

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064514.D
 Acq On : 13 Dec 2019 18:46
 Operator : VA/SY
 Sample : K6294-04
 Misc : 6.5G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 14 00:44:31 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

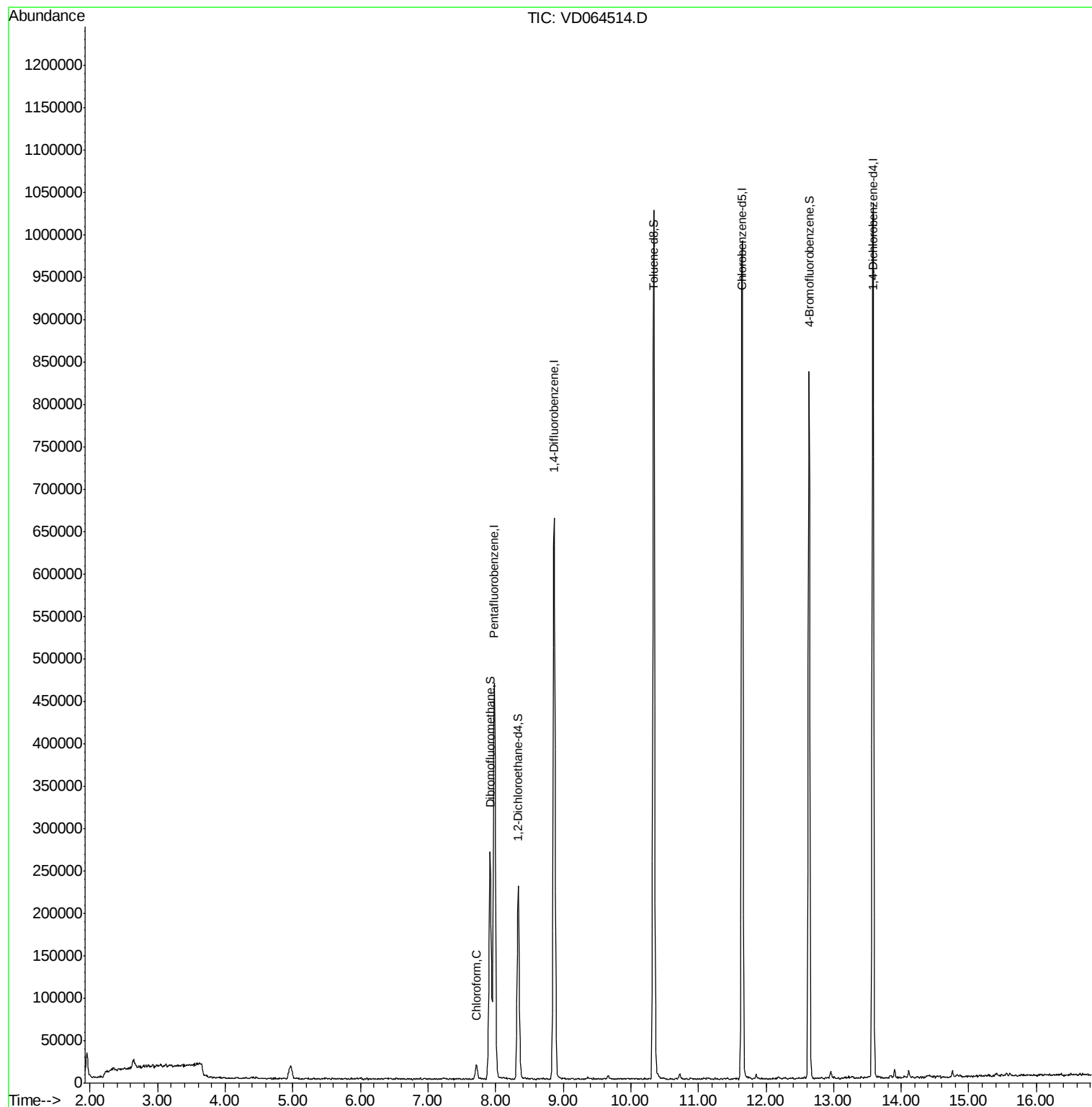
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	372573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	584258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	573807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	180669	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.91	113	186717	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.34	98	708810	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	249328	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
Target Compounds						
30) Chloroform	7.71	83	15702	2.437	ug/l	Qvalue 97

