

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064450.D
 Acq On : 06 Dec 2019 10:57
 Operator : VA/SY
 Sample : VD1206SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1206SBL01

Quant Time: Dec 06 22:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	781006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1135062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1046088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	518770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	319684	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	7.91	113	331600	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	10.34	98	1328003	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.64	95	456023	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

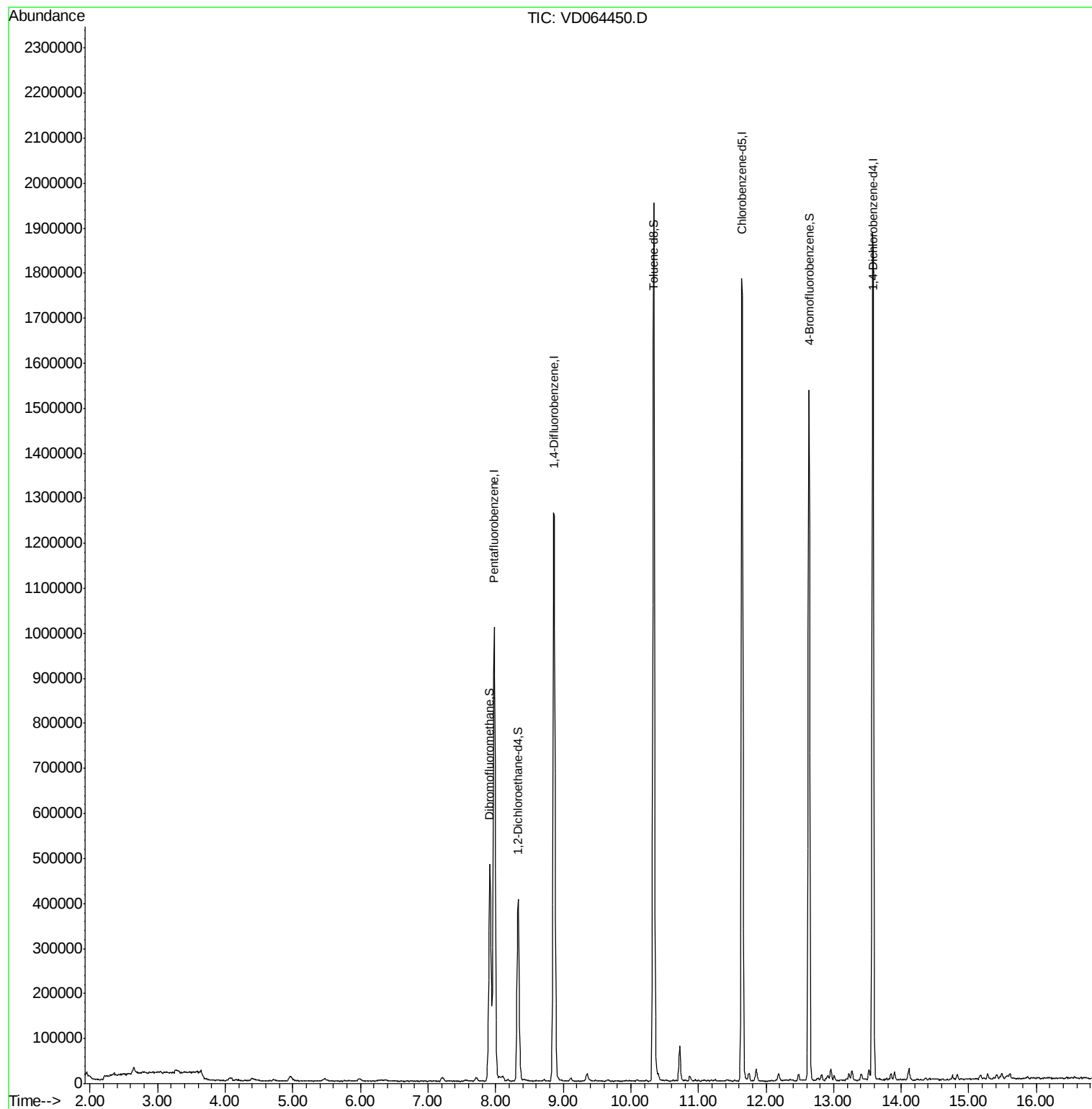
Target Compounds	Qvalue

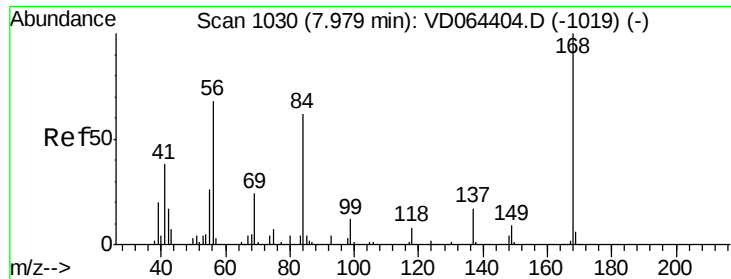
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064450.D

