

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064635.D
 Acq On : 27 Dec 2019 10:29
 Operator : VA/SY
 Sample : VD1227SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBL01

Quant Time: Dec 30 01:13:44 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	526561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	782224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	689037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239933	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.91	113	241755	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.34	98	936095	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	283815	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

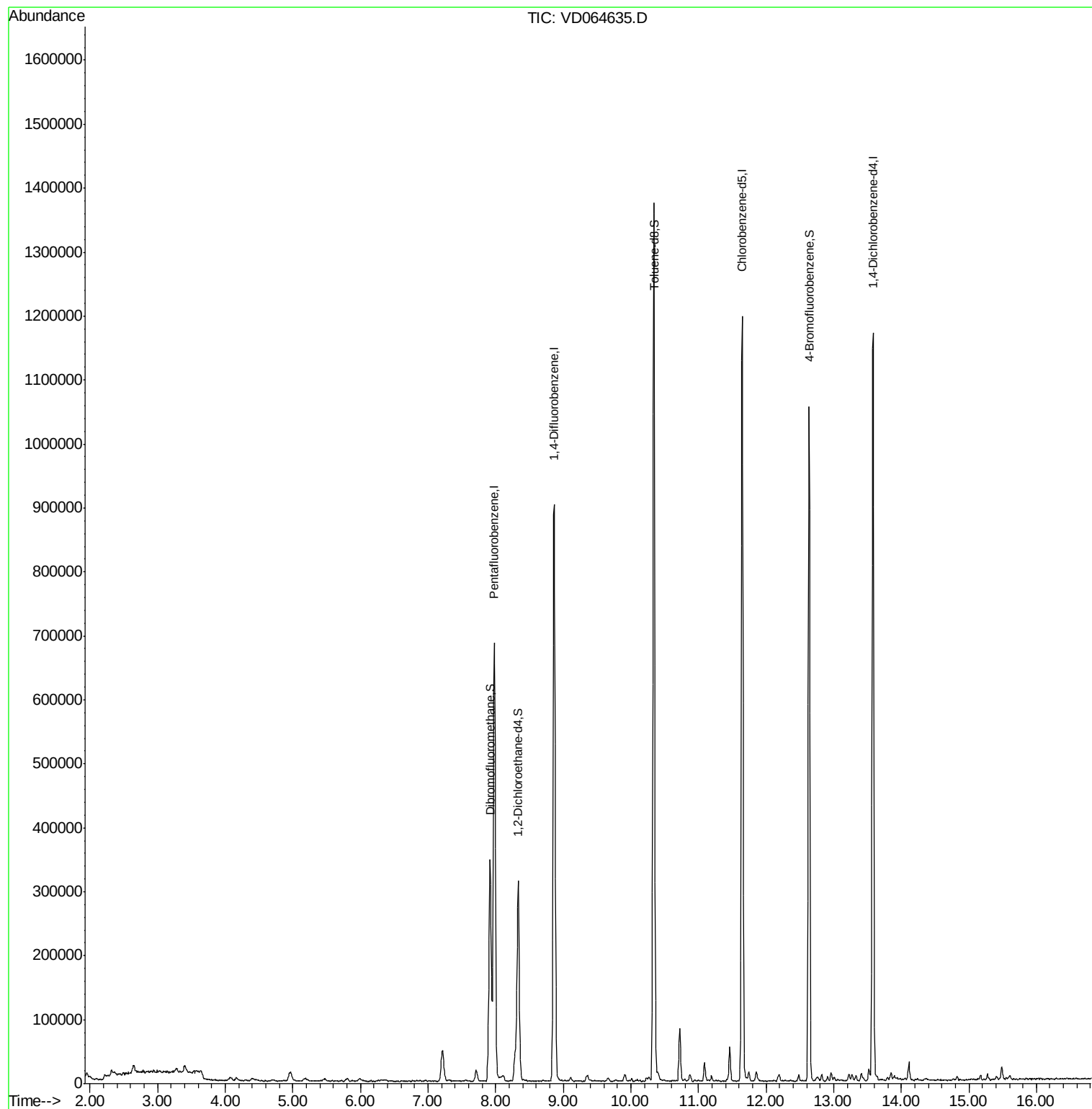
Target Compounds	Qvalue

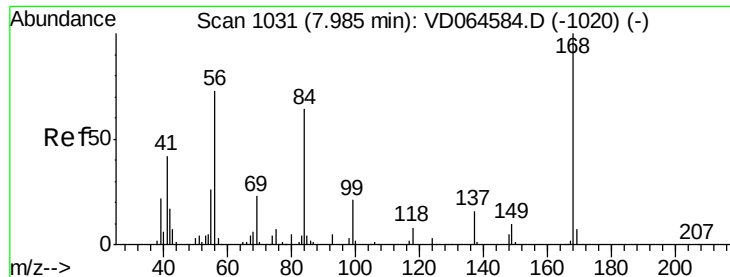
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064635.D

Acq: 27 Dec 2019 10:29

Instrument :

MSVOA_D

ClientSampleId :

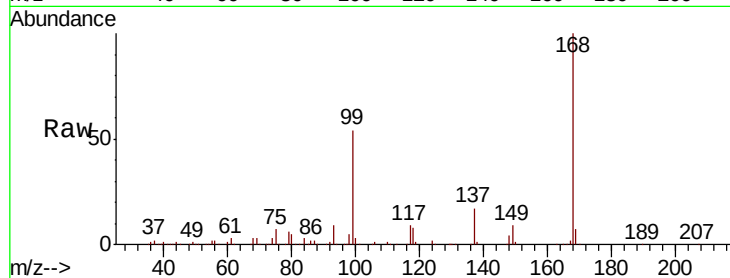
VD1227SBL01

Tot Ion:168 Resp: 526561

Ion Ratio Lower Upper

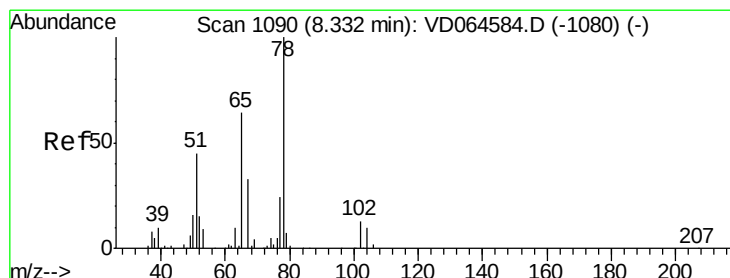
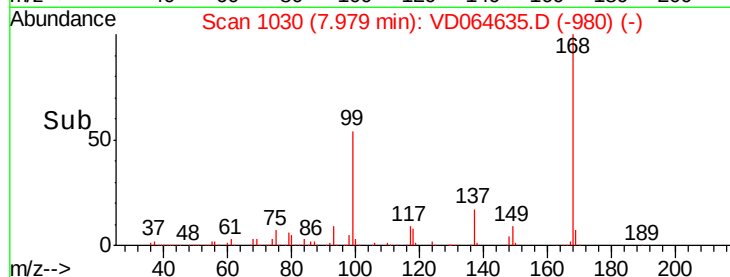
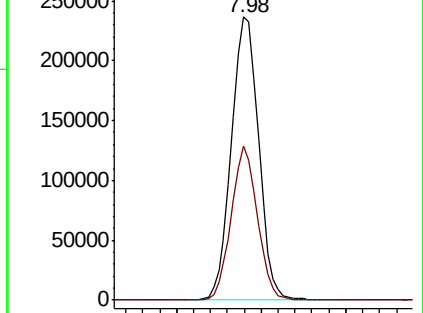
168 100

99 54.3 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: 51.675 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064635.D

