

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064578.D
 Acq On : 23 Dec 2019 19:53
 Operator : VA/SY
 Sample : K6421-01
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 24 06:33:03 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

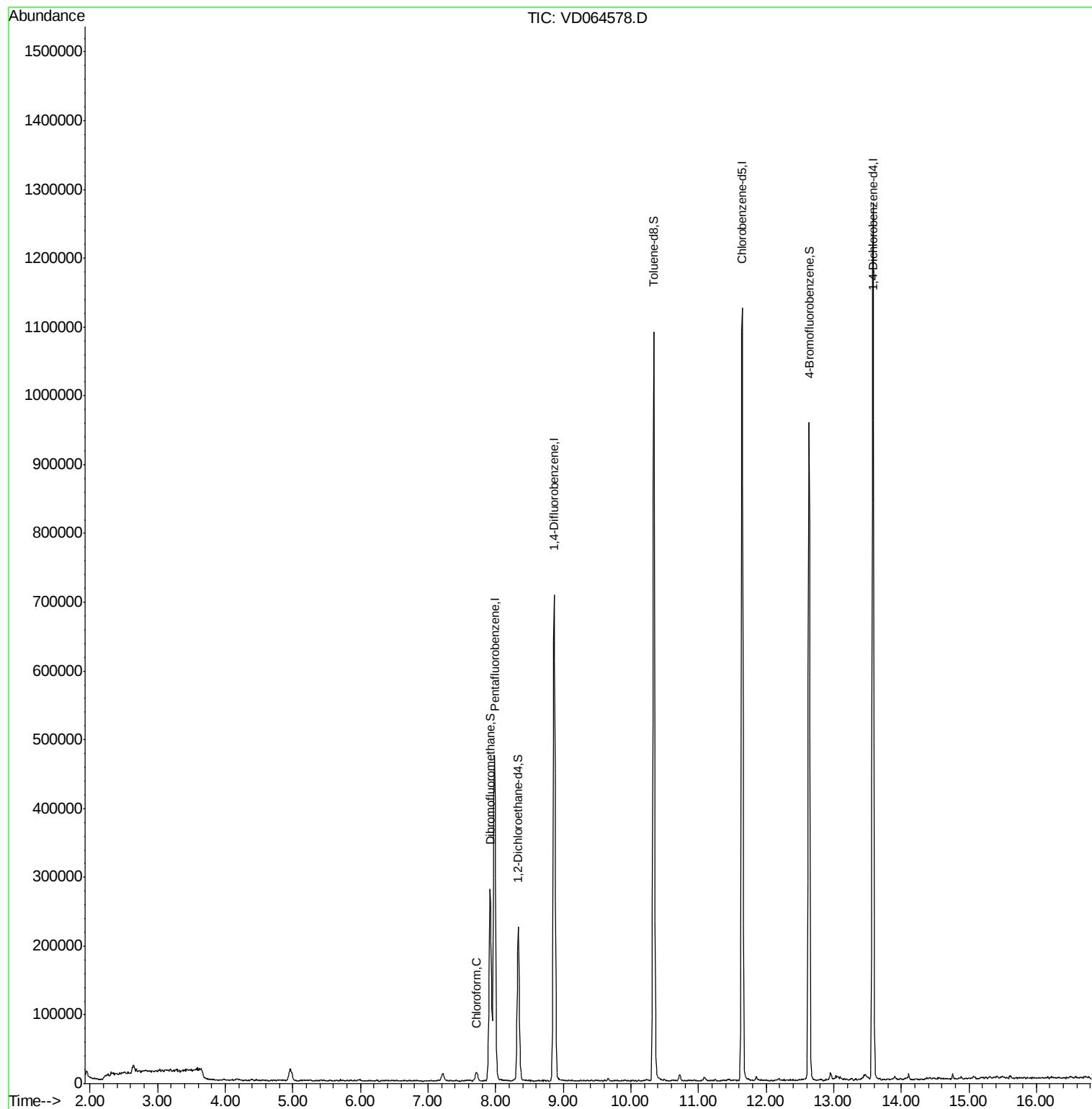
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	375127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	646901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	174260	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.92	113	191578	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	10.34	98	750631	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.64	95	290967	62.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.36%	
Target Compounds						
30) Chloroform	7.72	83	12056	1.858	ug/l #	Qvalue 78