Acq: 06 Dec 2019 10:57

Instrument :

MSVOA_D

ClientSampleId :

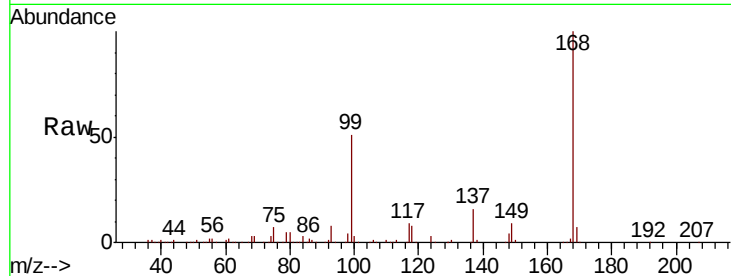
VD1206SBL01

Tot Ion:168 Resp: 781006

Ion Ratio Lower Upper

168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

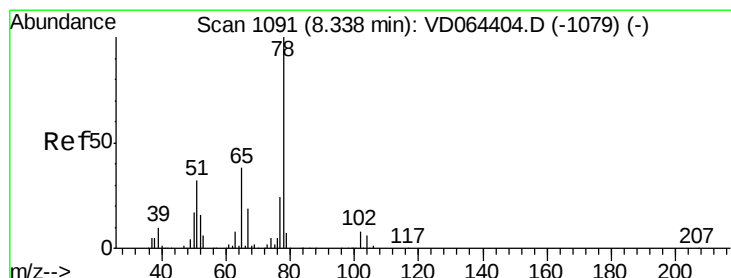
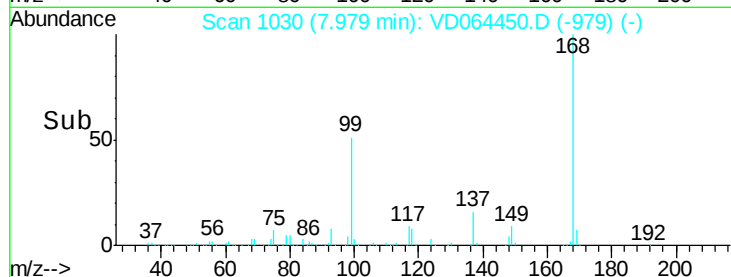
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.222 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064450.D

