

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064672.D
 Acq On : 30 Dec 2019 12:11
 Operator : VA/SY
 Sample : VD1230SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBL01

Quant Time: Dec 31 07:32:37 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	563411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	837110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	729649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340330	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	259141	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.92	113	254653	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.34	98	1000182	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.64	95	301890	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

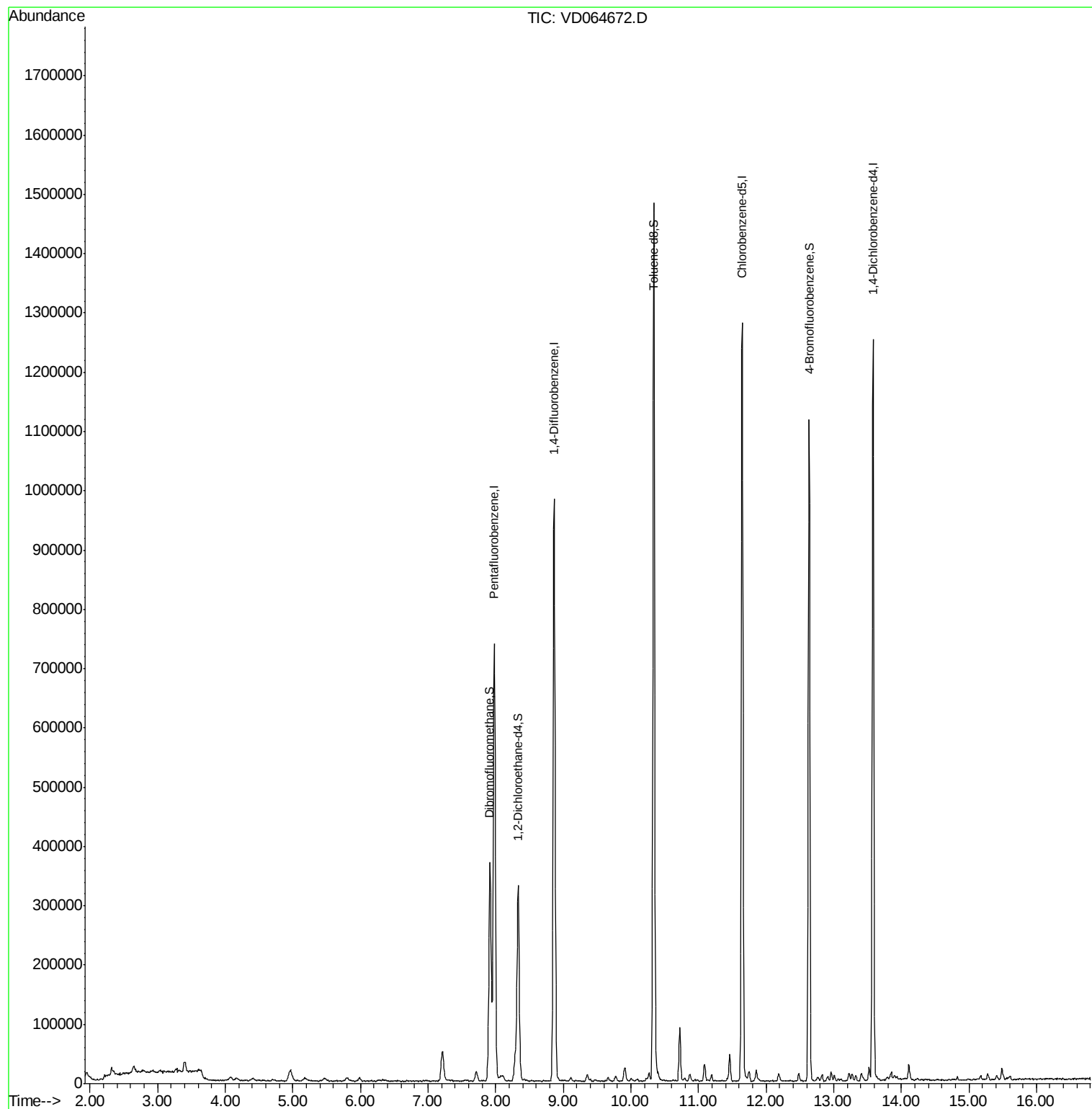
Target Compounds	Qvalue

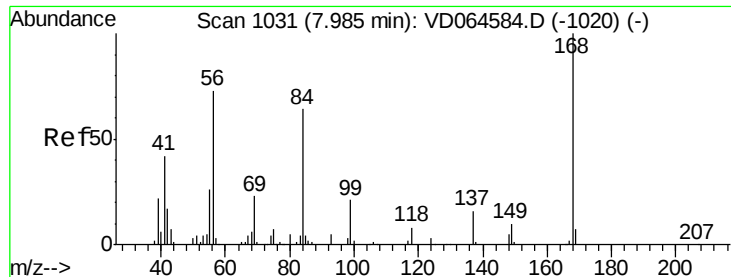
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064672.D

Acq: 30 Dec 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

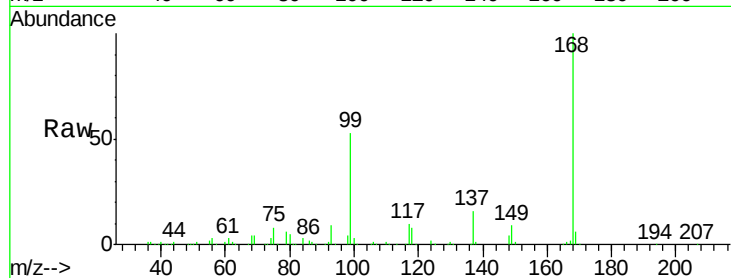
VD1230SBL01

Tot Ion:168 Resp: 563411

Ion Ratio Lower Upper

168 100

99 52.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

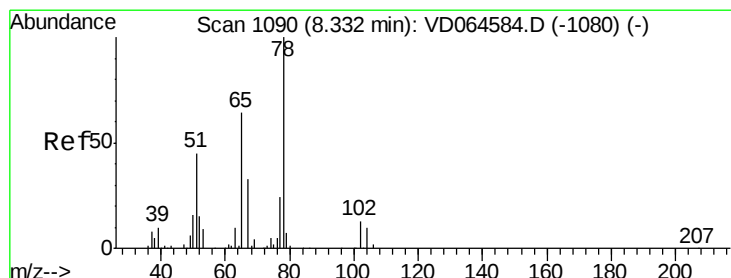
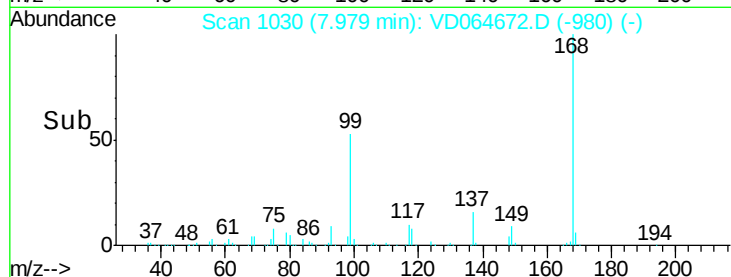
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.161 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064672.D