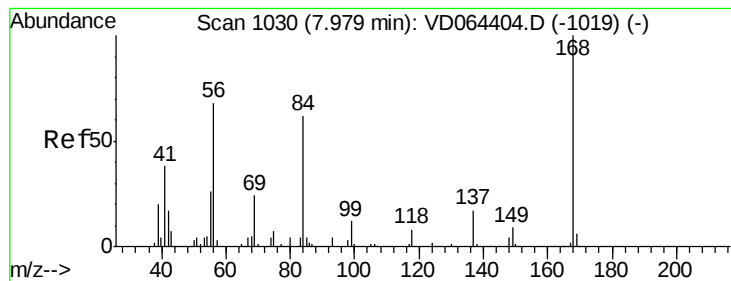
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064514.D

Acq: 13 Dec 2019 18:46

Instrument :

MSVOA_D

ClientSampled :

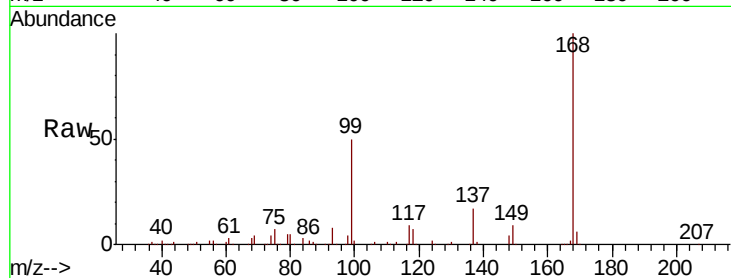
TP-2

Tot Ion:168 Resp: 372573

Ion Ratio Lower Upper

168 100

99 49.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

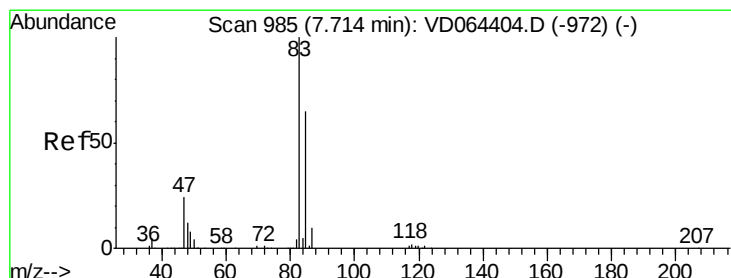
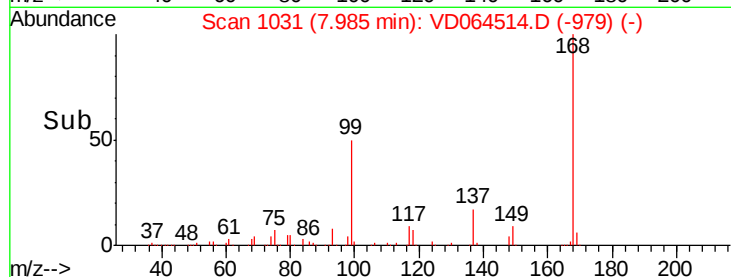
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 2.437 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064514.D