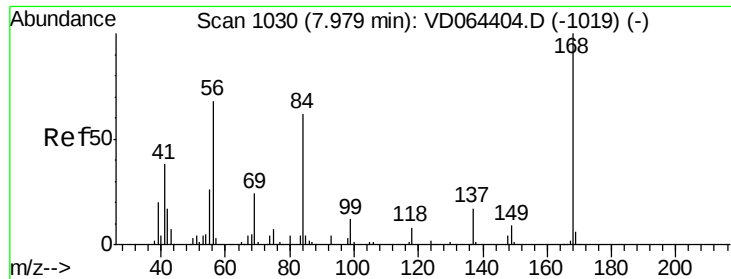
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

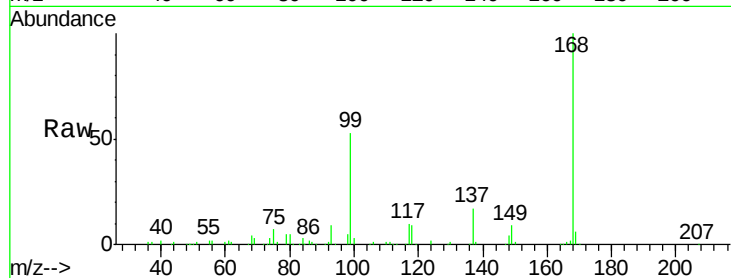
TP-2

Tot Ion:168 Resp: 375127

Ion Ratio Lower Upper

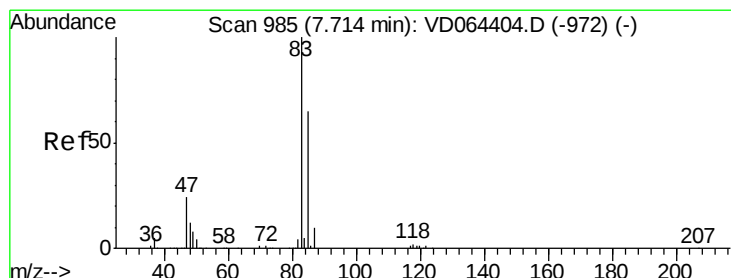
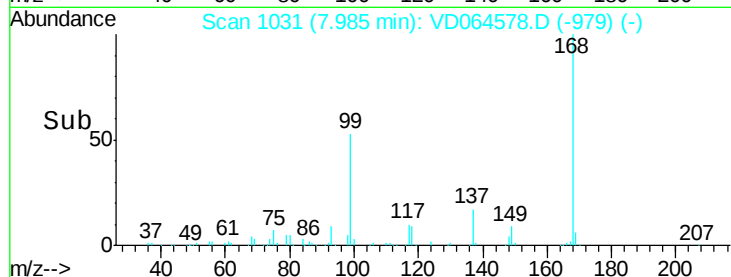
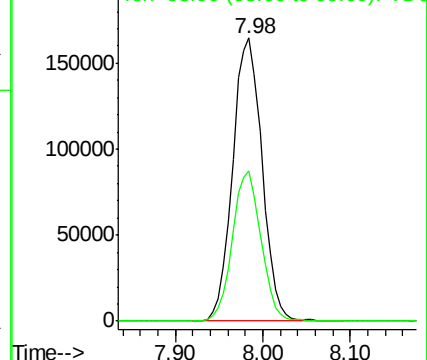
168 100

99 53.2 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: 1.858 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064578.D

