

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064614.D
 Acq On : 26 Dec 2019 23:41
 Operator : VA/SY
 Sample : VD1226SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1226SBL02

Quant Time: Dec 27 05:51:22 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	7.99	168	515028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	800288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	720431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	341172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	240613	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.92	113	248084	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.34	98	960438	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.64	95	298967	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

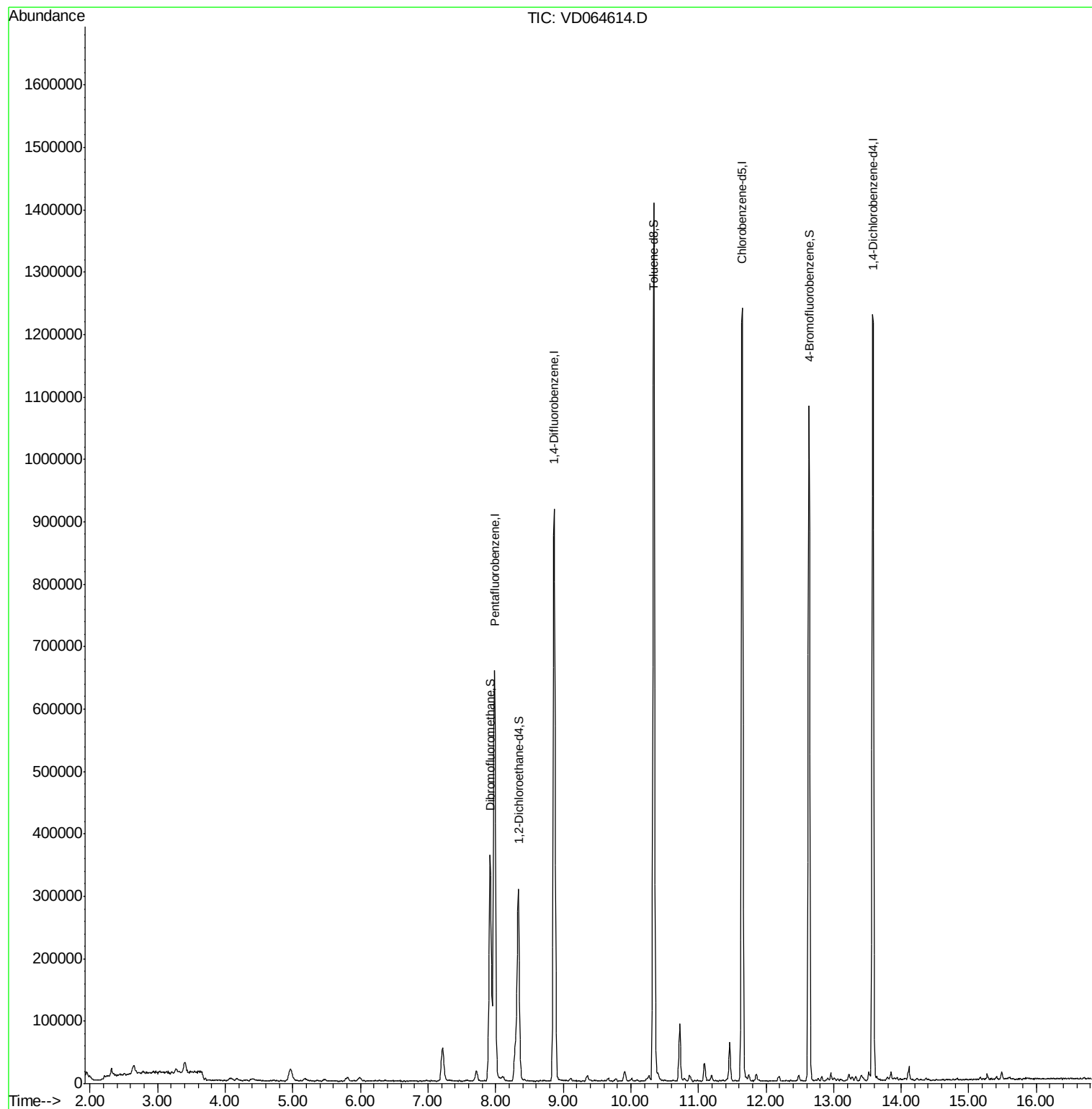
Target Compounds	Qvalue

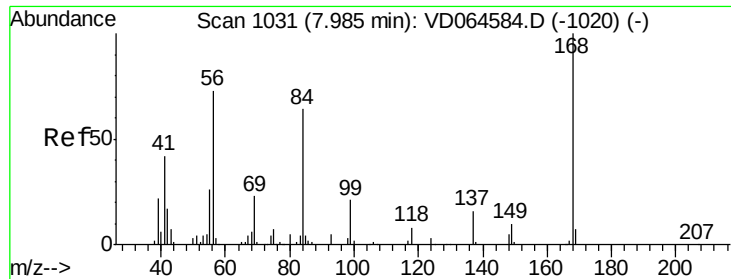
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064614.D

Acq: 26 Dec 2019 23:41

Instrument :

MSVOA_D

ClientSampleId :

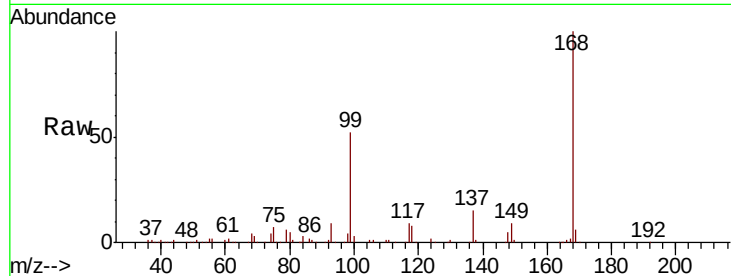
VD1226SBL02

Tot Ion:168 Resp: 515028

Ion Ratio Lower Upper

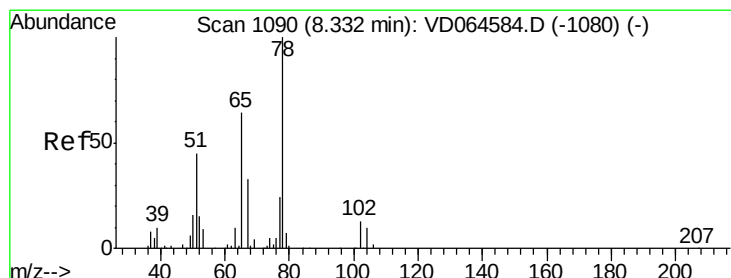
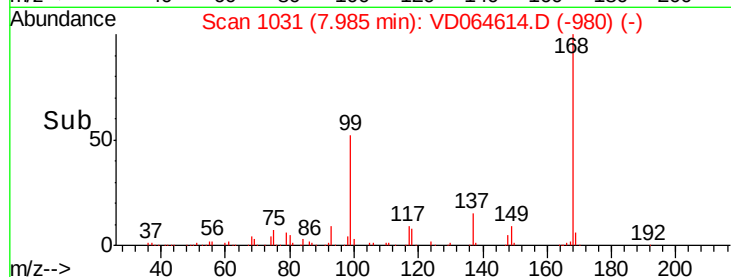
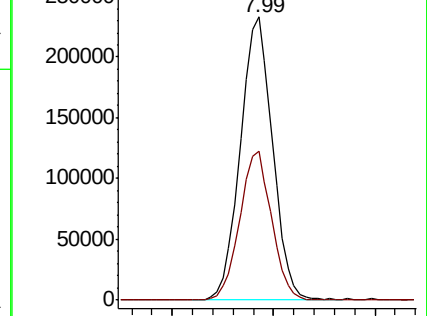
168 100

99 52.3 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: 52.981 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064614.D

