

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064507.D
 Acq On : 13 Dec 2019 15:19
 Operator : VA/SY
 Sample : VD1213SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBL01

Quant Time: Dec 16 05:34:29 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	430137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	658203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	629278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	190882	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.92	113	206235	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.34	98	785748	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.64	95	270428	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	

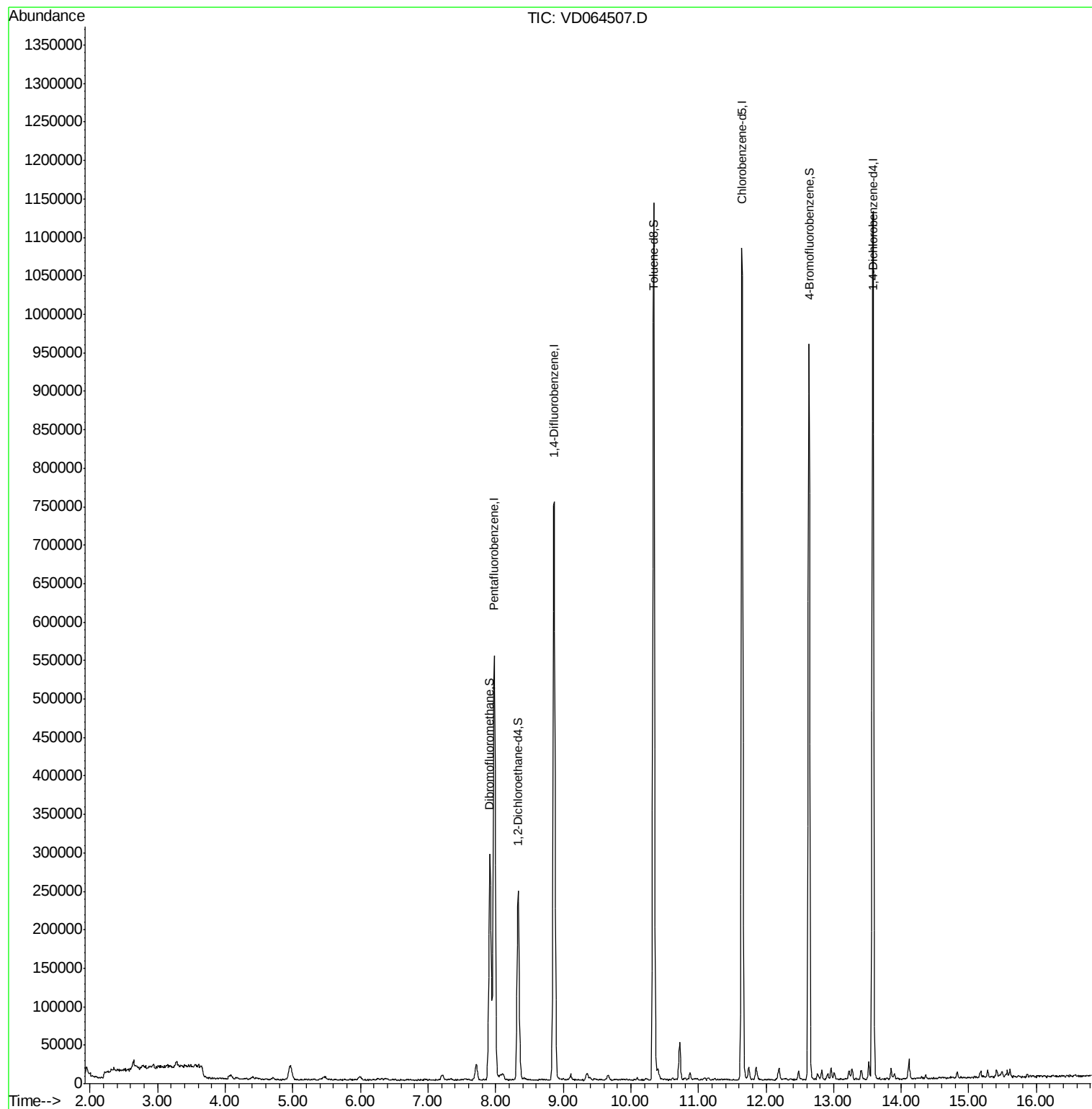
Target Compounds	Qvalue

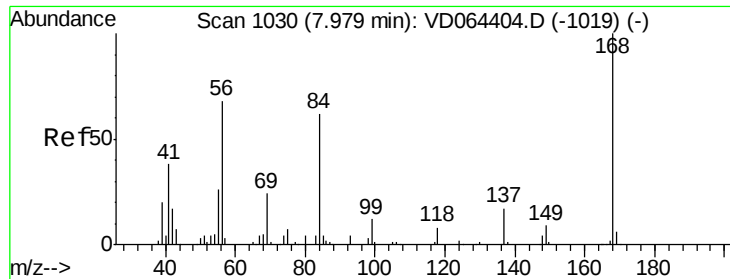
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064507.D

Acq: 13 Dec 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

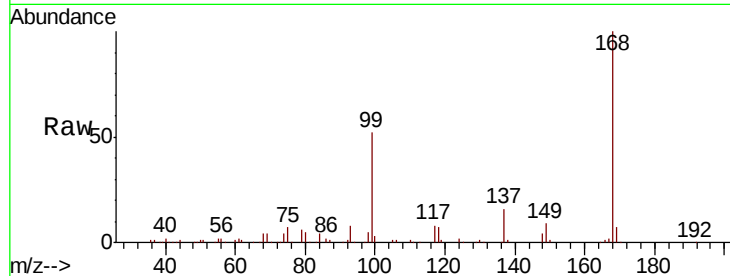
VD1213SBL01

Tot Ion:168 Resp: 430137

Ion Ratio Lower Upper

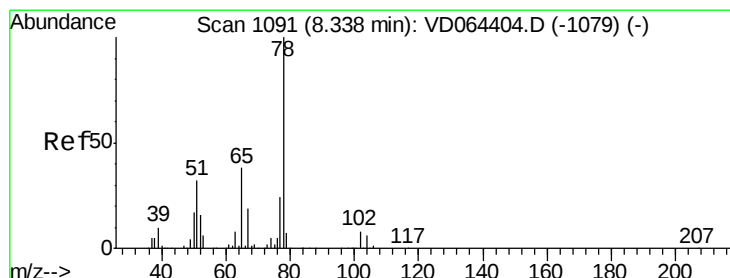
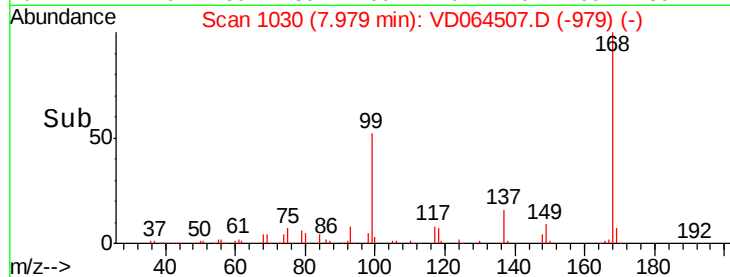
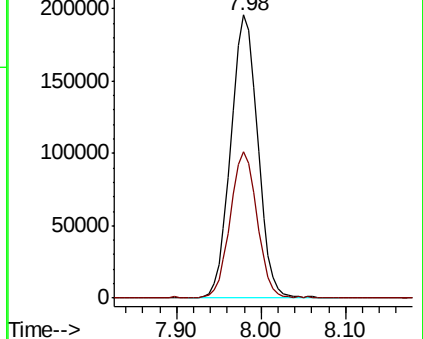
168 100

99 51.5 40.7 61.1



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: 49.027 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064507.D

