

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064563.D
 Acq On : 23 Dec 2019 12:43
 Operator : VA/SY
 Sample : K6396-01
 Misc : 5.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(0-2)

Quant Time: Dec 24 06:07:11 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

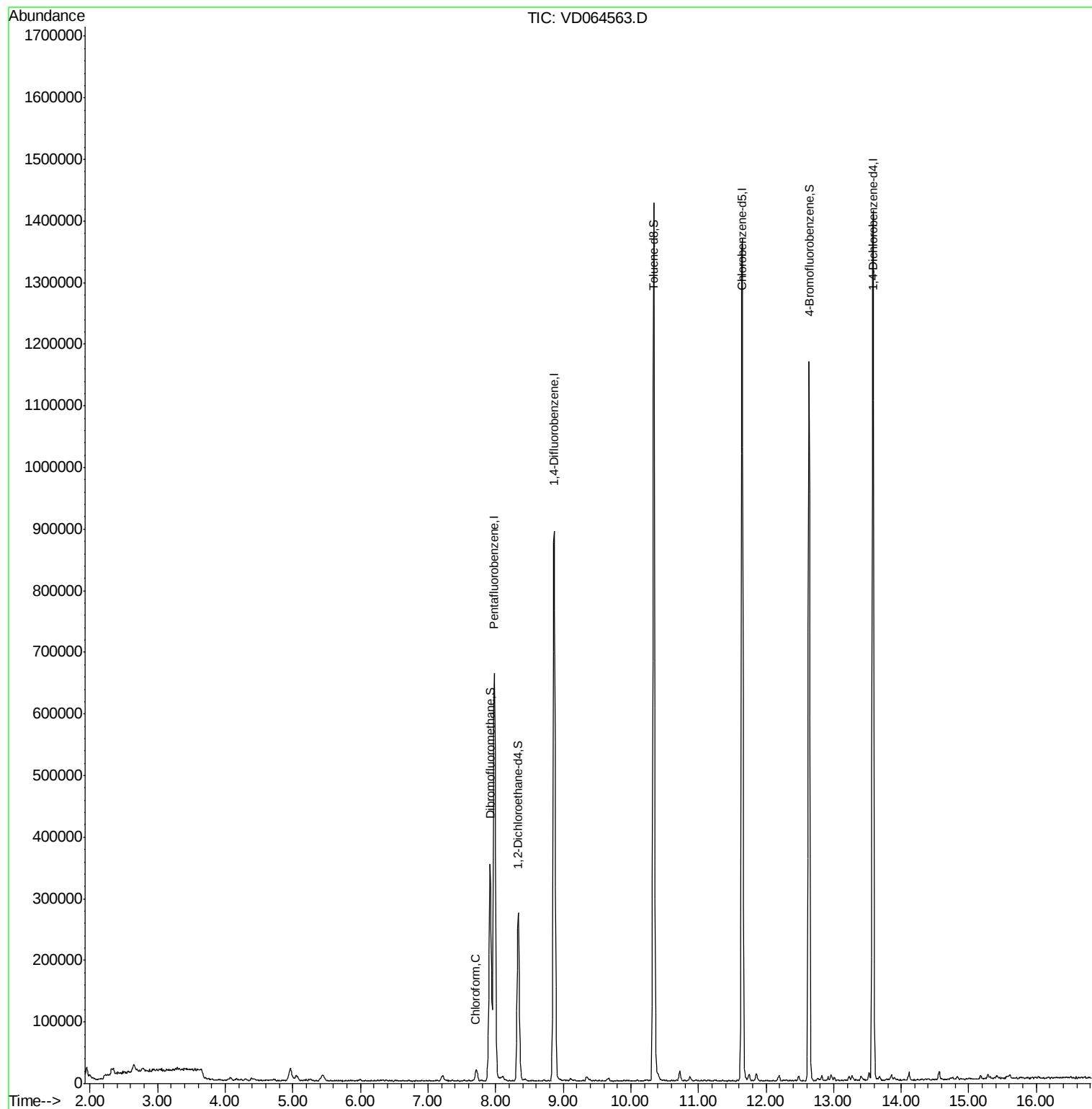
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	528059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	787574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	388775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	220220	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.92	113	239006	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.34	98	962569	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.64	95	347847	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
Target Compounds						
30) Chloroform	7.71	83	17279	1.892	ug/l	Qvalue 94