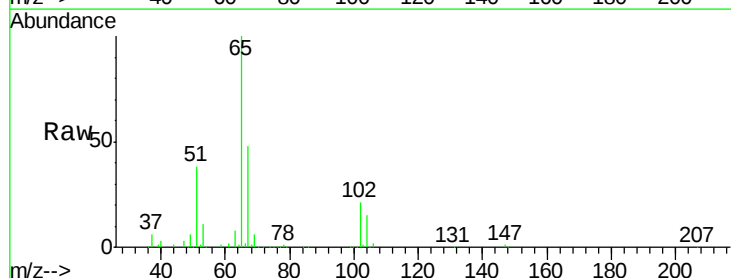
Acq: 30 Dec 2019 12:11

Tgt Ion: 65 Resp: 259141

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

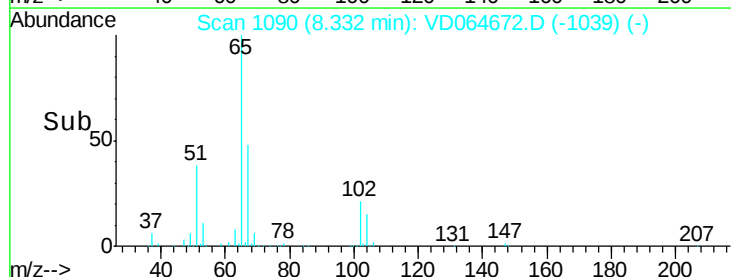
8.33

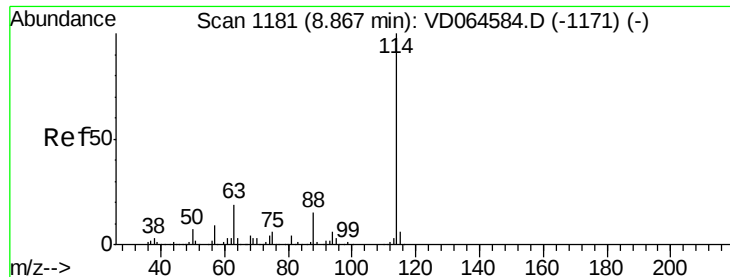
100000

50000

0

Time-->

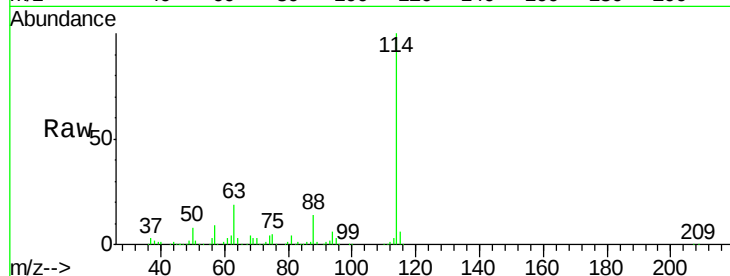




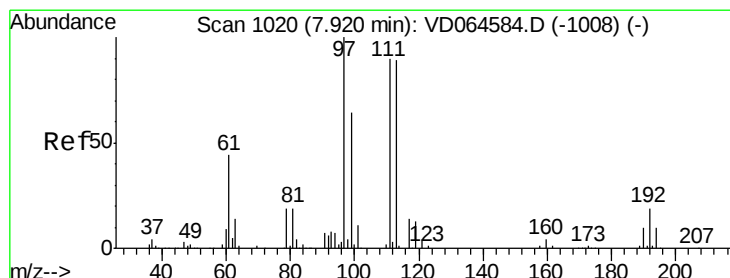
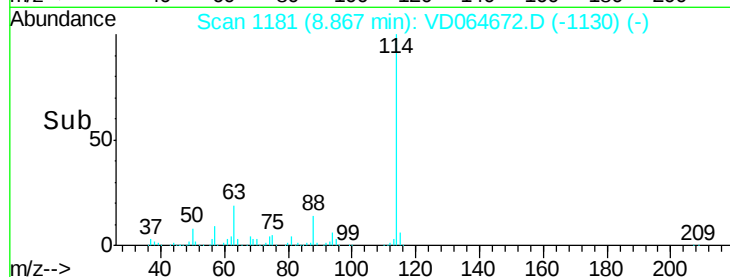
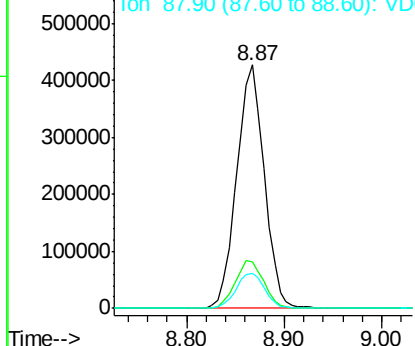
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064672.D
Acq: 30 Dec 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBL01

