

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064540.D
 Acq On : 17 Dec 2019 12:46
 Operator : VA/SY
 Sample : K6318-02
 Misc : 7.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 X089-SB-2

Quant Time: Dec 18 03:04:15 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

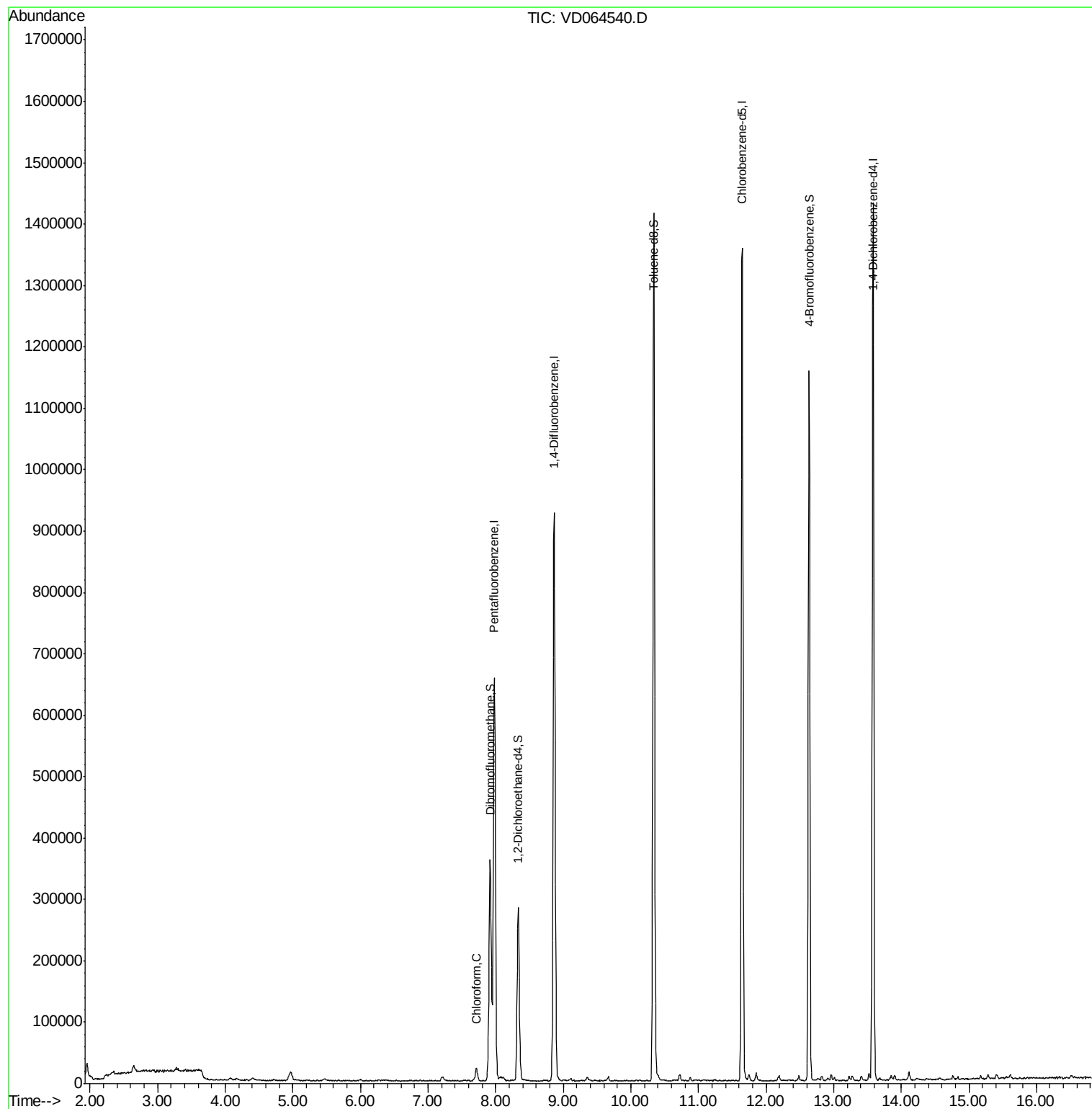
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	518516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	813299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	794533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227135	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	7.91	113	249195	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.34	98	978981	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.64	95	342431	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
Target Compounds						
30) Chloroform	7.71	83	19401	2.163	ug/l	Qvalue 95