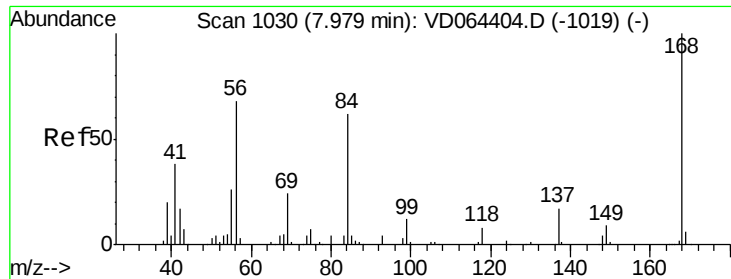
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. 0.01 min

Lab File: VD064563.D

Acq: 23 Dec 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

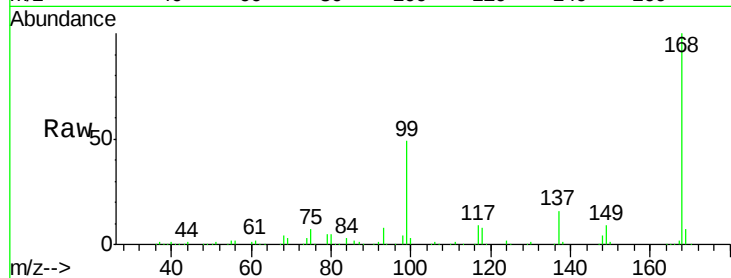
SB-1-(0-2)

Tot Ion:168 Resp: 528059

Ion Ratio Lower Upper

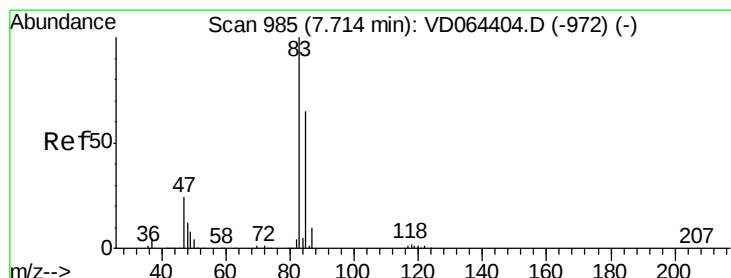
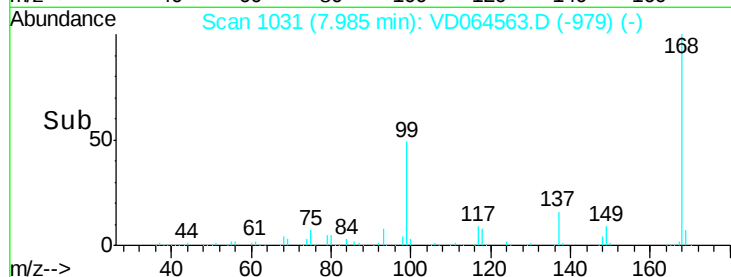
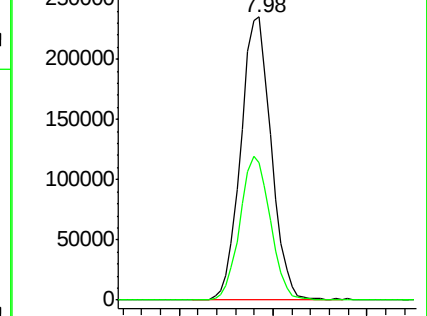
168 100

99 48.5 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: 1.892 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064563.D