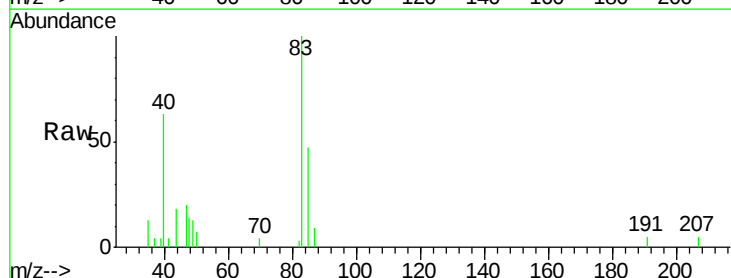
Acq: 23 Dec 2019 19:53

Tgt Ion: 83 Resp: 12056

Ion Ratio Lower Upper

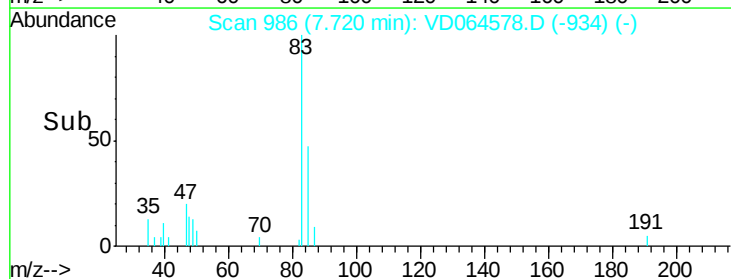
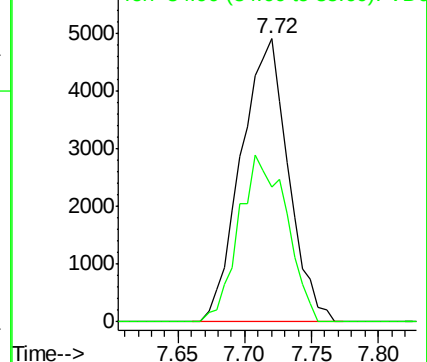
83 100

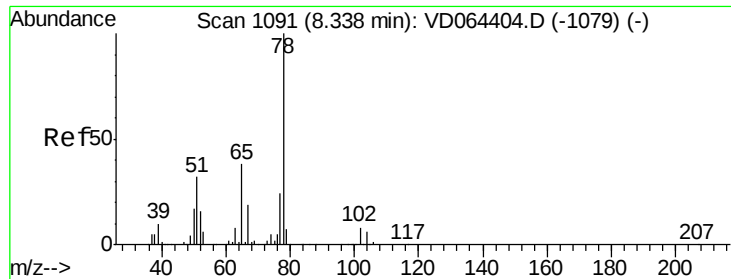
85 47.5 51.8 77.6#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

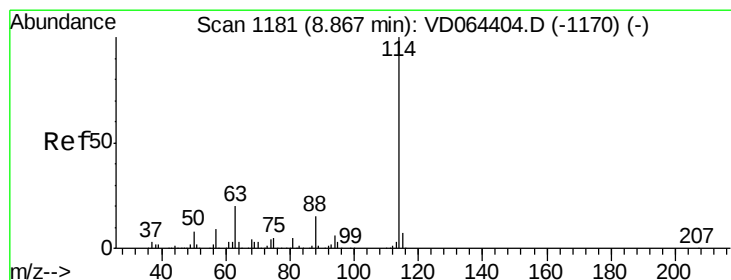
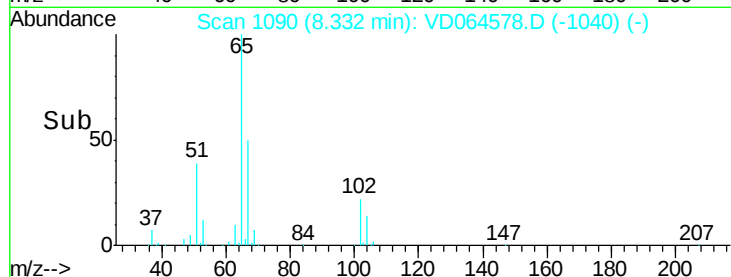
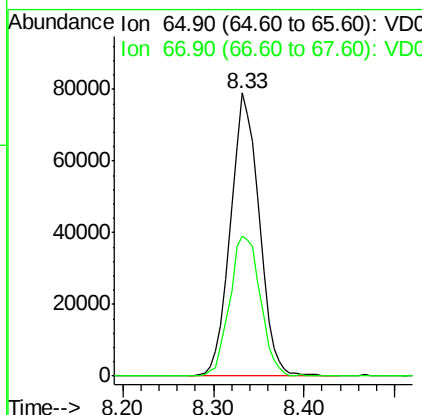
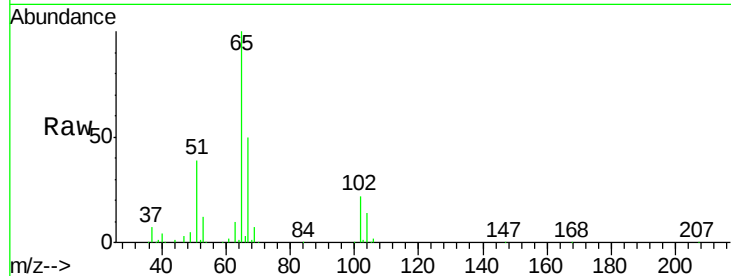