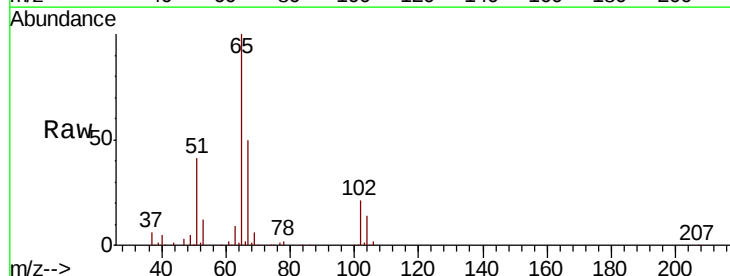
Acq: 13 Dec 2019 15:19

Tgt Ion: 65 Resp: 190882

Ion Ratio Lower Upper

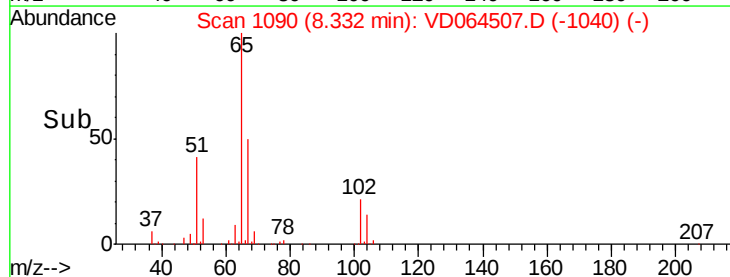
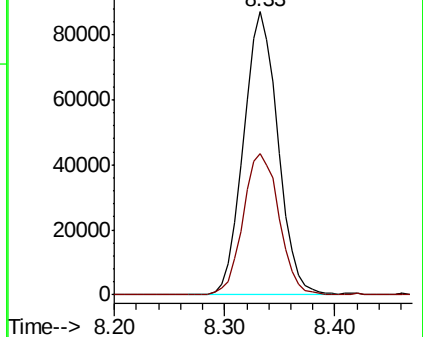
65 100

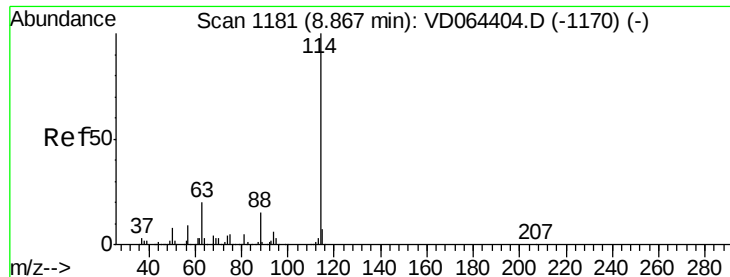
67 52.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