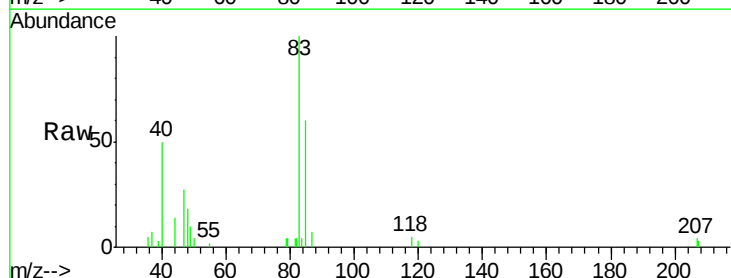
Acq: 23 Dec 2019 12:43

Tgt Ion: 83 Resp: 17279

Ion Ratio Lower Upper

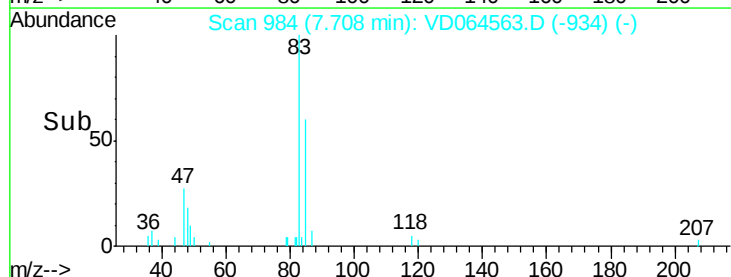
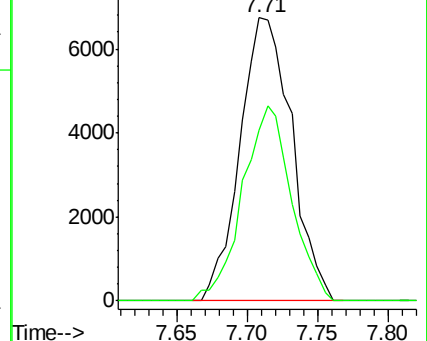
83 100

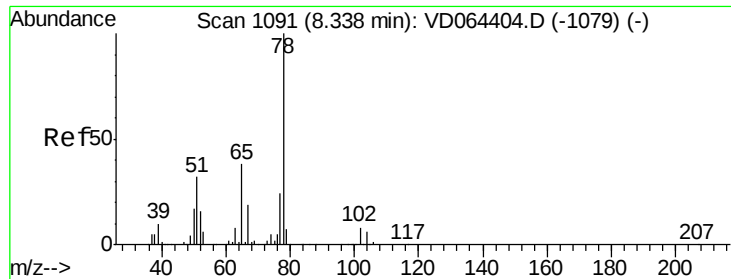
85 60.3 51.8 77.6



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: 46.074 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064563.D

Acq: 23 Dec 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

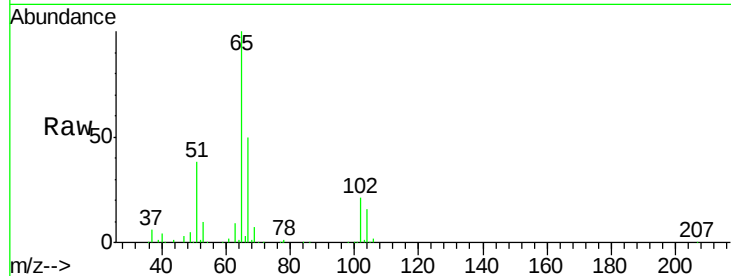
SB-1-(0-2)