#33
 1,2-Dichloroethane-d4
 Concen: 51.322 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

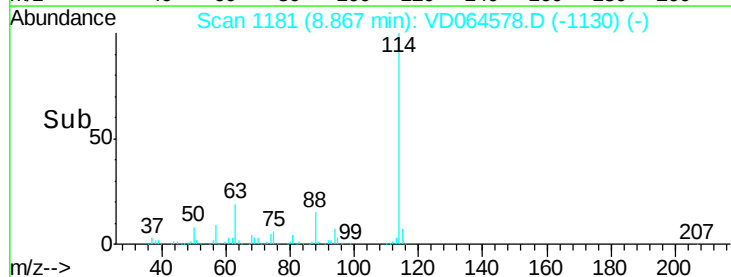
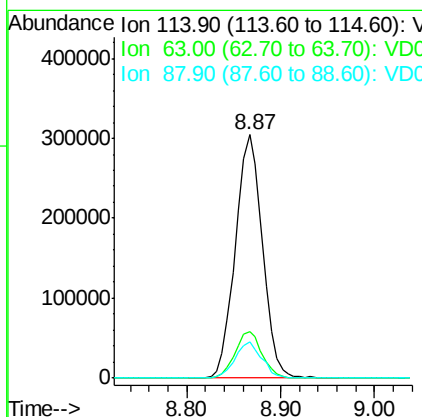
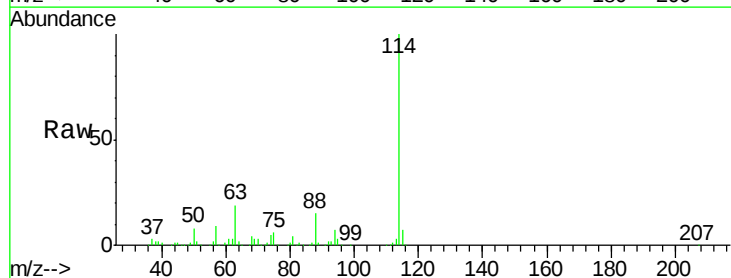
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

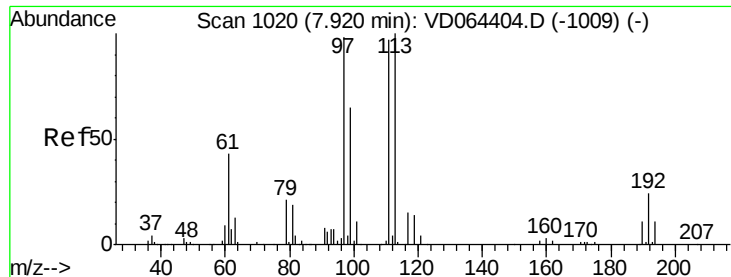
Tot Ion: 65 Resp: 174260
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

Tgt Ion: 114 Resp: 608585
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.7 0.0 29.2