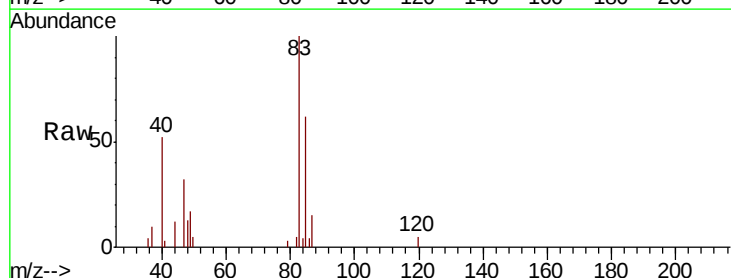
Acq: 13 Dec 2019 18:46

Tgt Ion: 83 Resp: 15702

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

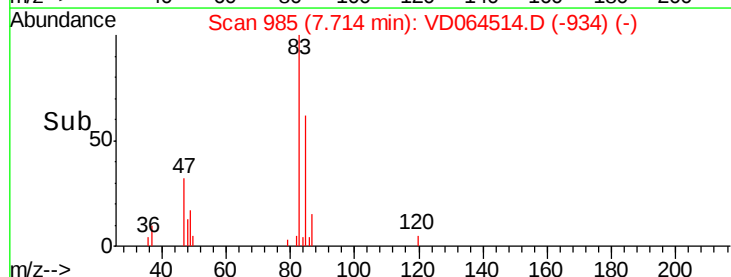
6000

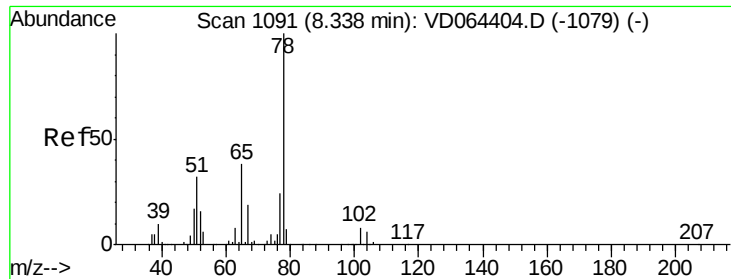
4000

2000

0

Time-->

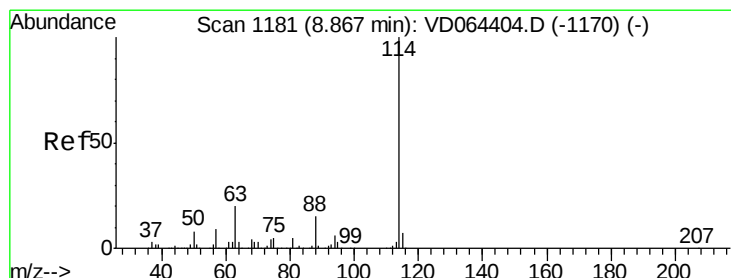
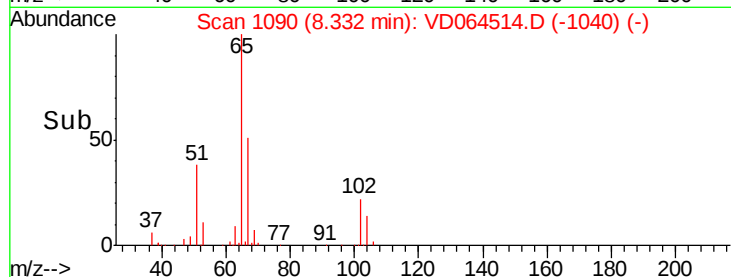
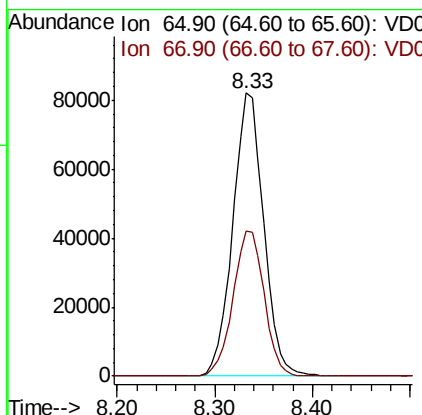
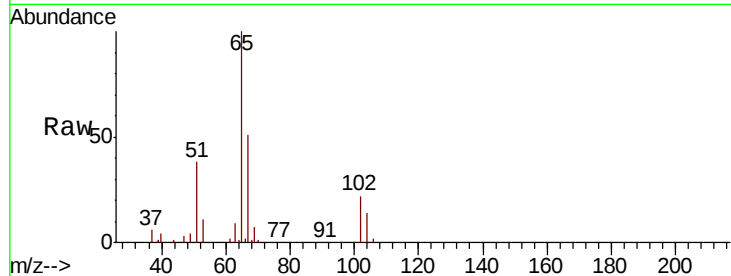