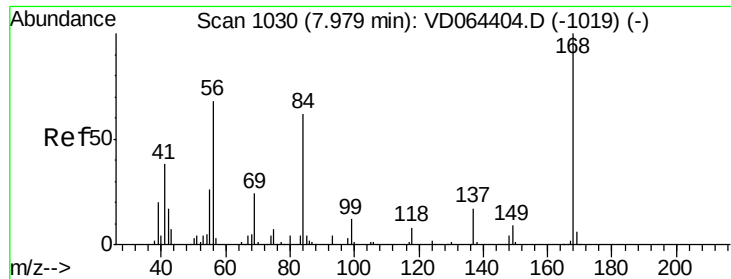
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064540.D

Acq: 17 Dec 2019 12:46

Instrument :

MSVOA_D

ClientSampleId :

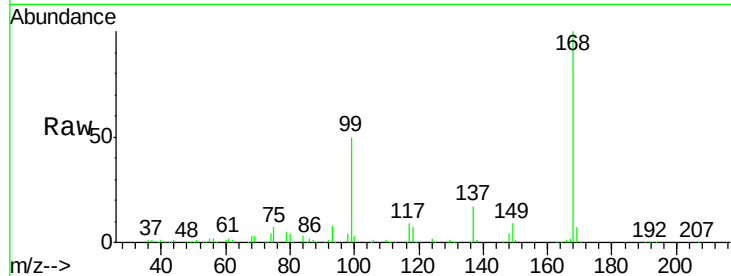
X089-SB-2

Tot Ion:168 Resp: 518516

Ion Ratio Lower Upper

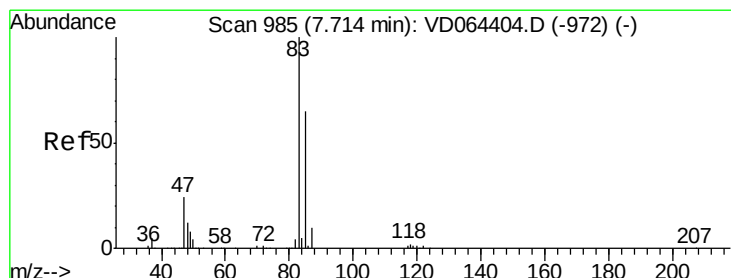
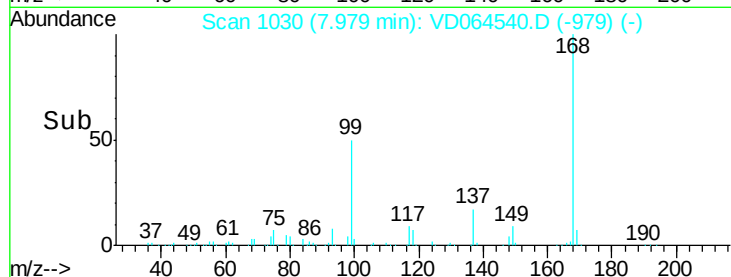
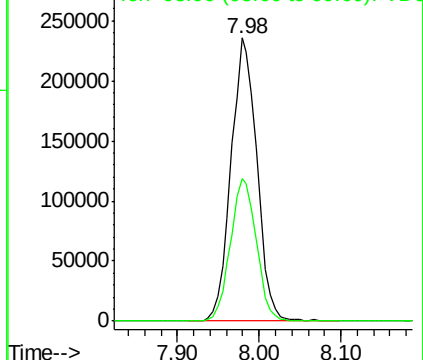
168 100

99 50.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 2.163 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064540.D