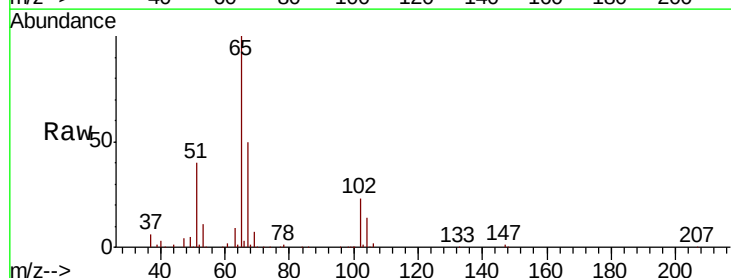
Acq: 26 Dec 2019 23:41

Tgt Ion: 65 Resp: 240613

Ion Ratio Lower Upper

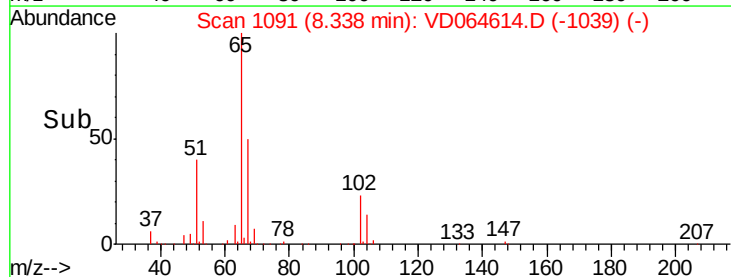
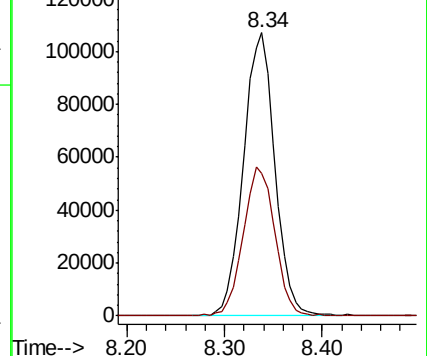
65 100

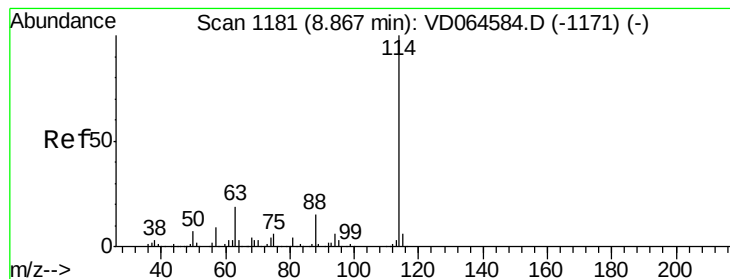
67 53.3 0.0 106.2



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: VD064614.D

Acq: 26 Dec 2019 23:41

Instrument :

MSVOA_D

ClientSampleId :

VD1226SBL02

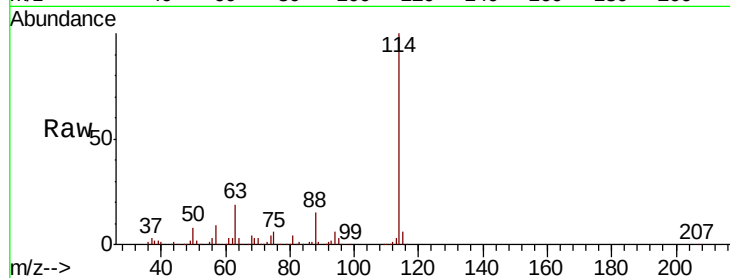
Tot Ion:114 Resp: 800288

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

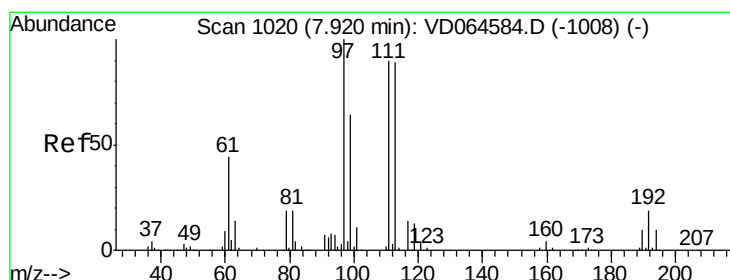
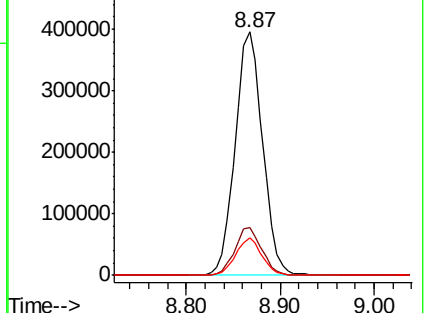
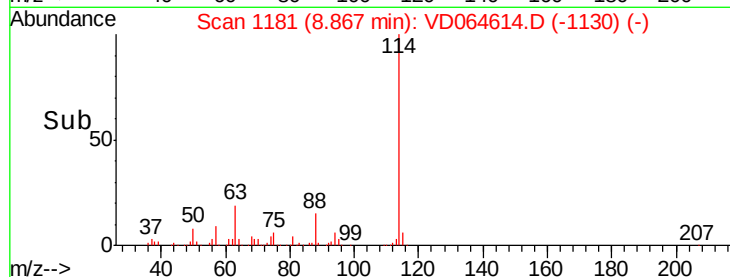
88 15.2 0.0 29.2