#33
 1,2-Dichloroethane-d4
 Concen: 53.574 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

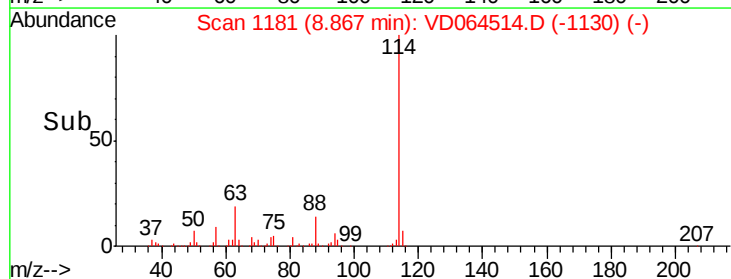
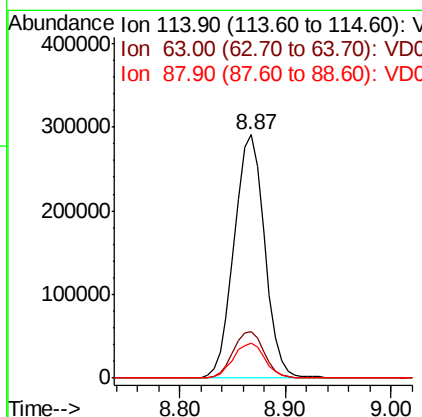
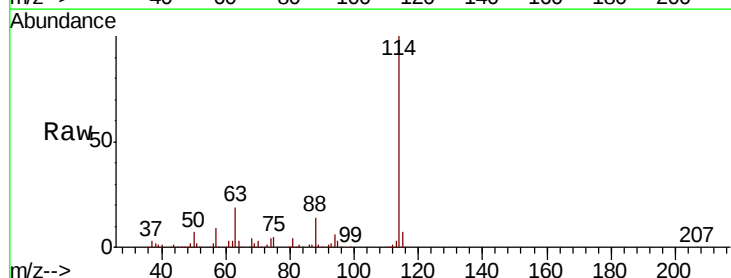
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

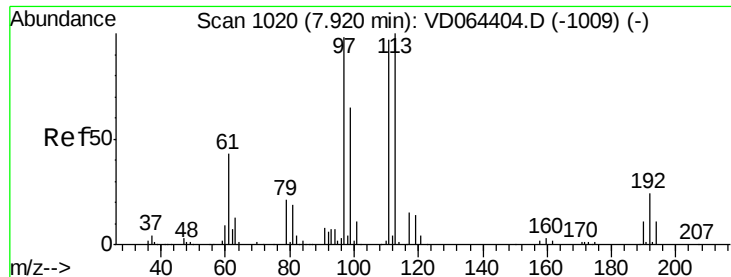
Tot Ion: 65 Resp: 180669
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Tgt Ion: 114 Resp: 584258
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 14.4 0.0 29.2