Tot Ion: 65 Resp: 220220

Ion Ratio Lower Upper

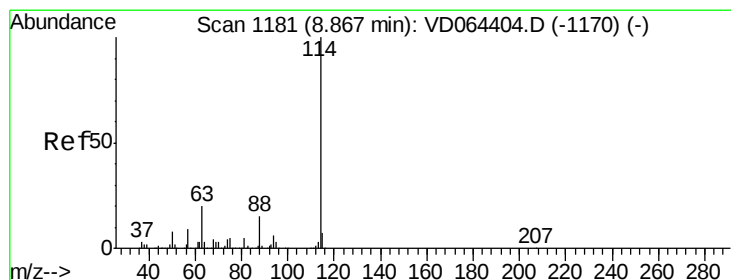
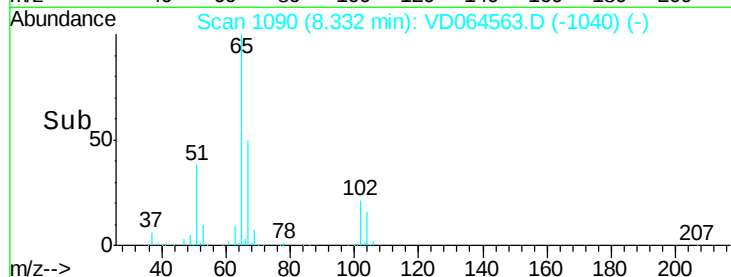
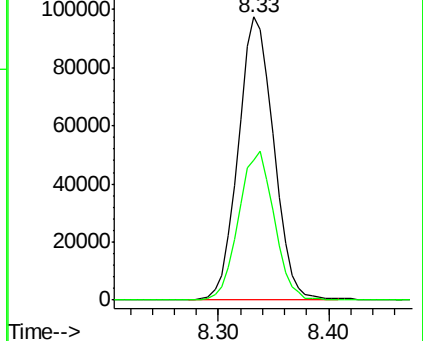
65 100

67 52.7 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: VD064563.D

Acq: 23 Dec 2019 12:43

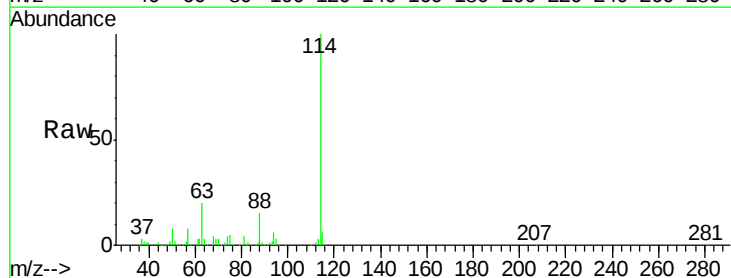
Tgt Ion: 114 Resp: 799184

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

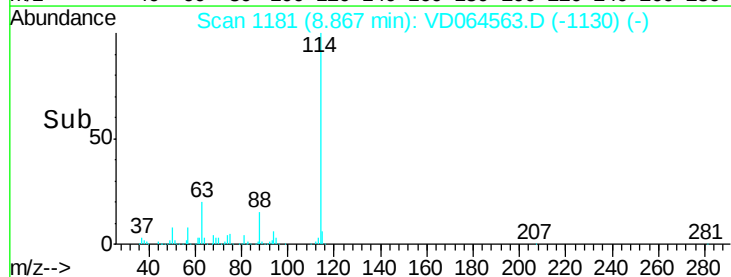
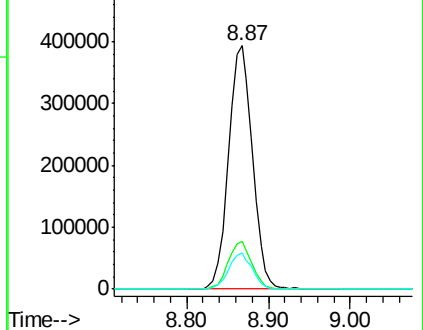
88 14.7 0.0 29.2