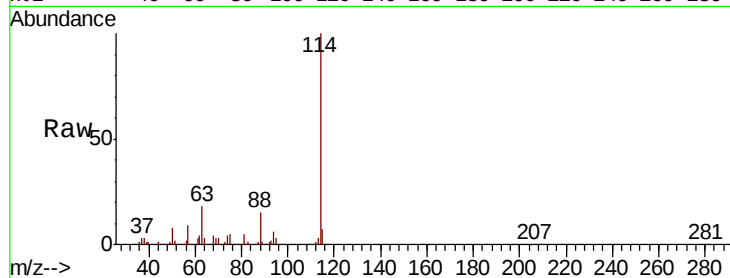




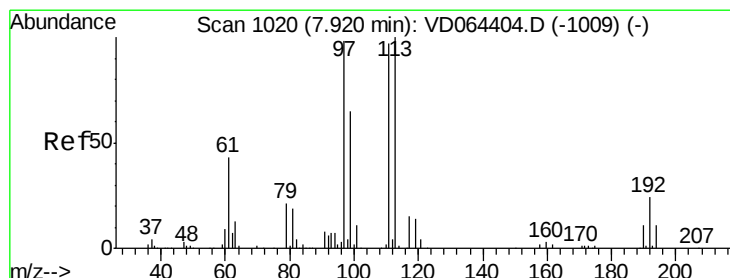
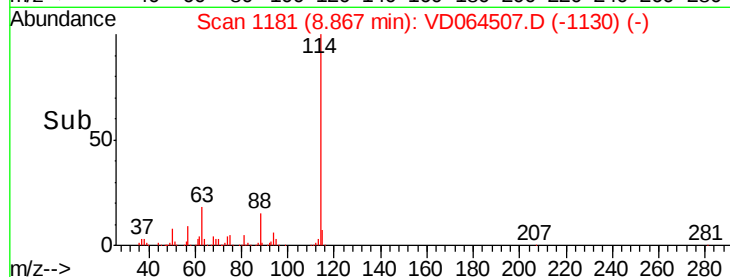
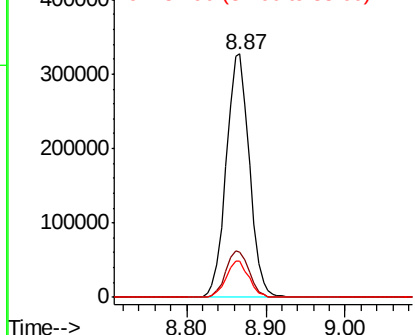
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064507.D
Acq: 13 Dec 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tot Ion:114 Resp: 658203
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 14.7 0.0 29.2

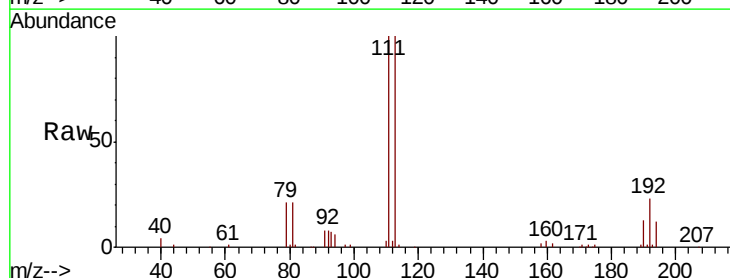


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

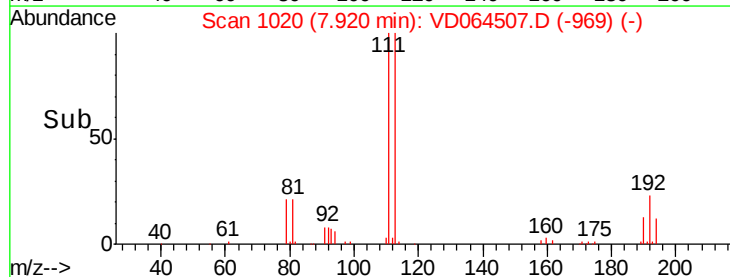
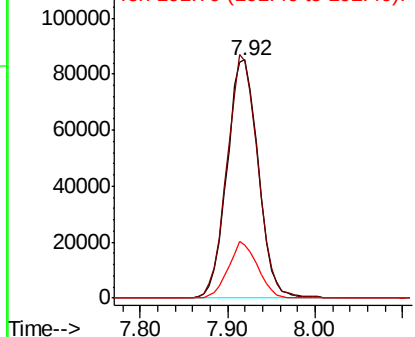


#35
Dibromofluoromethane
Concen: 49.731 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064507.D
Acq: 13 Dec 2019 15:19

Tgt Ion:113 Resp: 206235
Ion Ratio Lower Upper
113 100
111 100.8 79.4 119.2
192 22.2 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