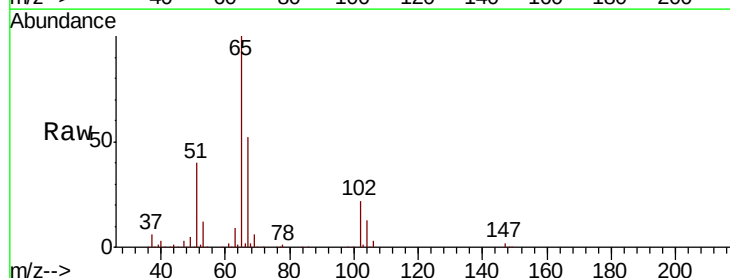
Acq: 27 Dec 2019 10:29

Tgt Ion: 65 Resp: 239933

Ion Ratio Lower Upper

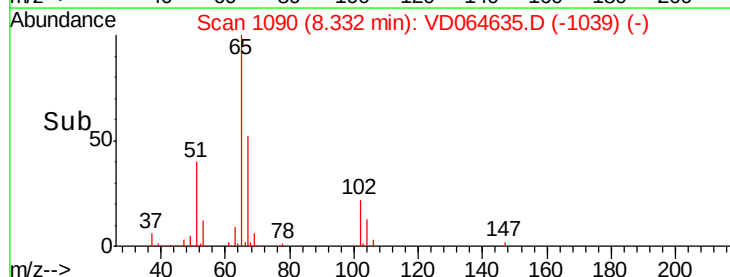
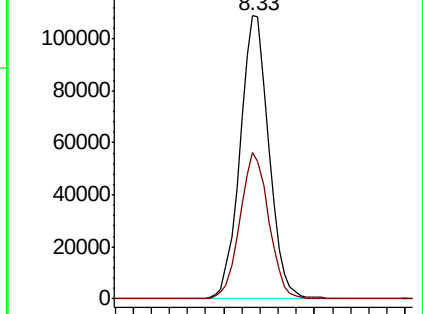
65 100

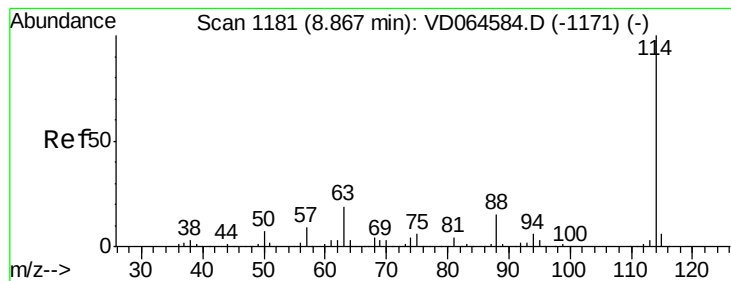
67 51.8 0.0 106.2



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: VD064635.D

Acq: 27 Dec 2019 10:29

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBL01

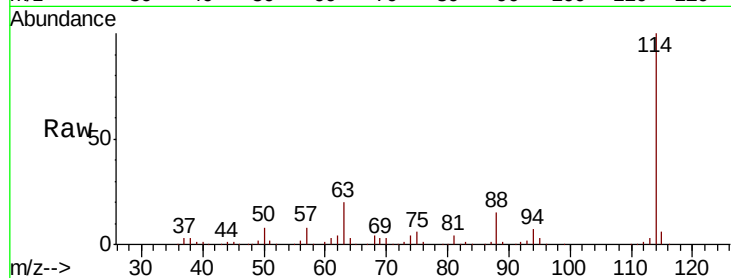
Tot Ion:114 Resp: 782224

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

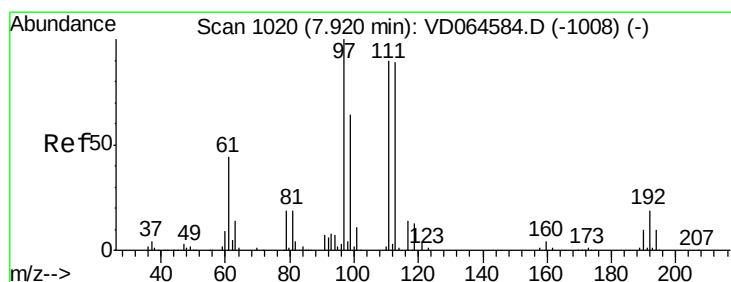
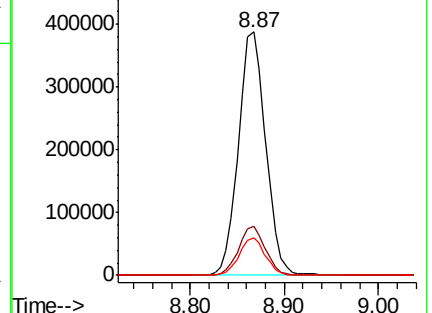
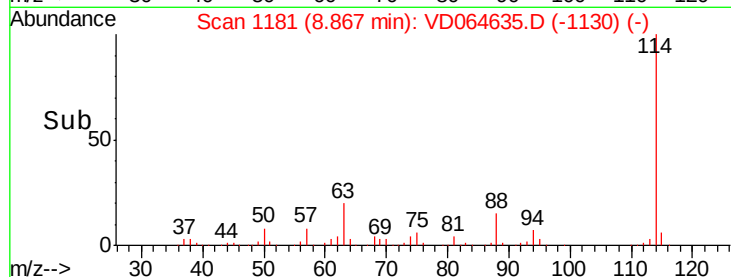
88 15.2 0.0 29.2