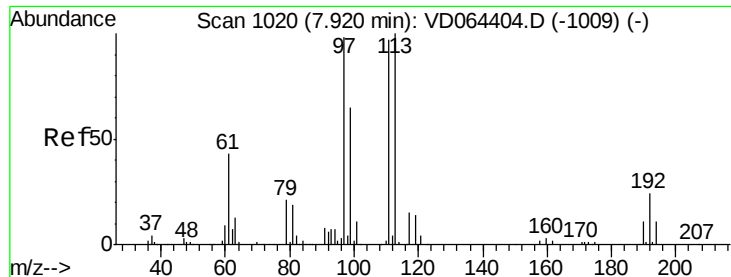


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

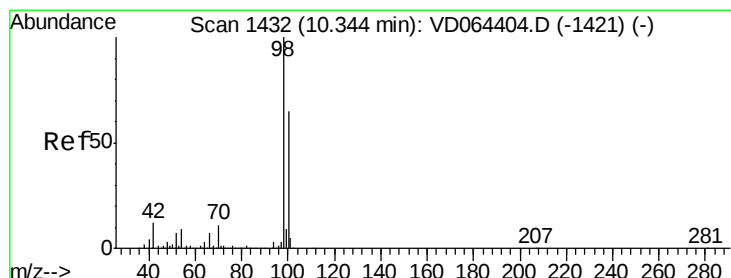
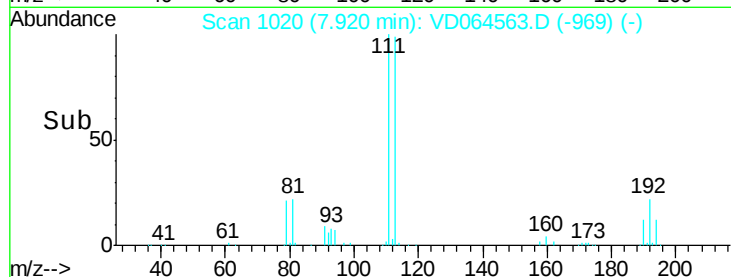
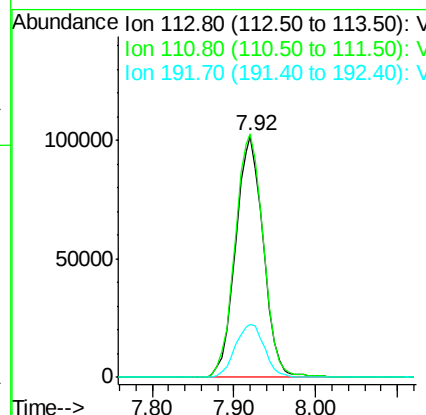
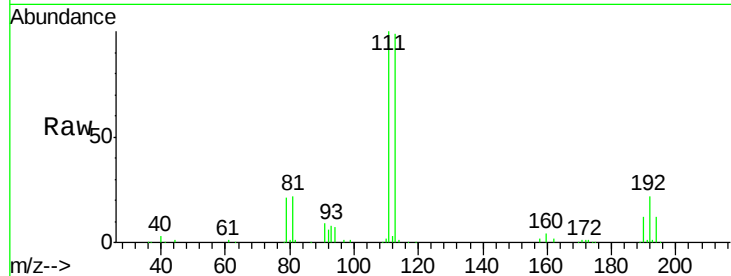




#35
 Dibromofluoromethane
 Concen: 47.466 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064563.D
 Acq: 23 Dec 2019 12:43

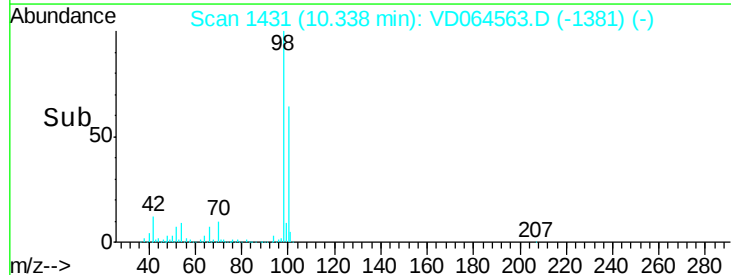
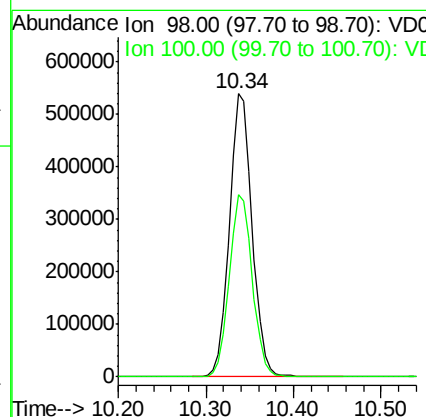
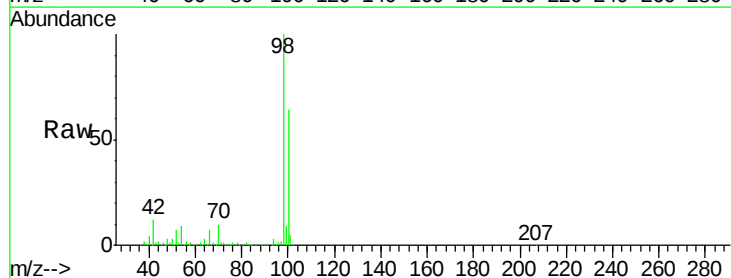
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1-(0-2)