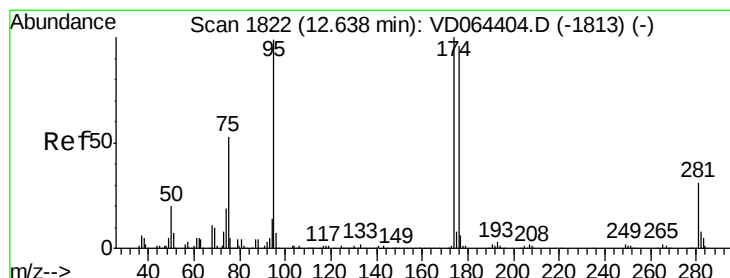
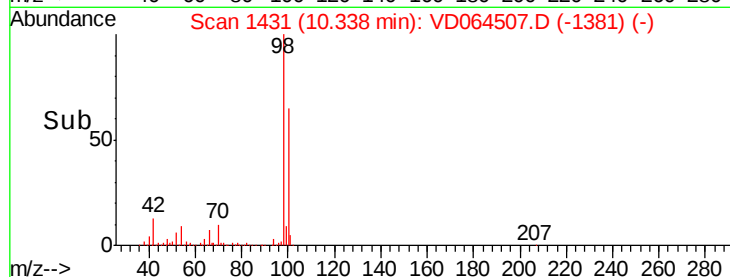
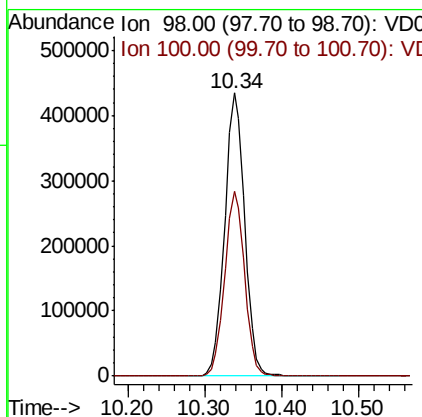
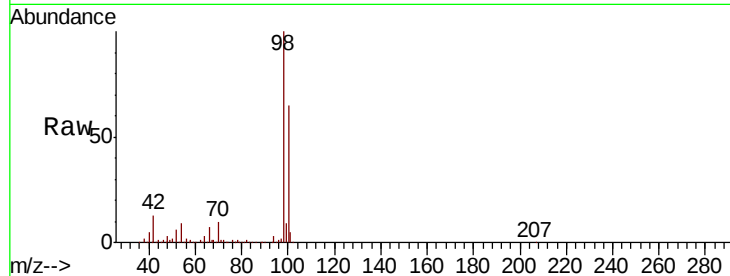




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064507.D
Acq: 13 Dec 2019 15:19

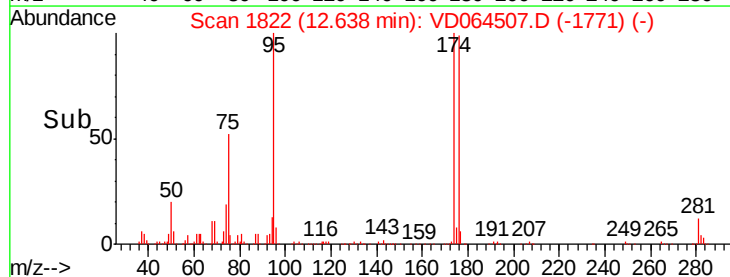
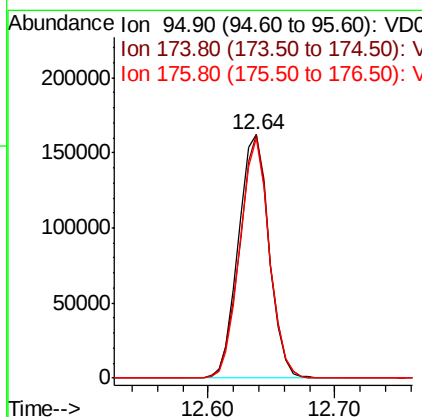
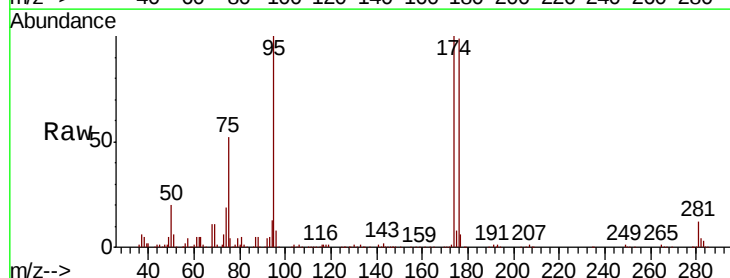
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