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: 50.375 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064635.D

Acq: 27 Dec 2019 10:29

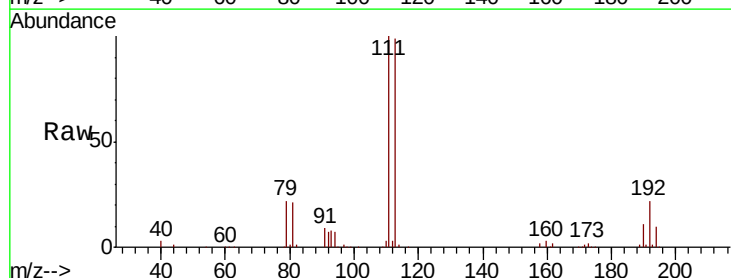
Tgt Ion:113 Resp: 241755

Ion Ratio Lower Upper

113 100

111 102.4 80.6 121.0

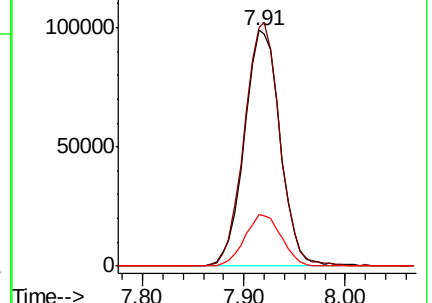
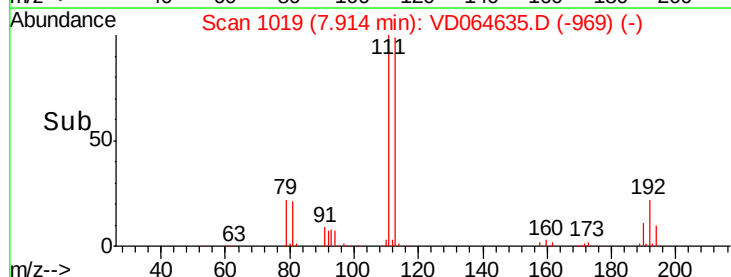
192 22.2 17.9 26.9