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: 50.527 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064614.D

Acq: 26 Dec 2019 23:41

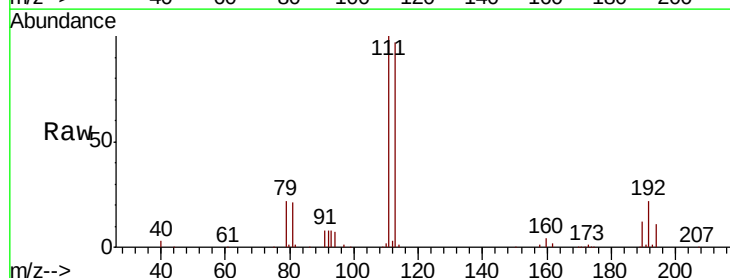
Tgt Ion:113 Resp: 248084

Ion Ratio Lower Upper

113 100

111 100.6 80.6 121.0

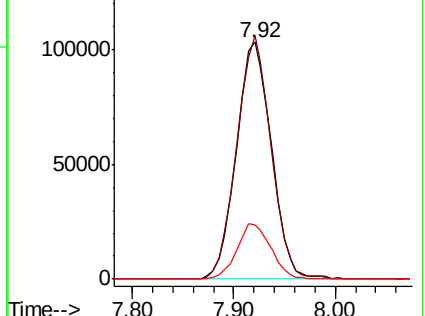
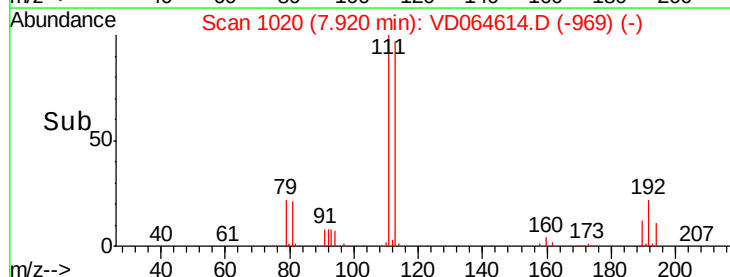
192 22.8 17.9 26.9