Tot Ion:114 Resp: 837110
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.0
88 14.3 0.0 29.2

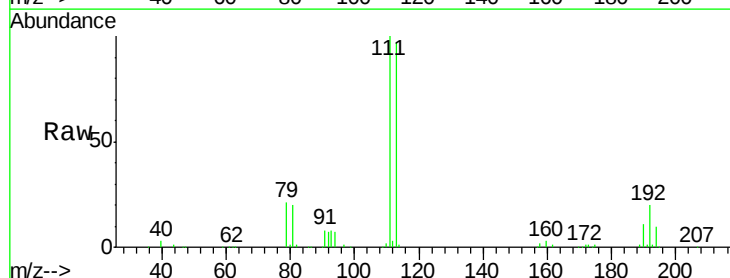


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

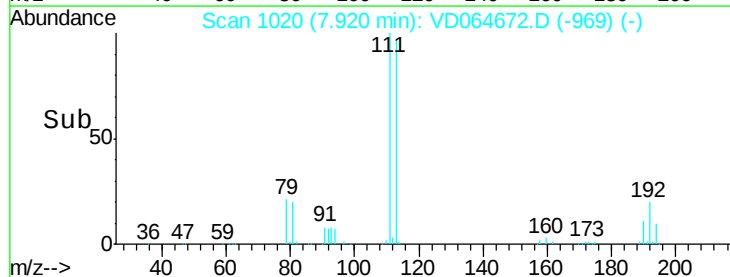
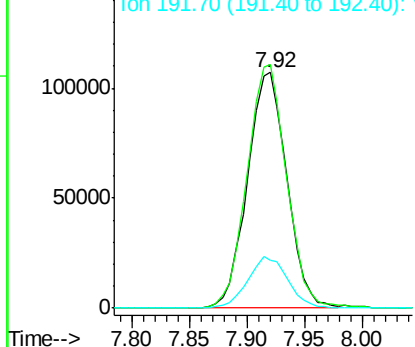


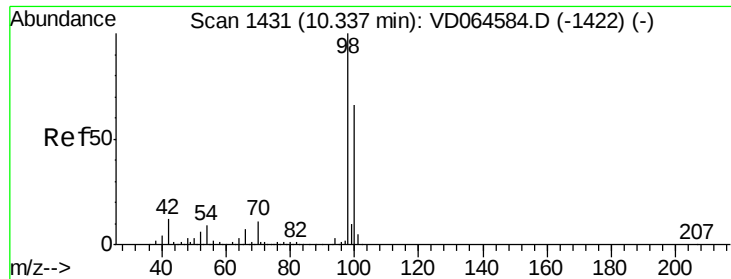
#35
Dibromofluoromethane
Concen: 49.584 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064672.D
Acq: 30 Dec 2019 12:11

Tgt Ion:113 Resp: 254653
Ion Ratio Lower Upper
113 100
111 103.9 80.6 121.0
192 21.9 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