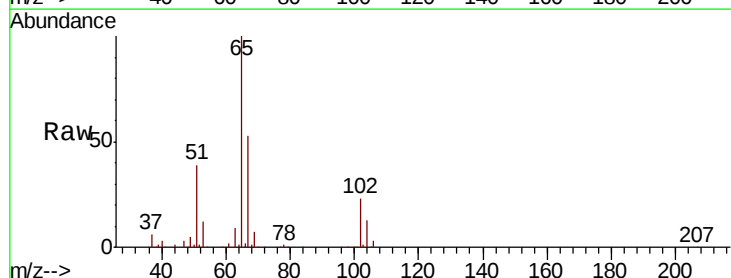
Acq: 06 Dec 2019 10:57

Tgt Ion: 65 Resp: 319684

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

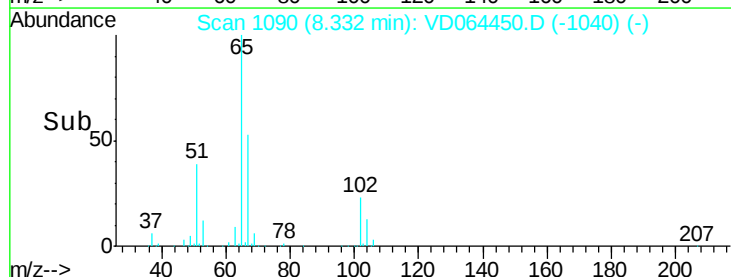
150000

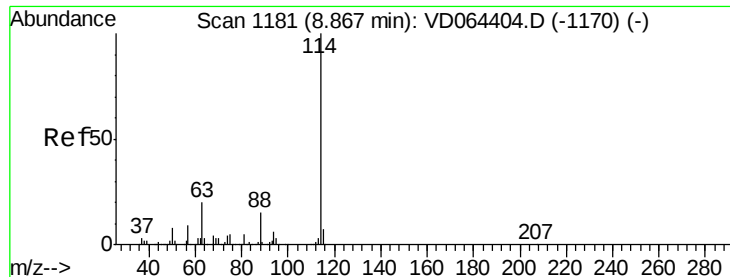
100000

50000

0

Time-->



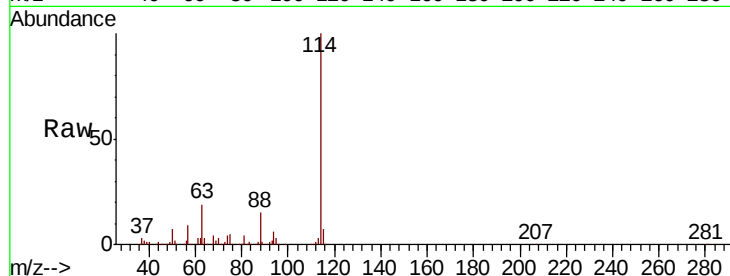


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1206SBL01

Tot Ion:114 Resp: 1135062

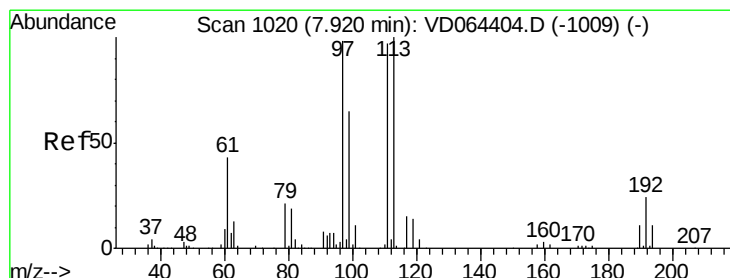
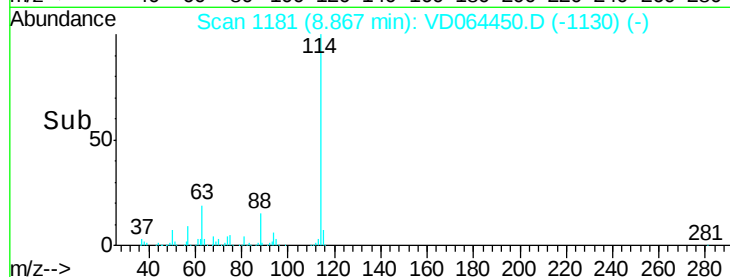
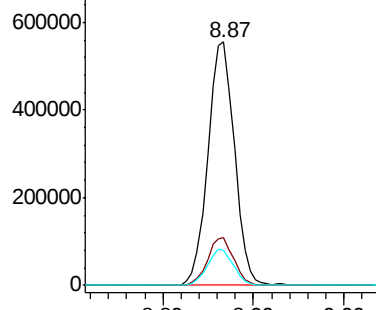
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	14.6	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

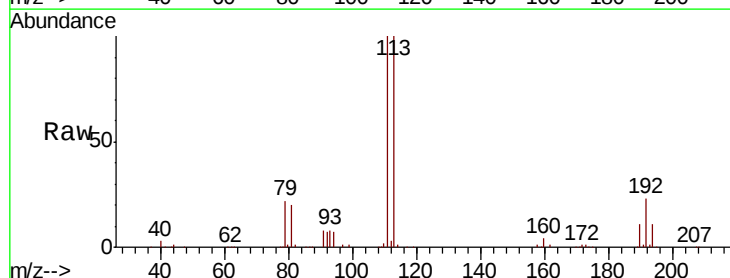
Ion 87.90 (87.60 to 88.60): VDC



#35
Dibromofluoromethane
Concen: 46.368 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Tgt Ion:113 Resp: 331600

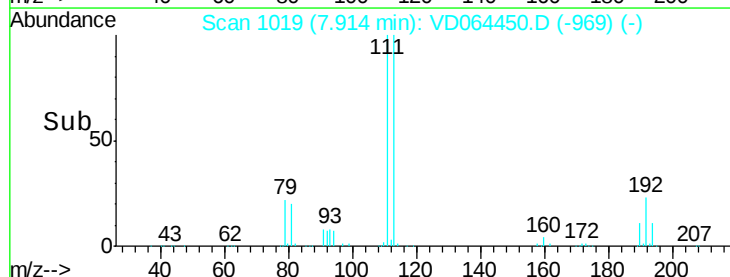
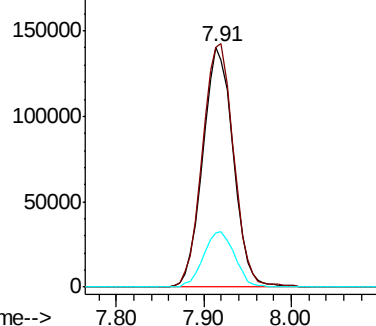
Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.4	119.2
192	23.5	18.6	28.0