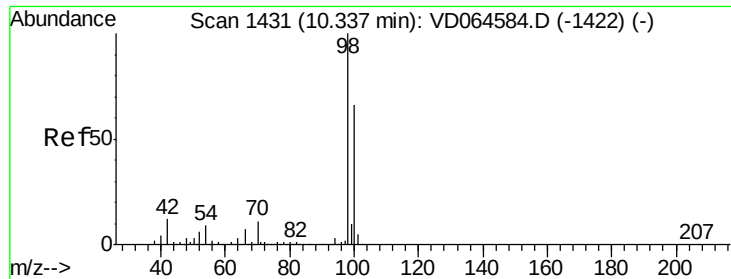


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

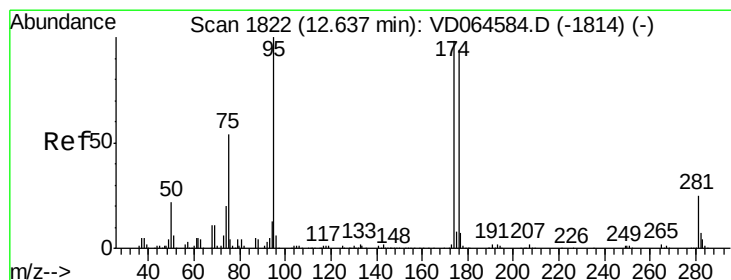
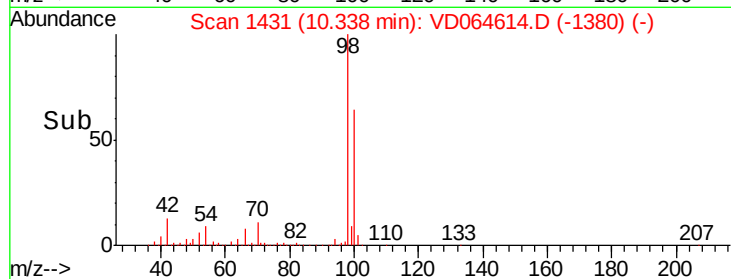
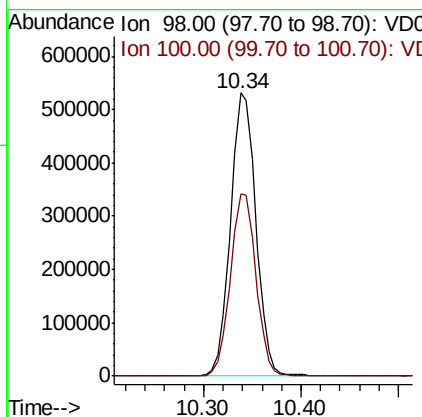
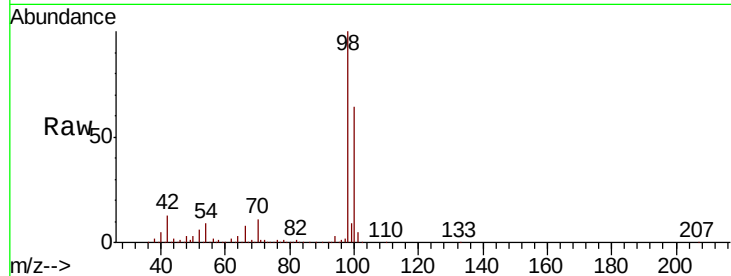




#50
Toluene-d8
Concen: 51.075 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064614.D
Acq: 26 Dec 2019 23:41

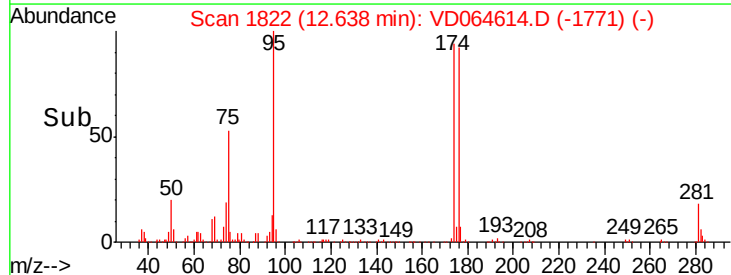
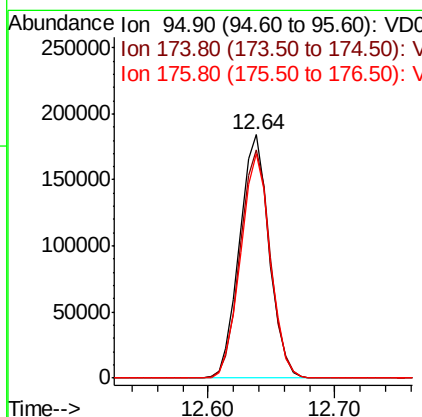
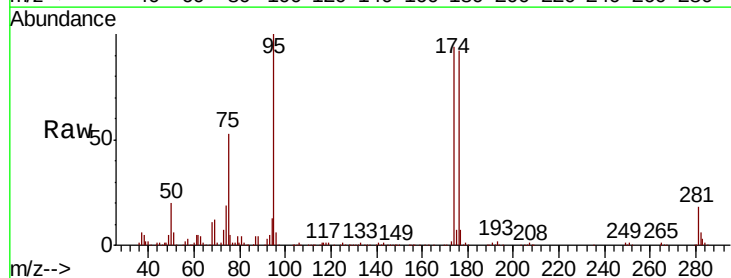
Instrument :
MSVOA_D
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VD1226SBL02