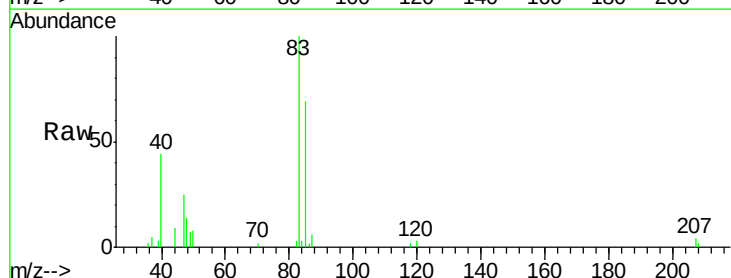
Acq: 17 Dec 2019 12:46

Tgt Ion: 83 Resp: 19401

Ion Ratio Lower Upper

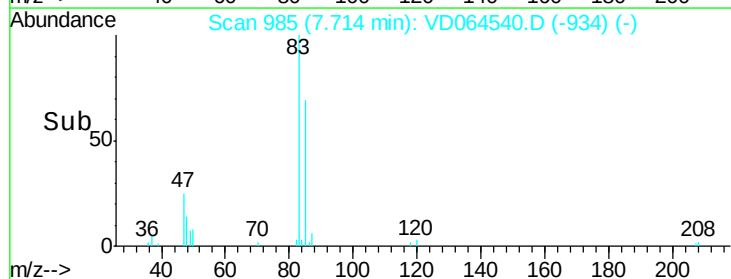
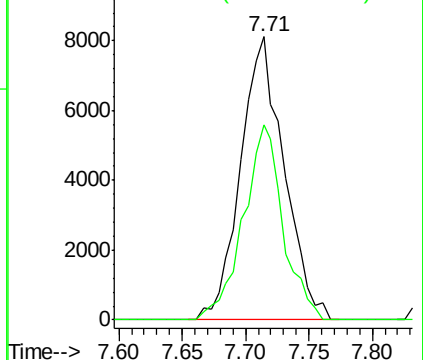
83 100

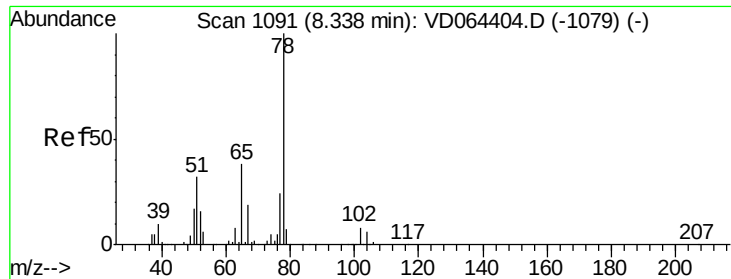
85 68.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

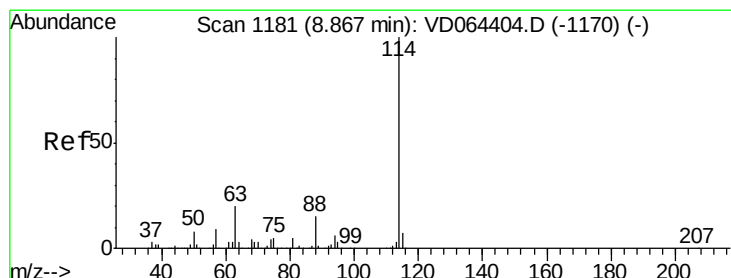
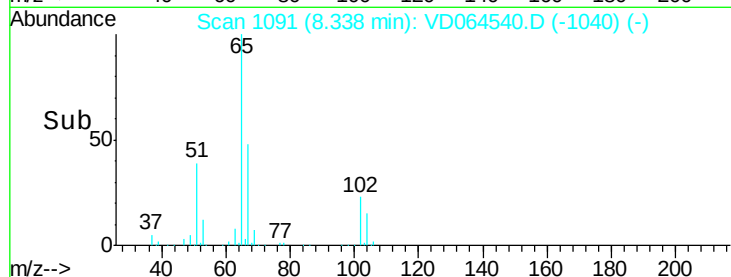
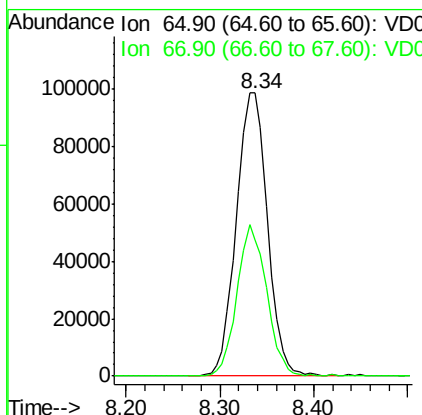
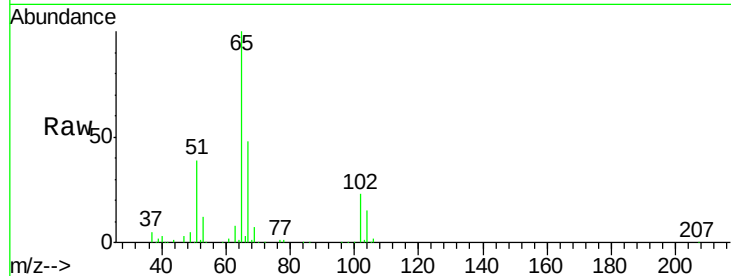