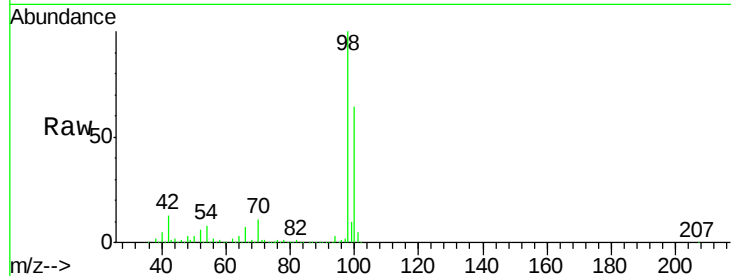




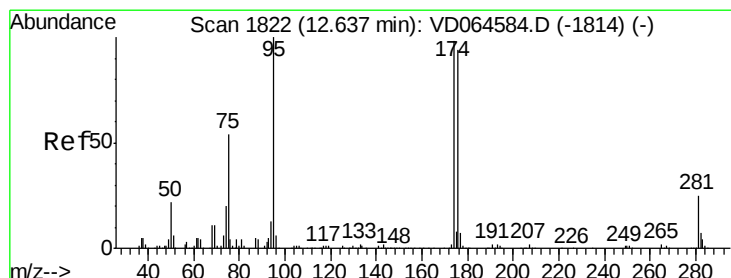
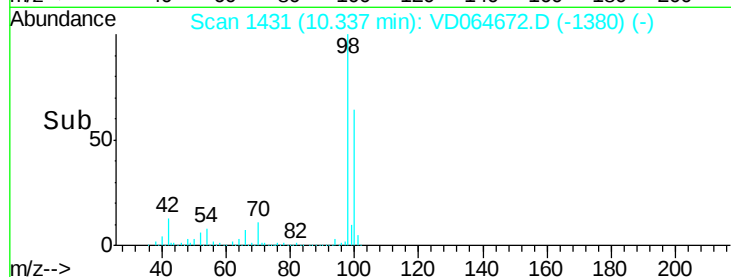
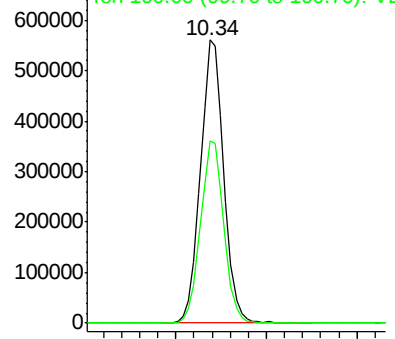
#50
Toluene-d8
Concen: 50.849 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD064672.D
Acq: 30 Dec 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBL01

Tot Ion: 98 Resp: 1000182
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

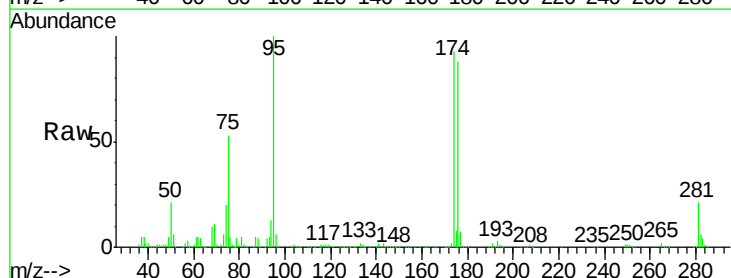


Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)
Ion 100.00 (99.70 to 100.70): VD064672.D (-1380) (-)

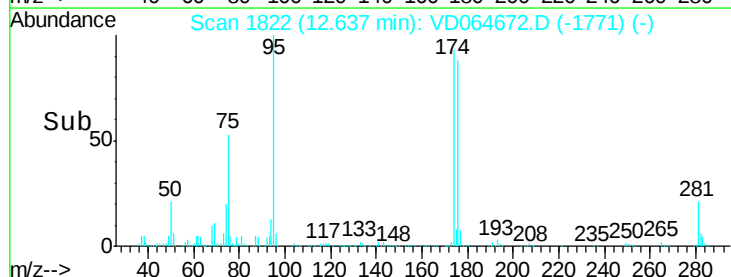
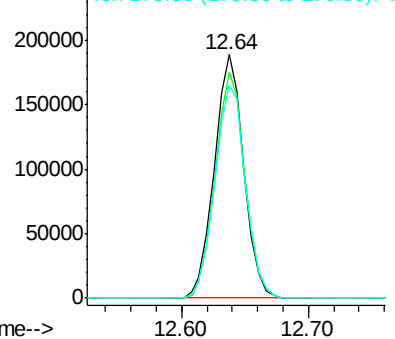