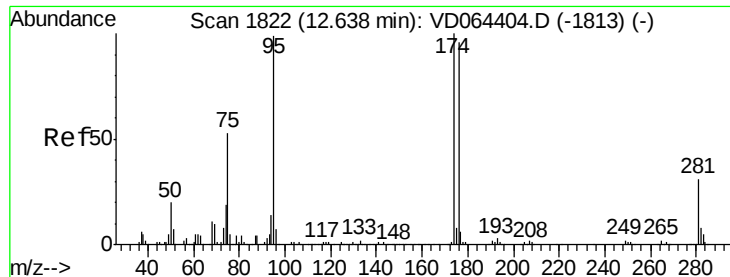
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	79.4	119.2
192	23.0	18.6	28.0



#50
 Toluene-d8
 Concen: 50.749 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064563.D
 Acq: 23 Dec 2019 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0

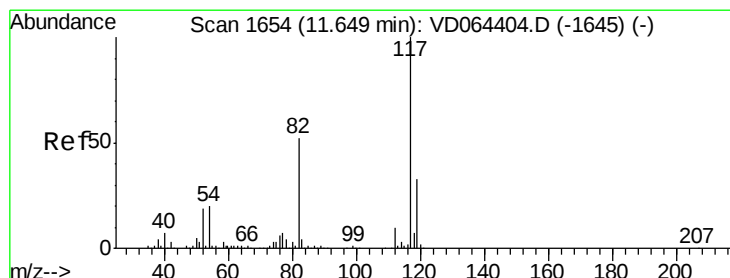
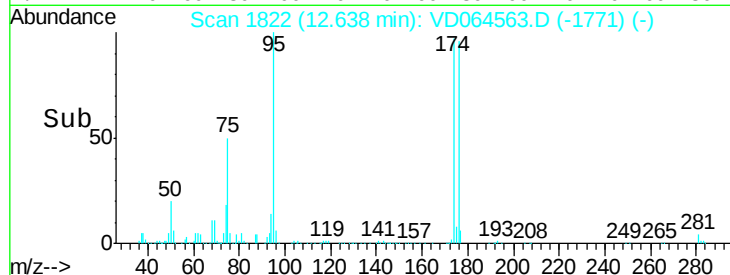
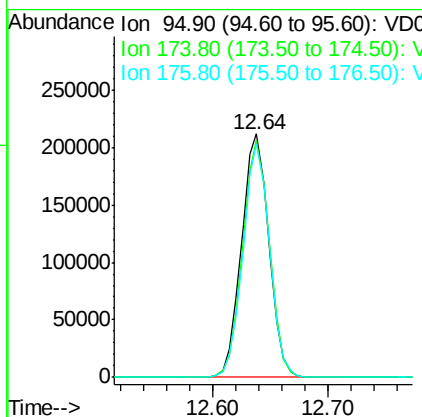
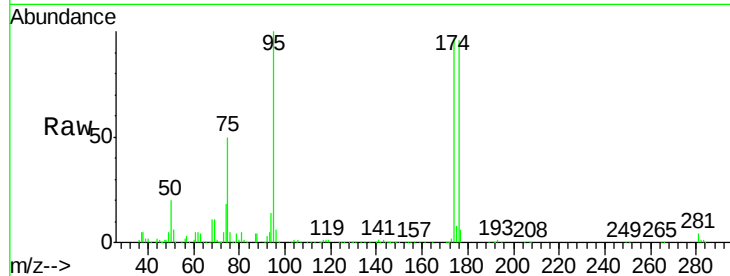