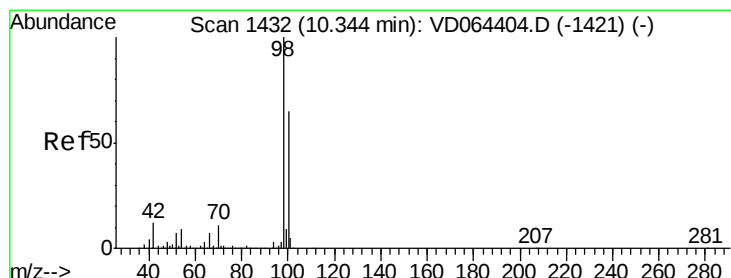
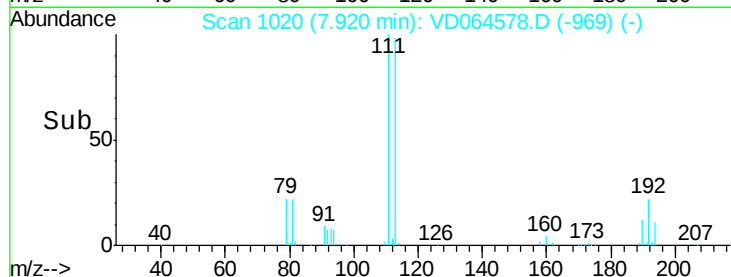
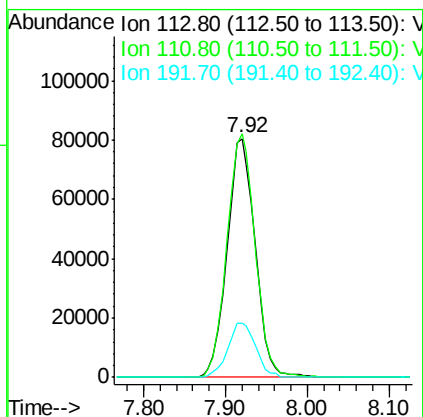
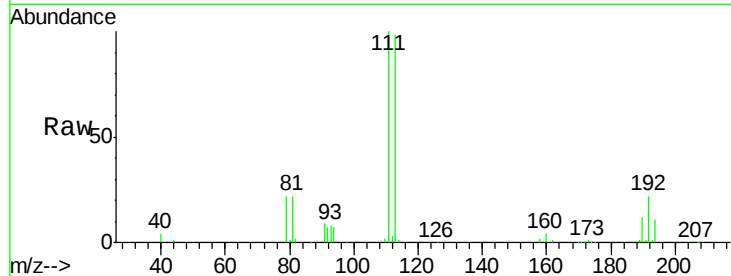




#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

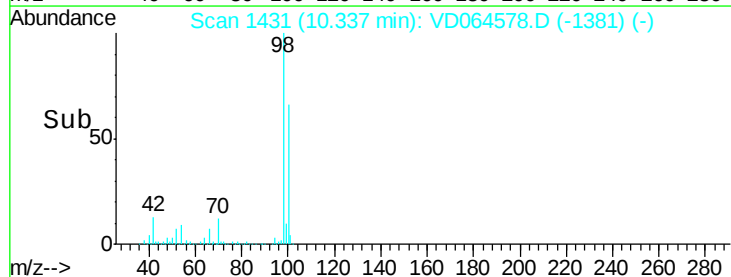
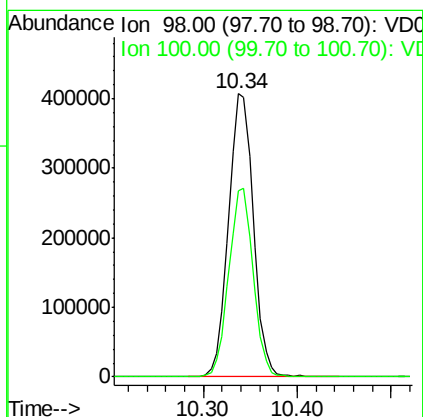
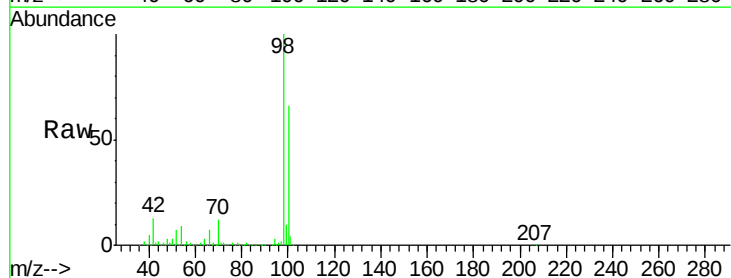
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