#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064540.D
 Acq: 17 Dec 2019 12:46

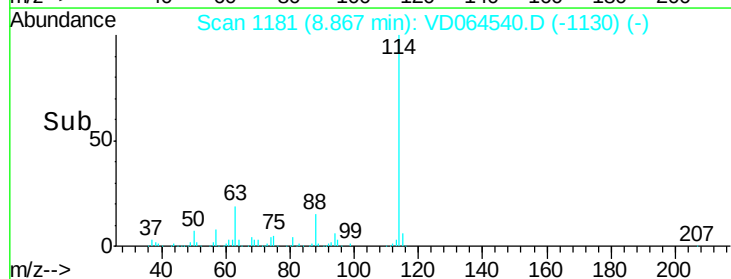
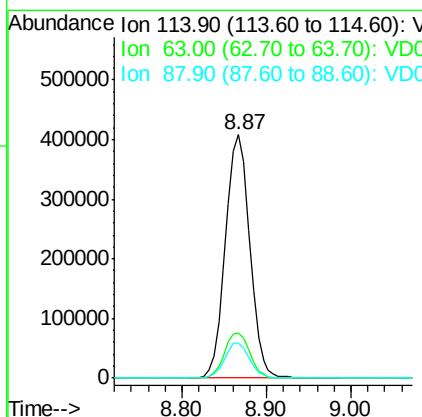
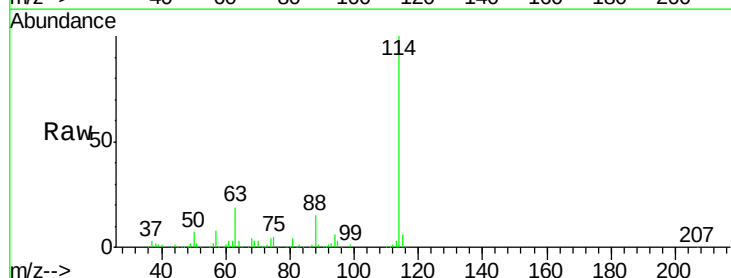
Instrument :
 MSVOA_D
 ClientSampleId :
 X089-SB-2

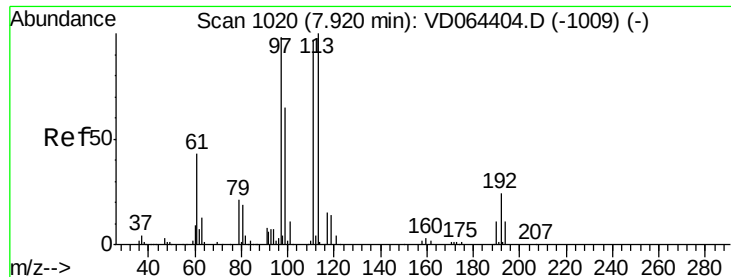
Tot Ion: 65 Resp: 227135
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064540.D
 Acq: 17 Dec 2019 12:46