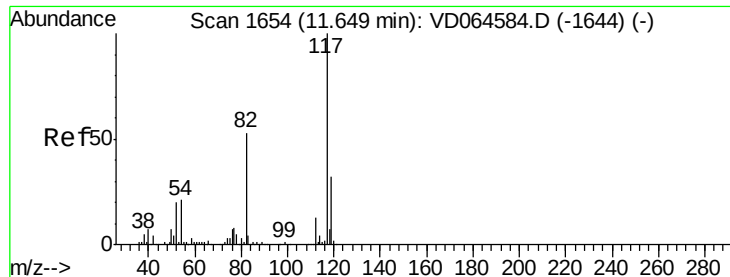
Tot Ion: 98 Resp: 960438
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.279 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064614.D
Acq: 26 Dec 2019 23:41

Tgt Ion: 95 Resp: 298967
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 92.4 0.0 184.2

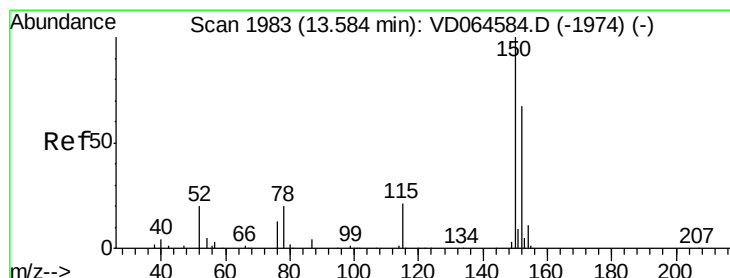
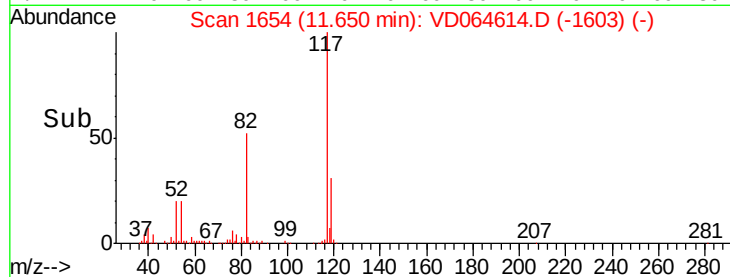
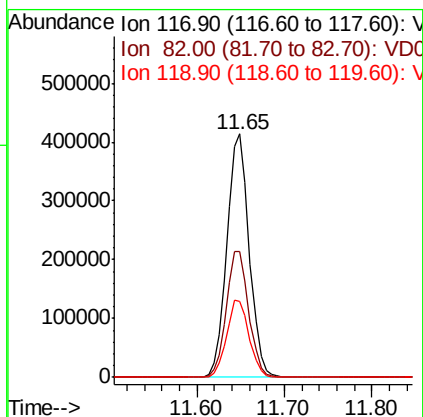
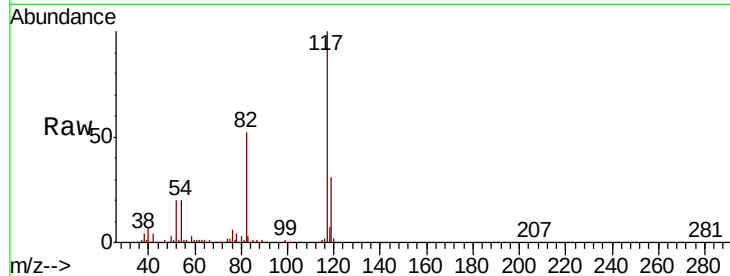




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064614.D
Acq: 26 Dec 2019 23:41

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL02

Tot Ion:117 Resp: 720431
Ion Ratio Lower Upper
117 100
82 51.5 42.2 63.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064614.D
Acq: 26 Dec 2019 23:41

Tgt Ion:152 Resp: 341172
Ion Ratio Lower Upper
152 100
115 54.0 27.8 83.4
150 156.1 0.0 351.4