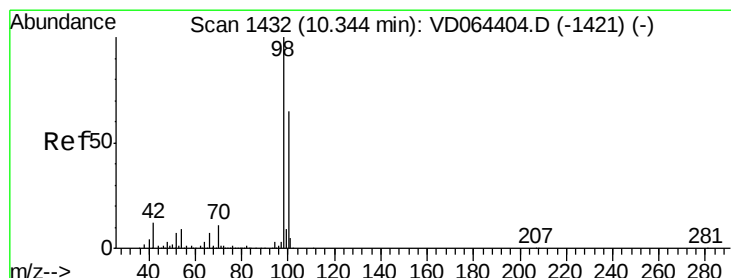
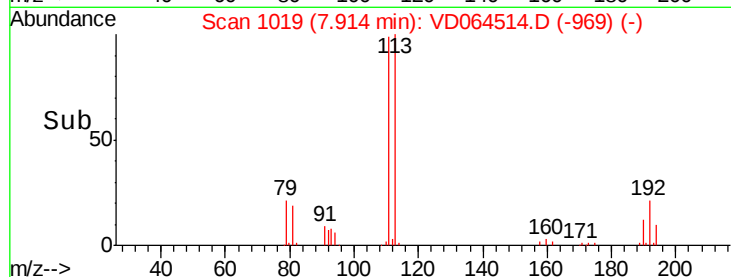
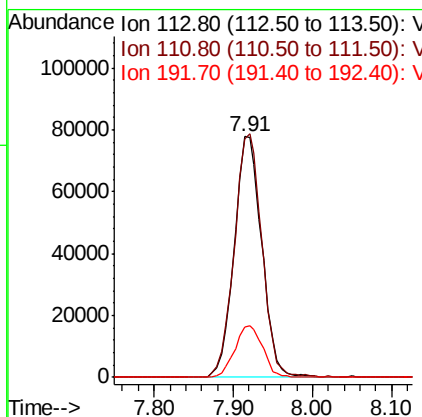
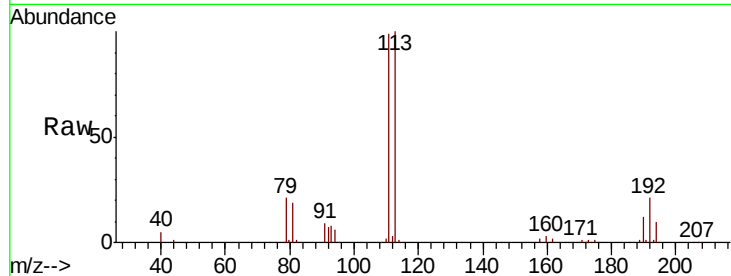




#35
 Dibromofluoromethane
 Concen: 50.723 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

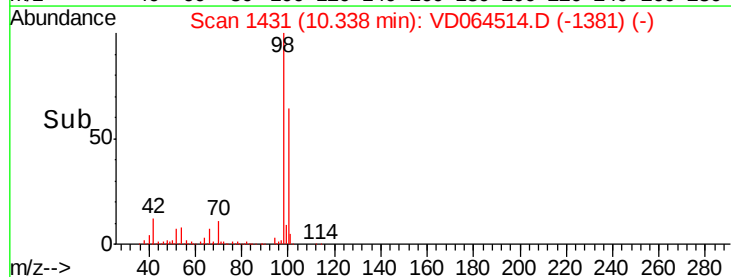
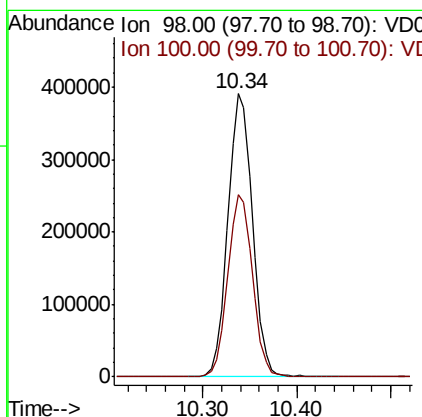
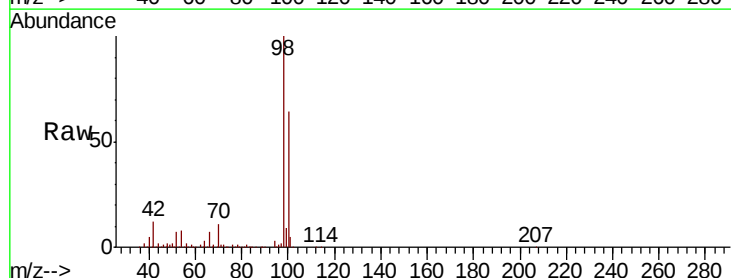
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