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

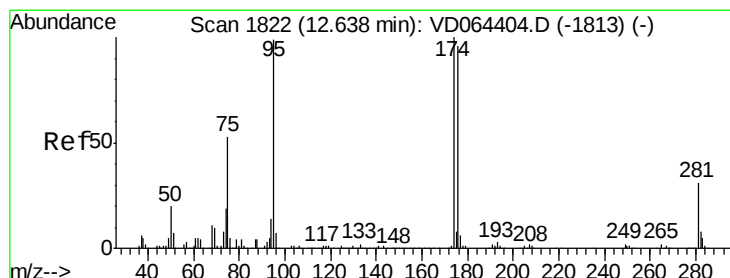
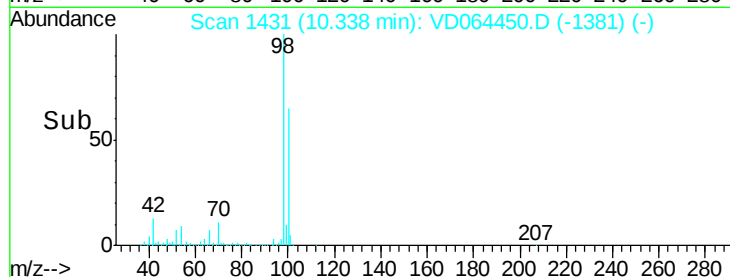
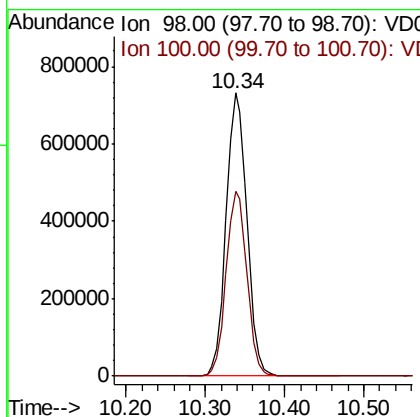
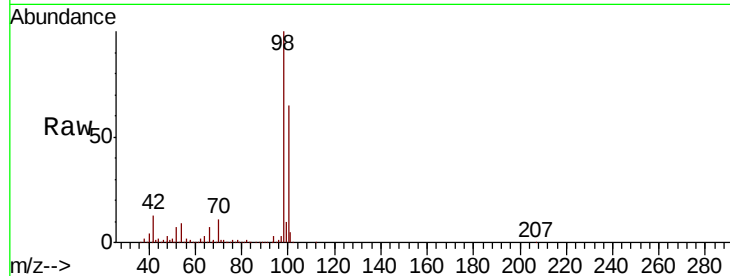




#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

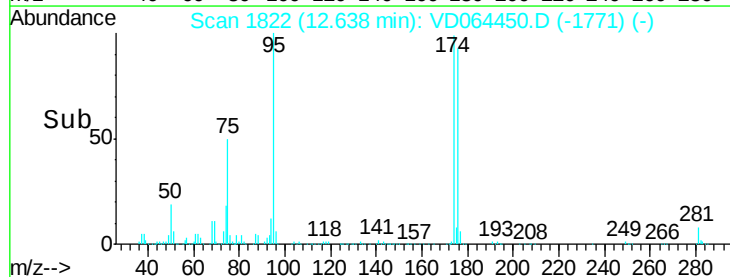
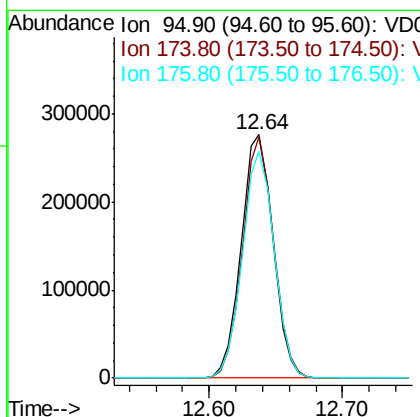
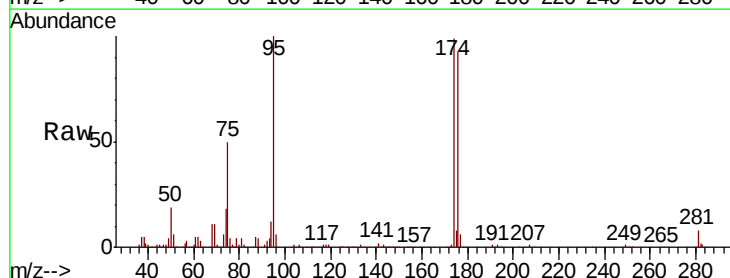
Instrument :
MSVOA_D
ClientSampleId :
VD1206SBL01

