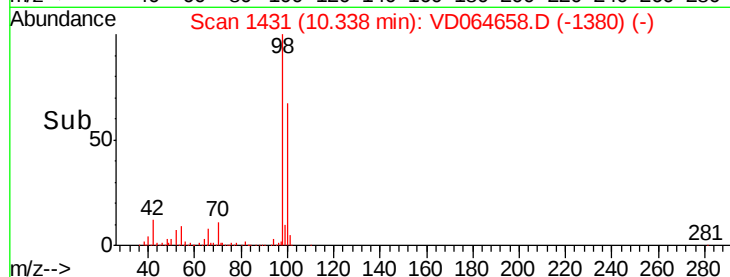
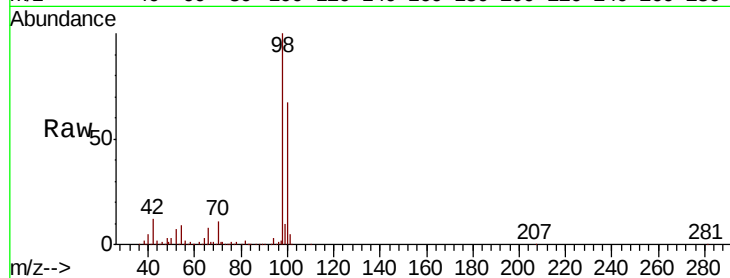
VD1227SBL02

Tot Ion: 98 Resp: 957583

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.710 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064658.D

Acq: 27 Dec 2019 23:26

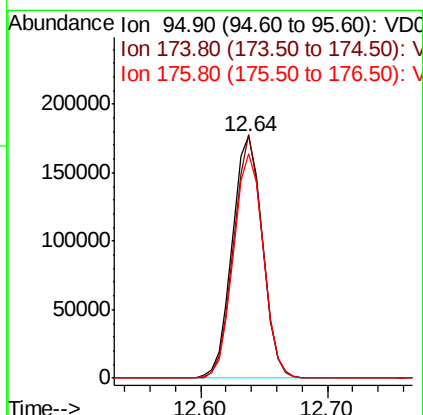
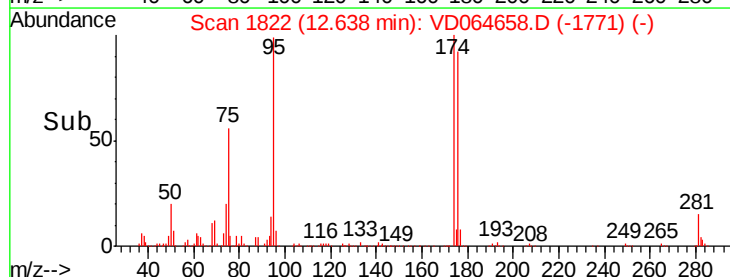
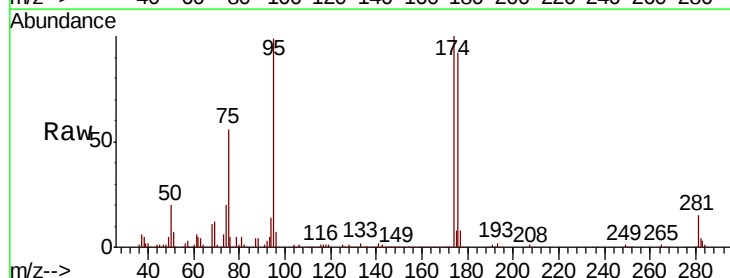
Tgt Ion: 95 Resp: 290640

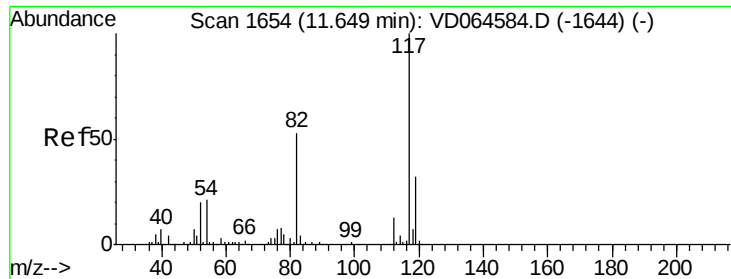
Ion Ratio Lower Upper

95 100

174 95.8 0.0 193.2

176 91.8 0.0 184.2

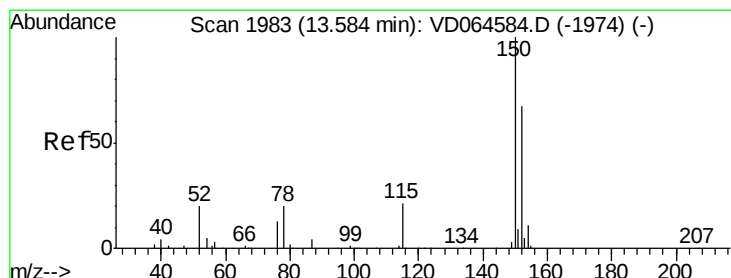
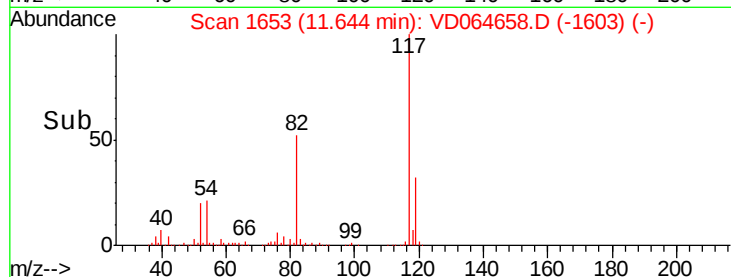
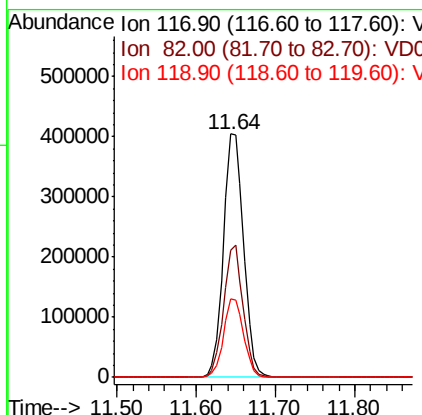
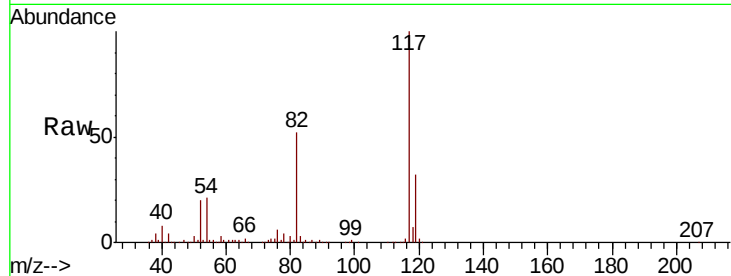




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064658.D
Acq: 27 Dec 2019 23:26

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL02

Tot Ion:117 Resp: 711174
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064658.D
Acq: 27 Dec 2019 23:26

Tgt Ion:152 Resp: 333423
Ion Ratio Lower Upper
152 100
115 53.0 27.8 83.4
150 155.1 0.0 351.4