Tgt Ion: 114 Resp: 813299
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 14.5 0.0 29.2

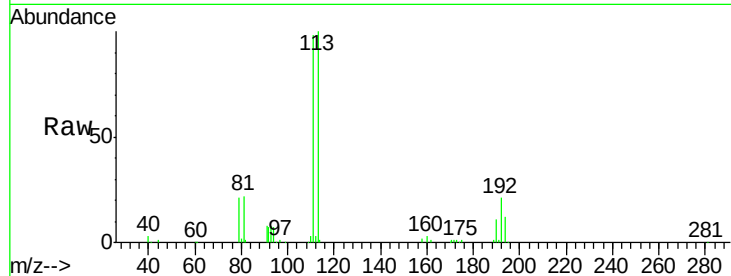




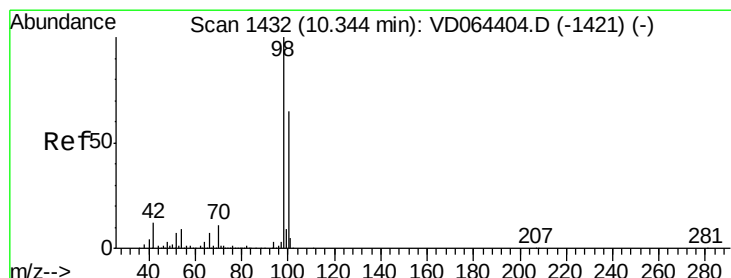
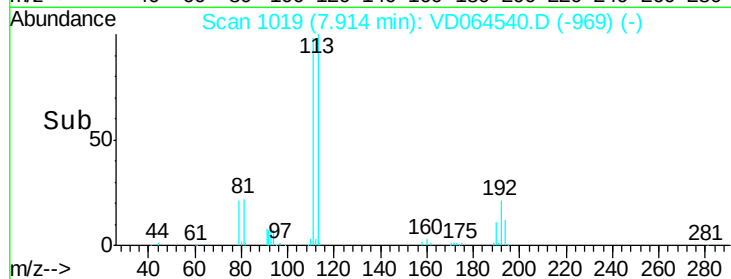
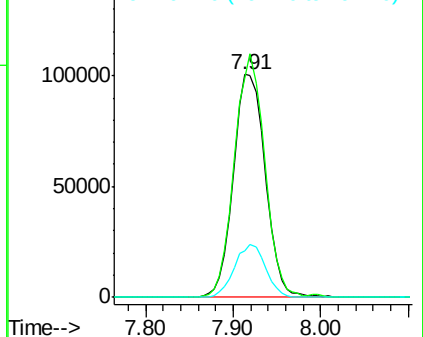
#35
 Dibromofluoromethane
 Concen: 48.631 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064540.D
 Acq: 17 Dec 2019 12:46

Instrument :
 MSVOA_D
 ClientSampleId :
 X089-SB-2

Tot Ion:113 Resp: 249195
 Ion Ratio Lower Upper
 113 100
 111 103.3 79.4 119.2
 192 23.2 18.6 28.0