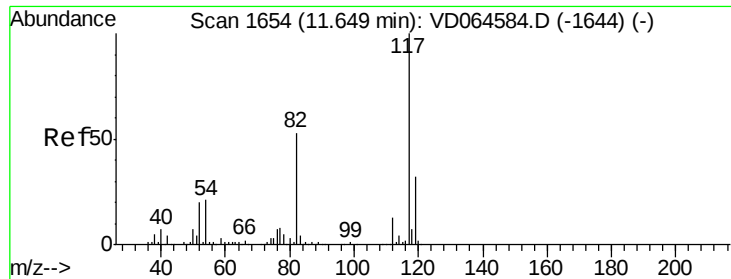
#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064672.D
Acq: 30 Dec 2019 12:11

Tgt Ion: 95 Resp: 301890
Ion Ratio Lower Upper
95 100
174 94.5 0.0 193.2
176 91.4 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)
Ion 173.80 (173.50 to 174.50): VD064672.D (-1771) (-)
Ion 175.80 (175.50 to 176.50): VD064672.D (-1771) (-)

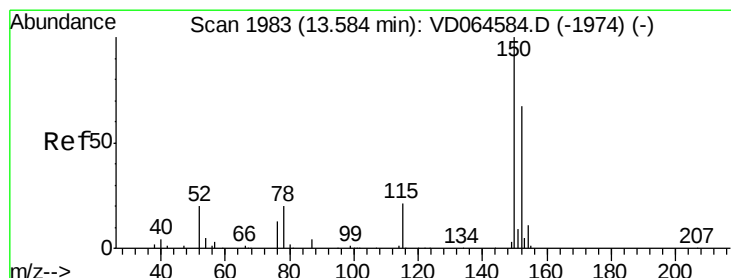
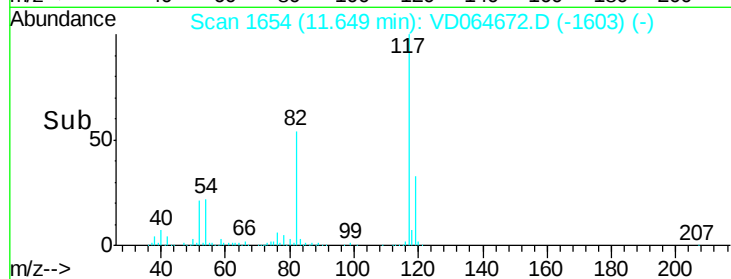
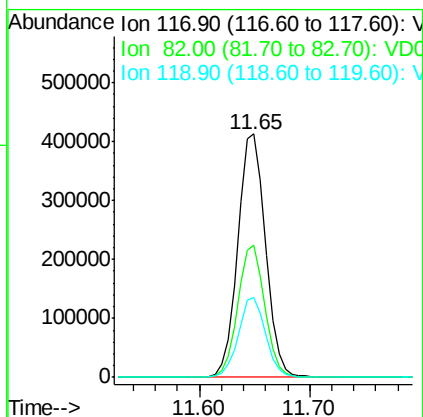
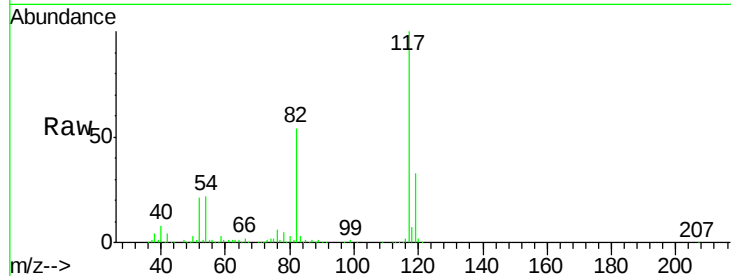




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064672.D
Acq: 30 Dec 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBL01

Tot Ion:117 Resp: 729649
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 33.0 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: VD064672.D
Acq: 30 Dec 2019 12:11

Tgt Ion:152 Resp: 340330
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.4
150 154.0 0.0 351.4