#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064563.D
Acq: 23 Dec 2019 12:43

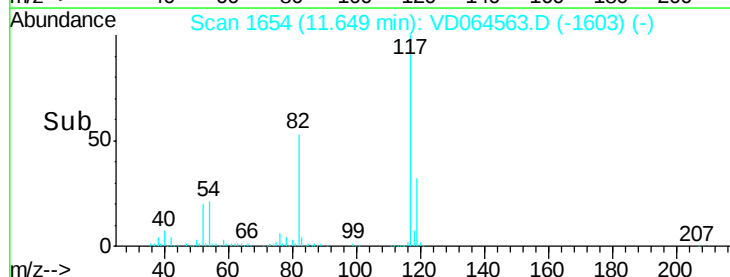
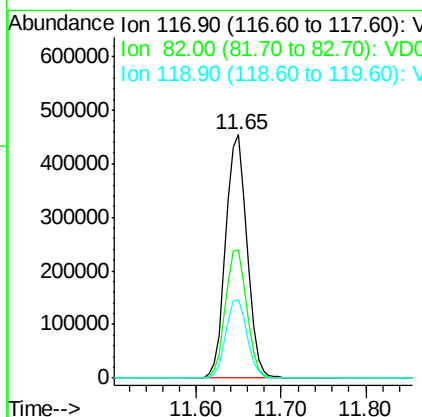
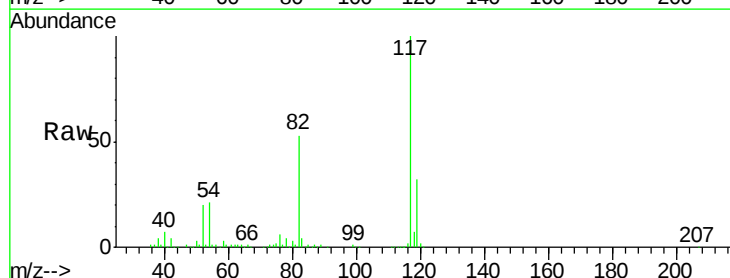
Instrument :
MSVOA_D
ClientSampled :
SB-1-(0-2)

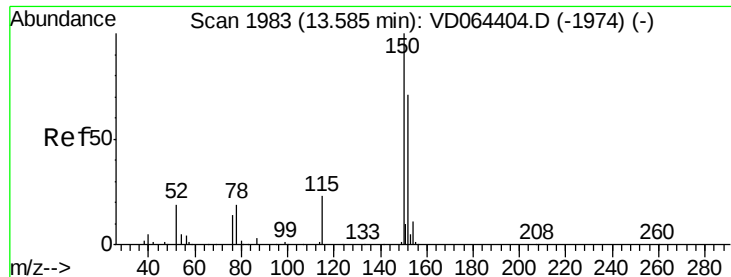
Tot Ion: 95 Resp: 347847
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.2
176 93.2 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064563.D
Acq: 23 Dec 2019 12:43

Tgt Ion: 117 Resp: 787574
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 32.1 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: VD064563.D

Acq: 23 Dec 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

SB-1-(0-2)

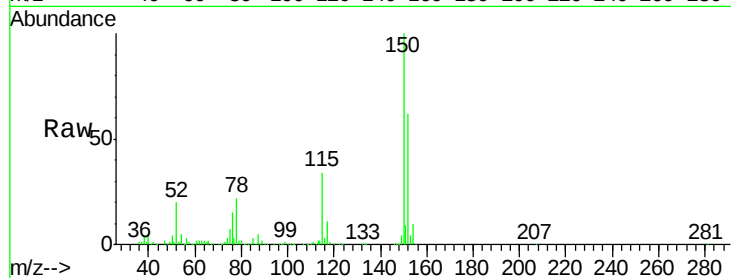
Tot Ion:152 Resp: 388775

Ion Ratio Lower Upper

152 100

115 53.9 26.7 80.1

150 156.1 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