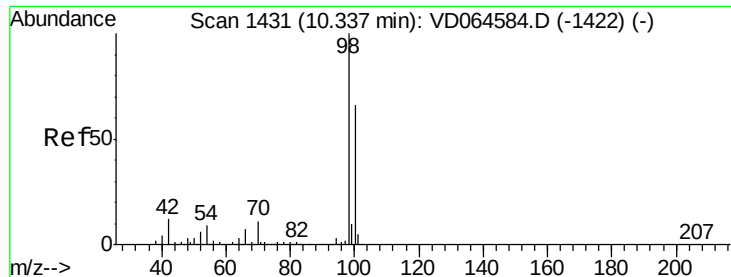


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

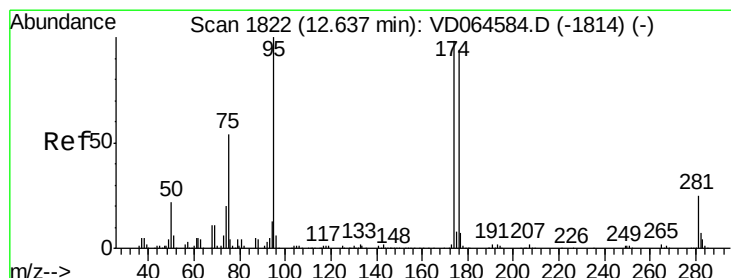
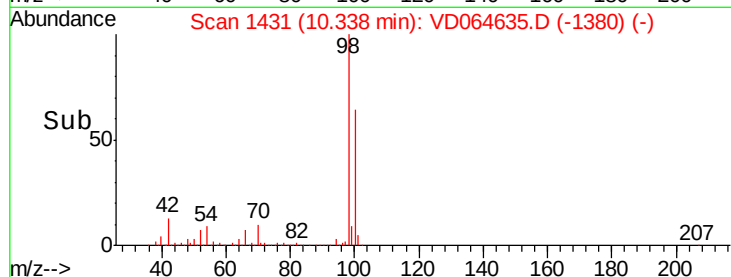
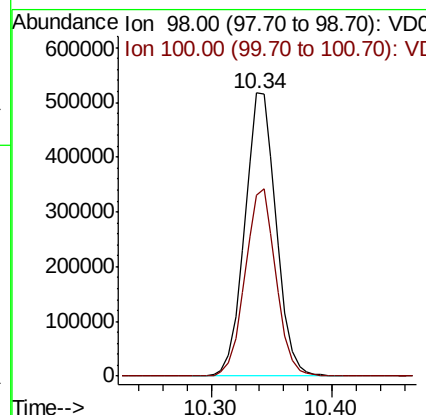
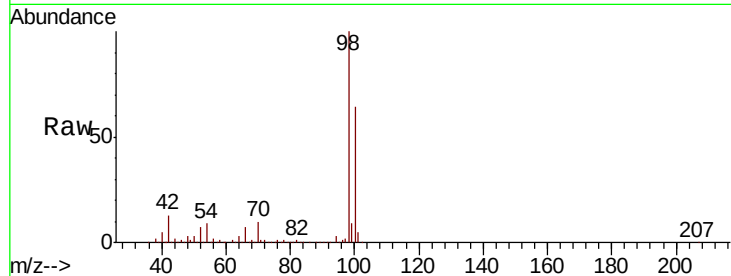




#50
Toluene-d8
Concen: 50.930 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064635.D
Acq: 27 Dec 2019 10:29

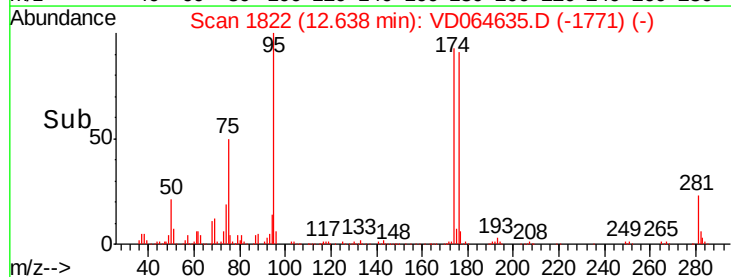
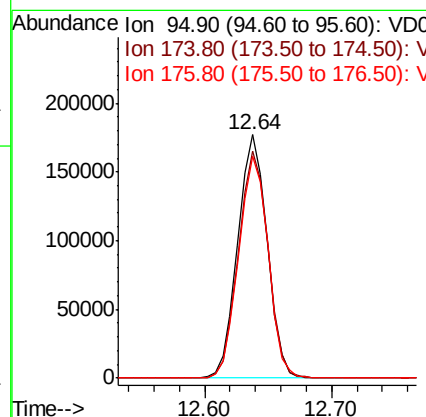
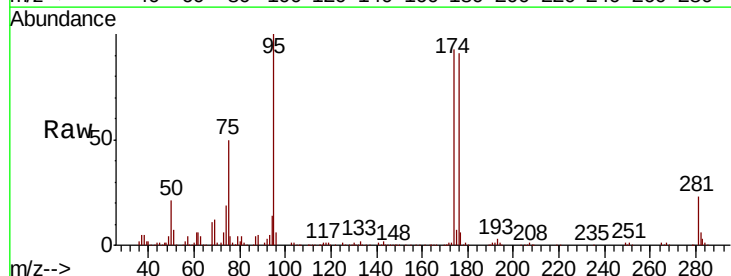
Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