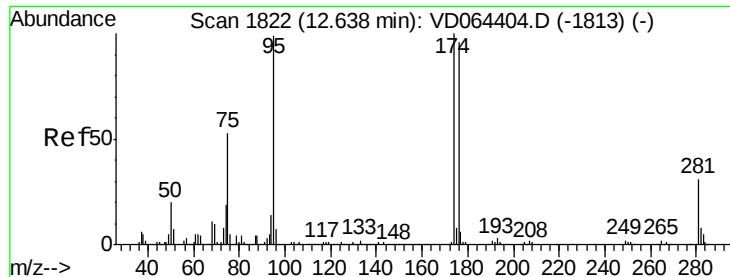
Tot Ion:113 Resp: 186717
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.4 119.2
 192 21.9 18.6 28.0



#50
 Toluene-d8
 Concen: 51.117 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064514.D
 Acq: 13 Dec 2019 18:46

Tgt Ion: 98 Resp: 708810
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.6 79.0

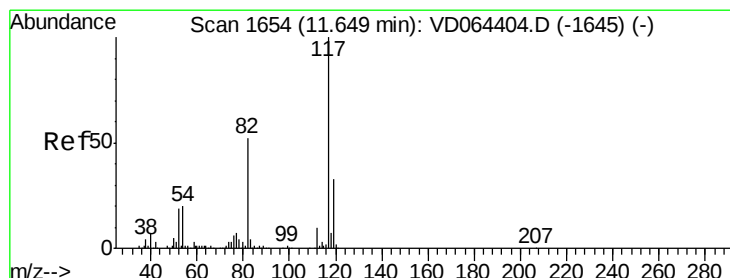
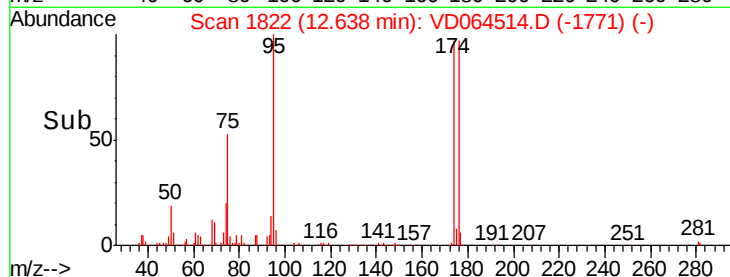
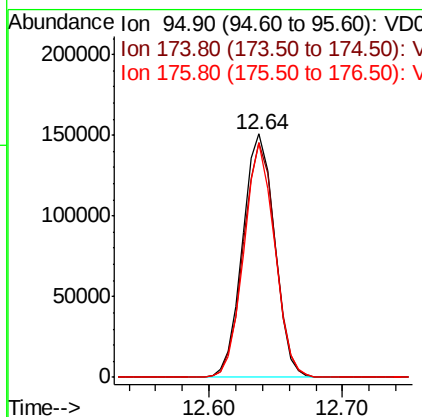
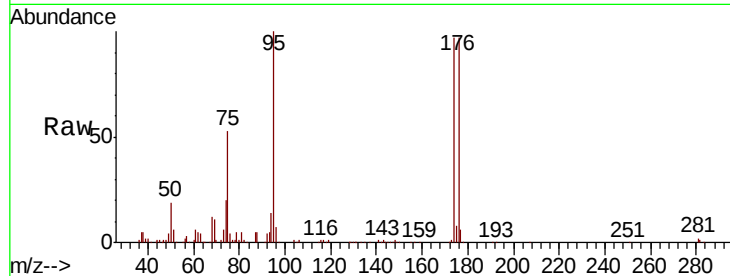




#62
4-Bromofluorobenzene
Concen: 55.950 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