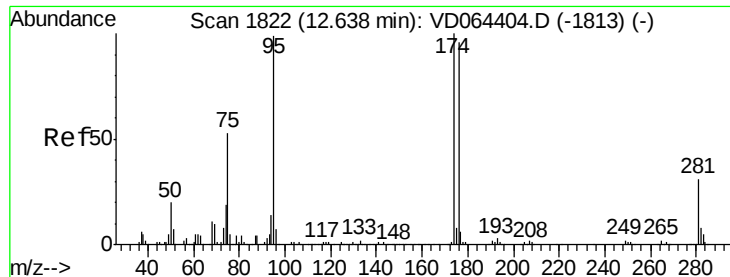
Tot Ion:113 Resp: 191578
 Ion Ratio Lower Upper
 113 100
 111 102.8 79.4 119.2
 192 22.6 18.6 28.0



#50
 Toluene-d8
 Concen: 51.969 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VD064578.D
 Acq: 23 Dec 2019 19:53

Tgt Ion: 98 Resp: 750631
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 62.684 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

TP-2

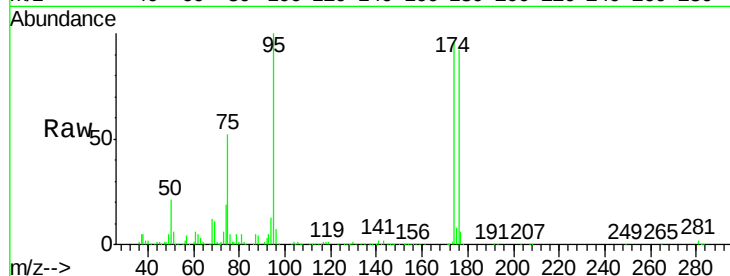
Tot Ion: 95 Resp: 290967

Ion Ratio Lower Upper

95 100

174 94.4 0.0 197.2

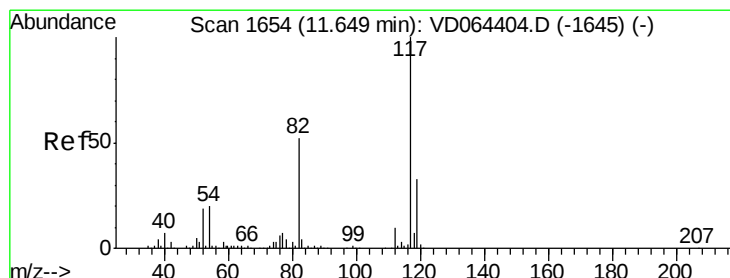
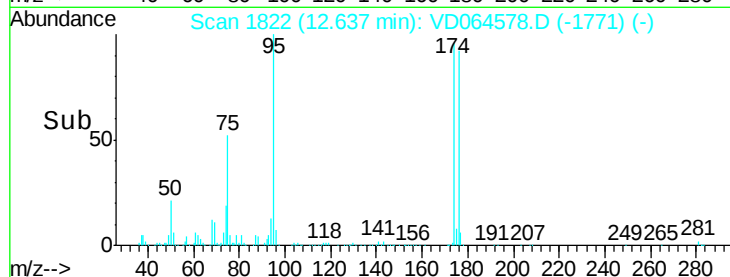
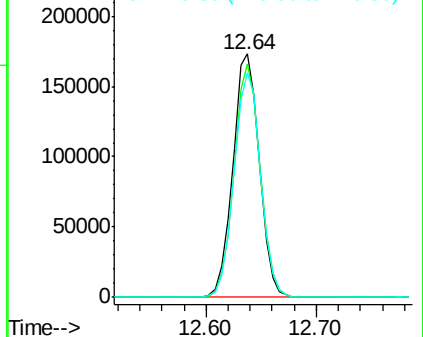
176 92.5 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