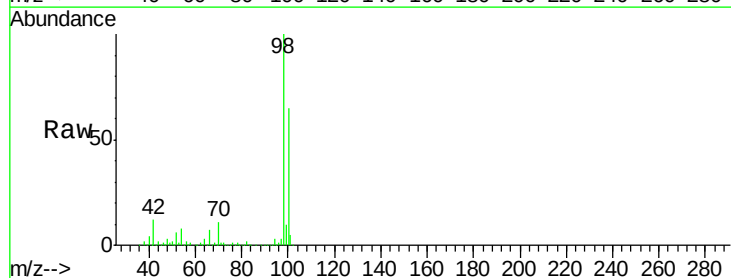


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

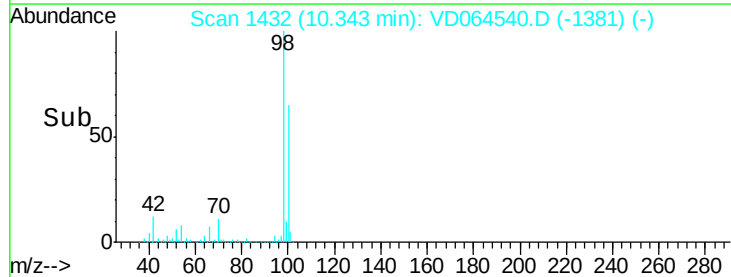
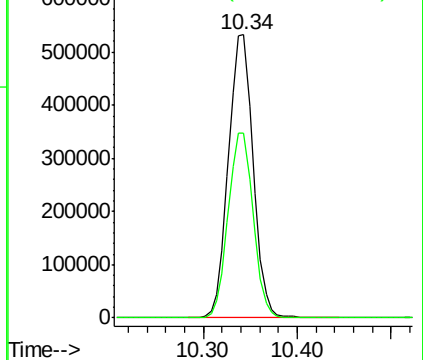


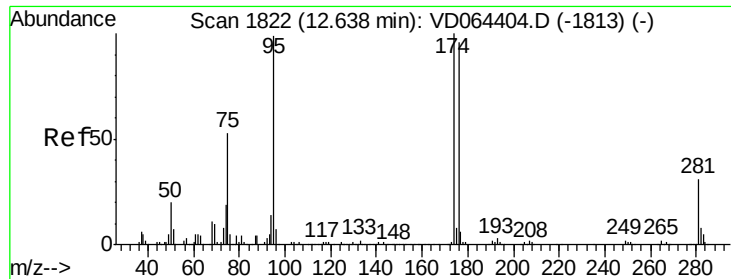
#50
 Toluene-d8
 Concen: 50.718 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064540.D
 Acq: 17 Dec 2019 12:46

Tgt Ion: 98 Resp: 978981
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

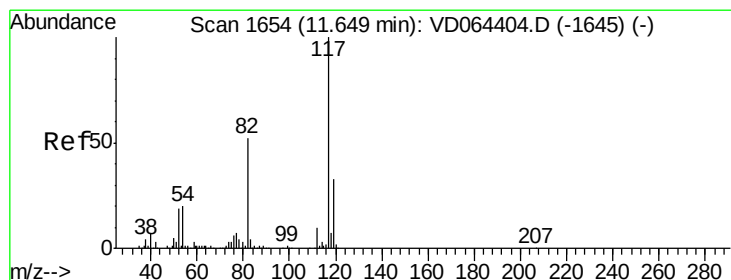
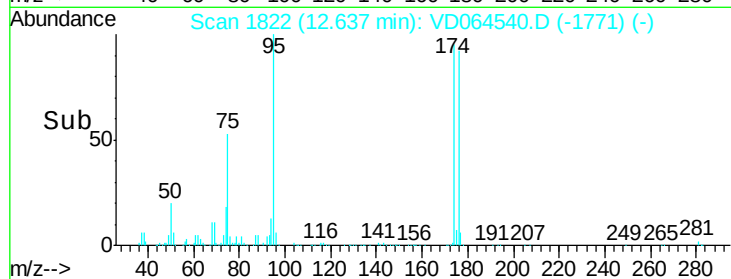
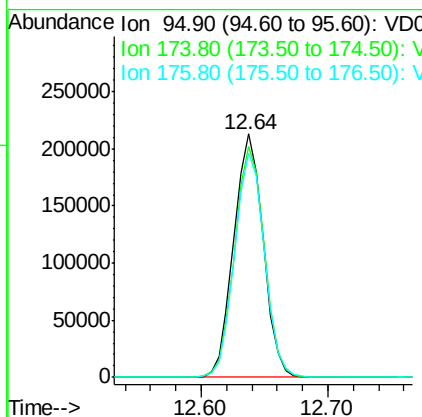
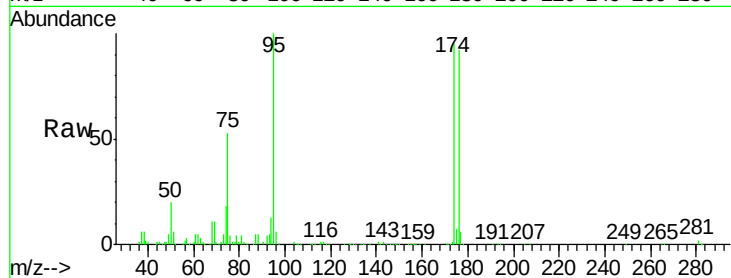