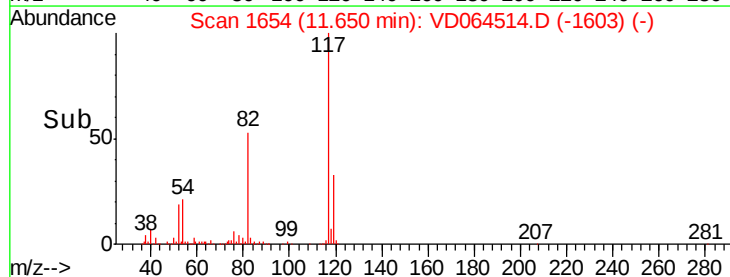
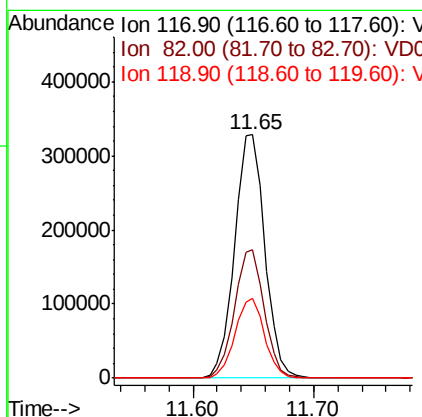
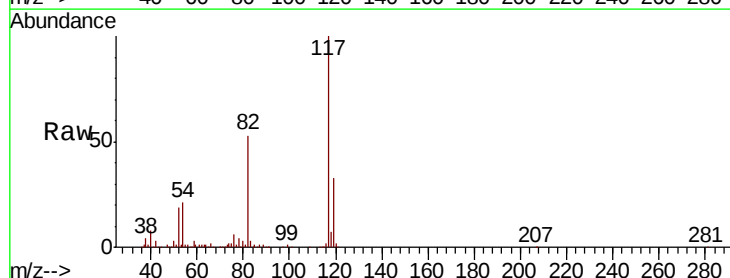
Instrument :
MSVOA_D
ClientSampleId :
TP-2

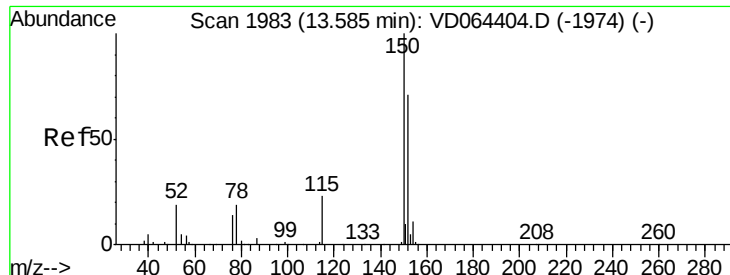
Tot Ion: 95 Resp: 249328
Ion Ratio Lower Upper
95 100
174 95.6 0.0 197.2
176 92.2 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064514.D
Acq: 13 Dec 2019 18:46

Tgt Ion: 117 Resp: 573807
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.7 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: VD064514.D

Acq: 13 Dec 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

TP-2

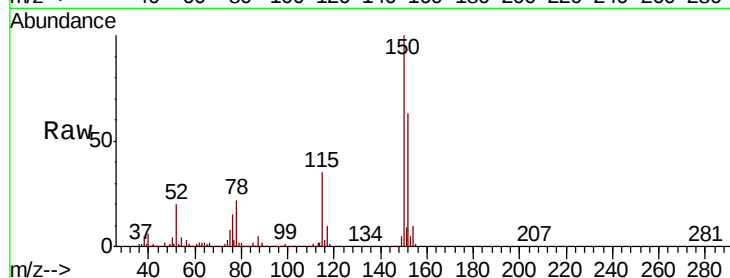
Tot Ion:152 Resp: 284682

Ion Ratio Lower Upper

152 100

115 54.2 26.7 80.1

150 157.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