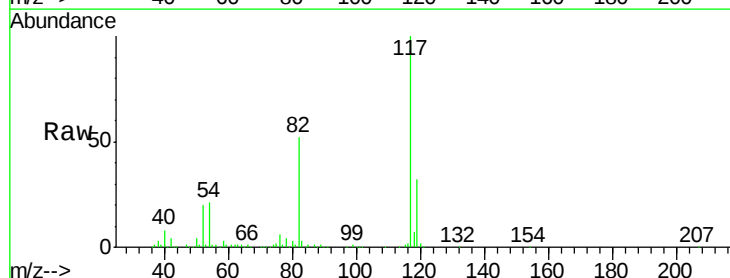
Tgt Ion: 117 Resp: 646901

Ion Ratio Lower Upper

117 100

82 51.6 41.4 62.2

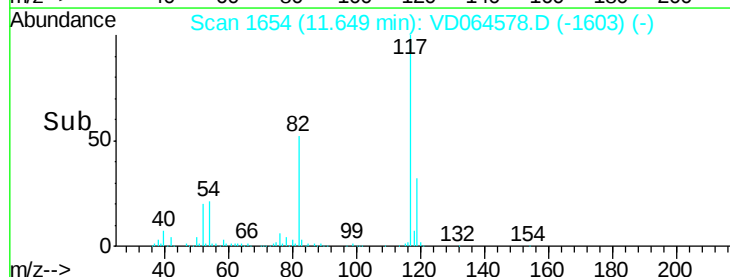
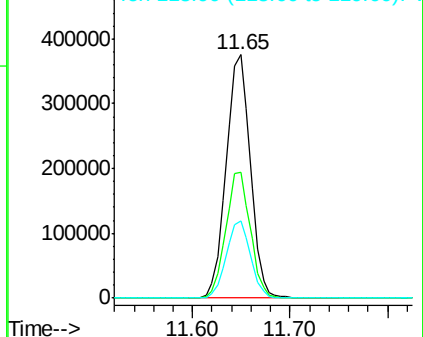
119 31.8 26.2 39.2

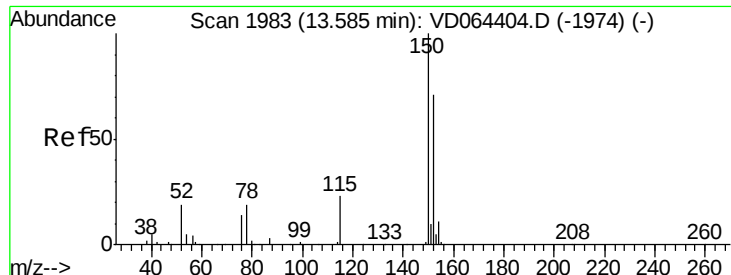


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064578.D

Acq: 23 Dec 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

TP-2

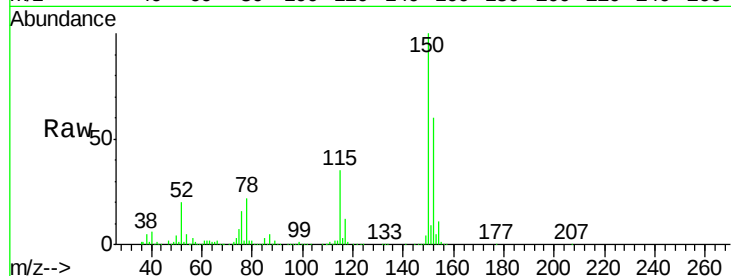
Tot Ion:152 Resp: 332001

Ion Ratio Lower Upper

152 100

115 56.0 26.7 80.1

150 158.9 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