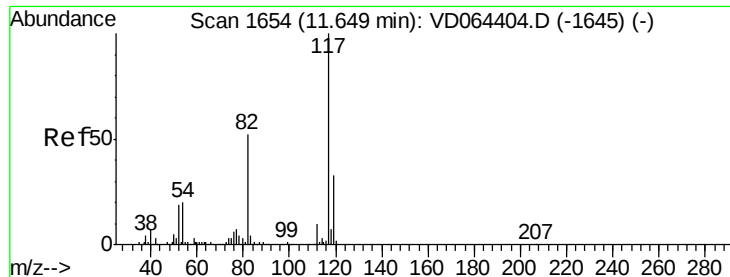
Tot Ion: 98 Resp: 1328003
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 52.675 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Tgt Ion: 95 Resp: 456023
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.2
176 92.9 0.0 189.6

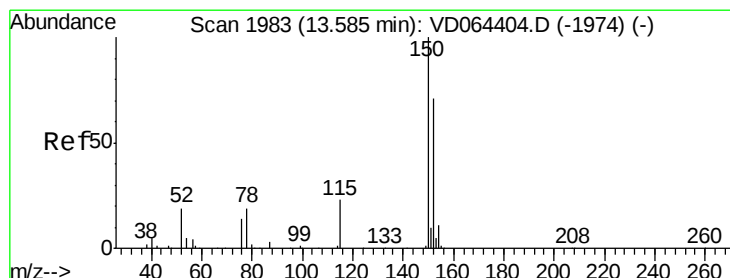
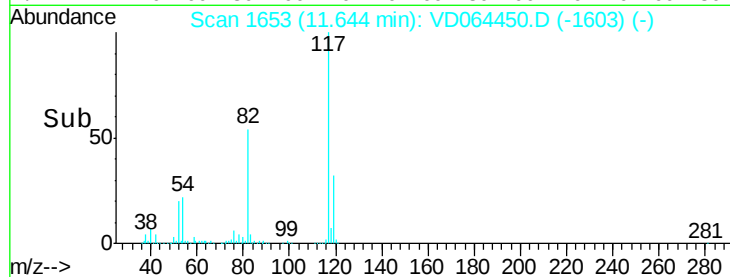
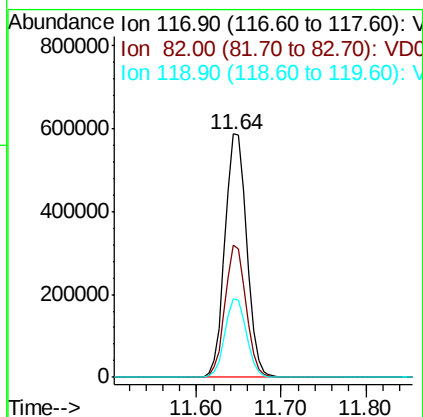
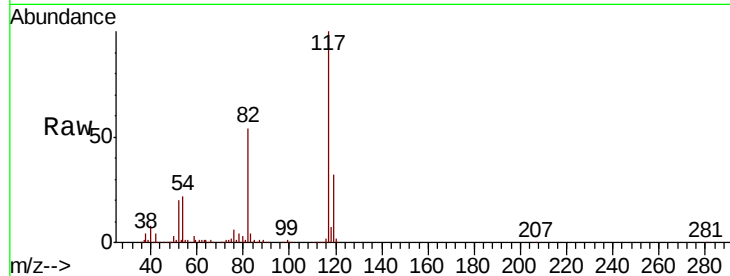




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1206SBL01

Tot Ion:117 Resp: 1046088
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064450.D
Acq: 06 Dec 2019 10:57

Tgt Ion:152 Resp: 518770
Ion Ratio Lower Upper
152 100
115 54.8 26.7 80.1
150 154.9 0.0 347.2