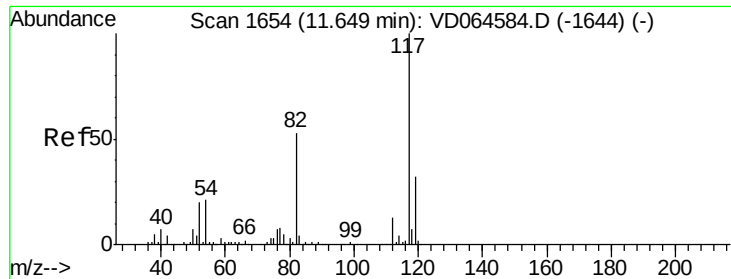
Tot Ion: 98 Resp: 936095
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.833 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064635.D
Acq: 27 Dec 2019 10:29

Tgt Ion: 95 Resp: 283815
Ion Ratio Lower Upper
95 100
174 93.9 0.0 193.2
176 91.6 0.0 184.2

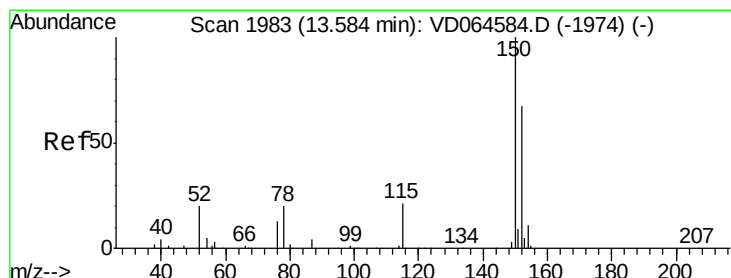
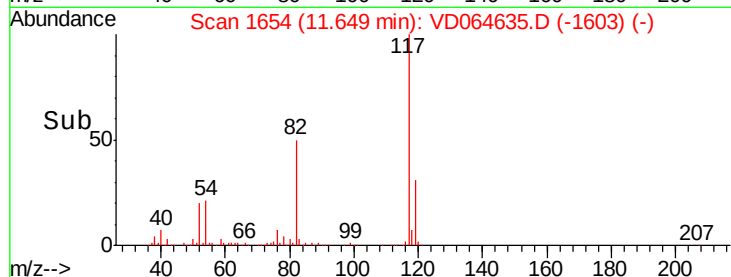
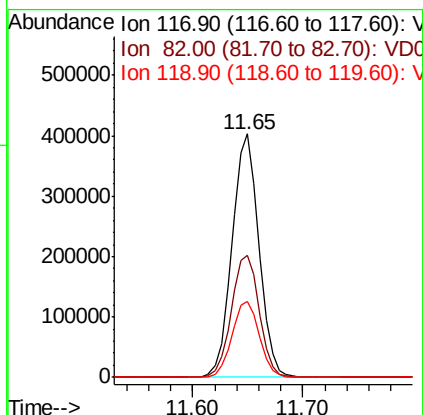
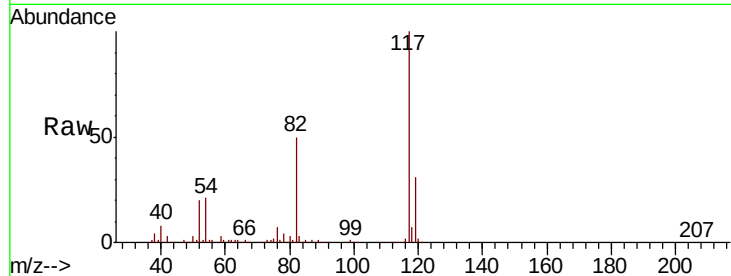




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064635.D
Acq: 27 Dec 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBL01

Tot Ion:117 Resp: 689037
Ion Ratio Lower Upper
117 100
82 50.3 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# 1983
Delta R.T. 0.00 min
Lab File: VD064635.D
Acq: 27 Dec 2019 10:29

Tgt Ion:152 Resp: 317479
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.6 0.0 351.4