#62
4-Bromofluorobenzene
Concen: 55.202 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064540.D
Acq: 17 Dec 2019 12:46

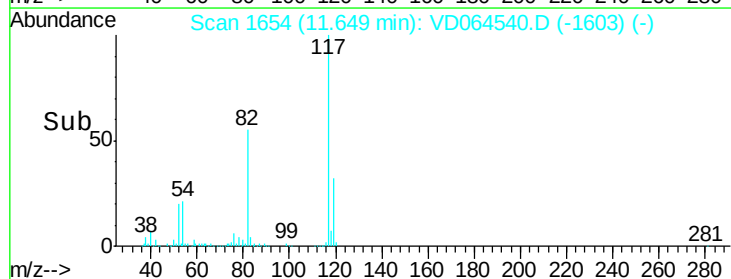
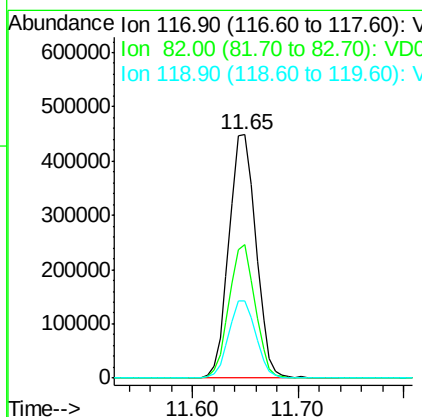
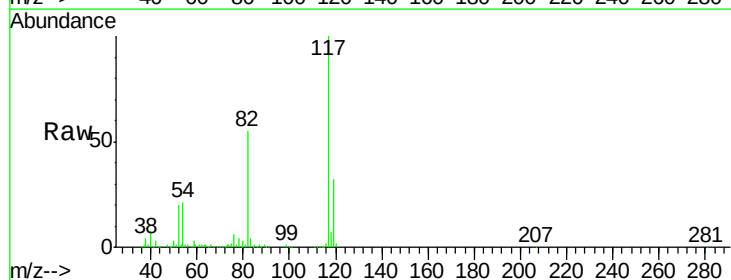
Instrument :
MSVOA_D
ClientSampled :
X089-SB-2

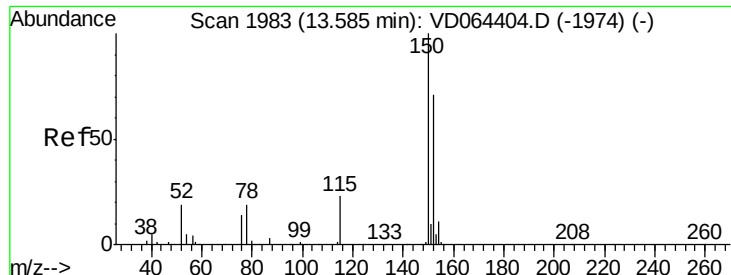
Tot Ion: 95 Resp: 342431
Ion Ratio Lower Upper
95 100
174 95.8 0.0 197.2
176 93.0 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064540.D
Acq: 17 Dec 2019 12:46

Tgt Ion: 117 Resp: 794533
Ion Ratio Lower Upper
117 100
82 54.7 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: VD064540.D

Acq: 17 Dec 2019 12:46

Instrument :

MSVOA_D

ClientSampleId :

X089-SB-2

Tot Ion:152 Resp: 389552

Ion Ratio Lower Upper

152 100

115 54.3 26.7 80.1

150 156.8 0.0 347.2