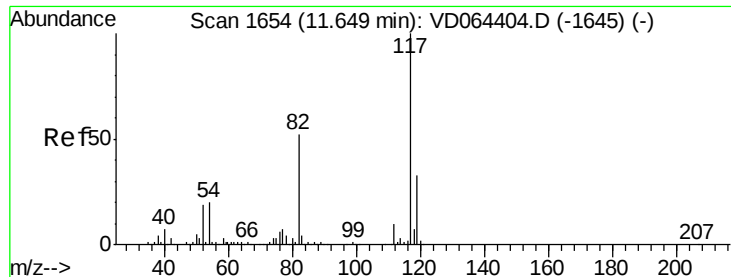
Tot Ion: 98 Resp: 785748
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.867 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064507.D
Acq: 13 Dec 2019 15:19

Tgt Ion: 95 Resp: 270428
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.2
176 94.8 0.0 189.6

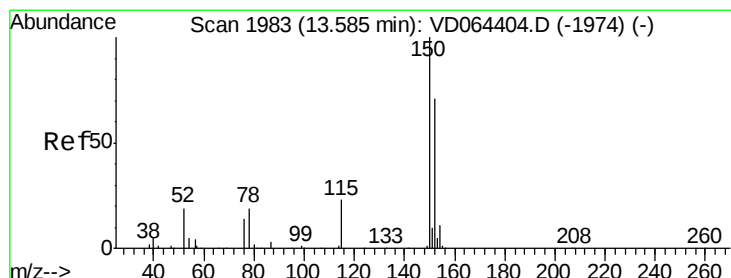
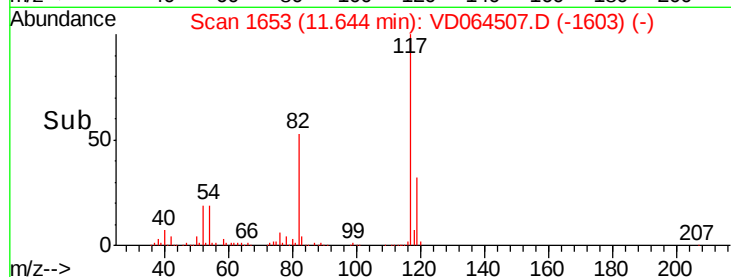
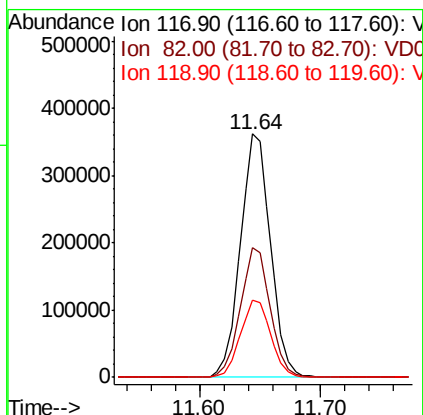
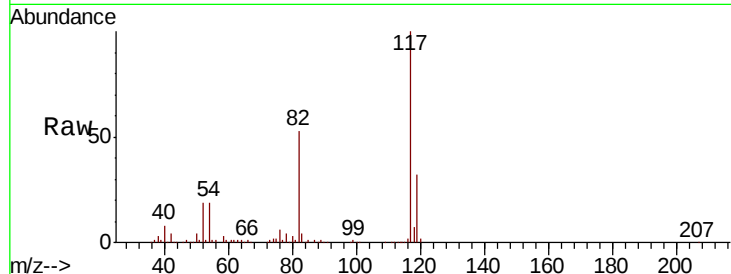




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064507.D
Acq: 13 Dec 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.4	62.2
119	31.8	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: VD064507.D
Acq: 13 Dec 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.7	80.1
150	159.5	0.0	347.2

