

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064576.D
 Acq On : 23 Dec 2019 18:55
 Operator : VA/SY
 Sample : K6417-02
 Misc : 8.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Dec 24 06:28:40 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

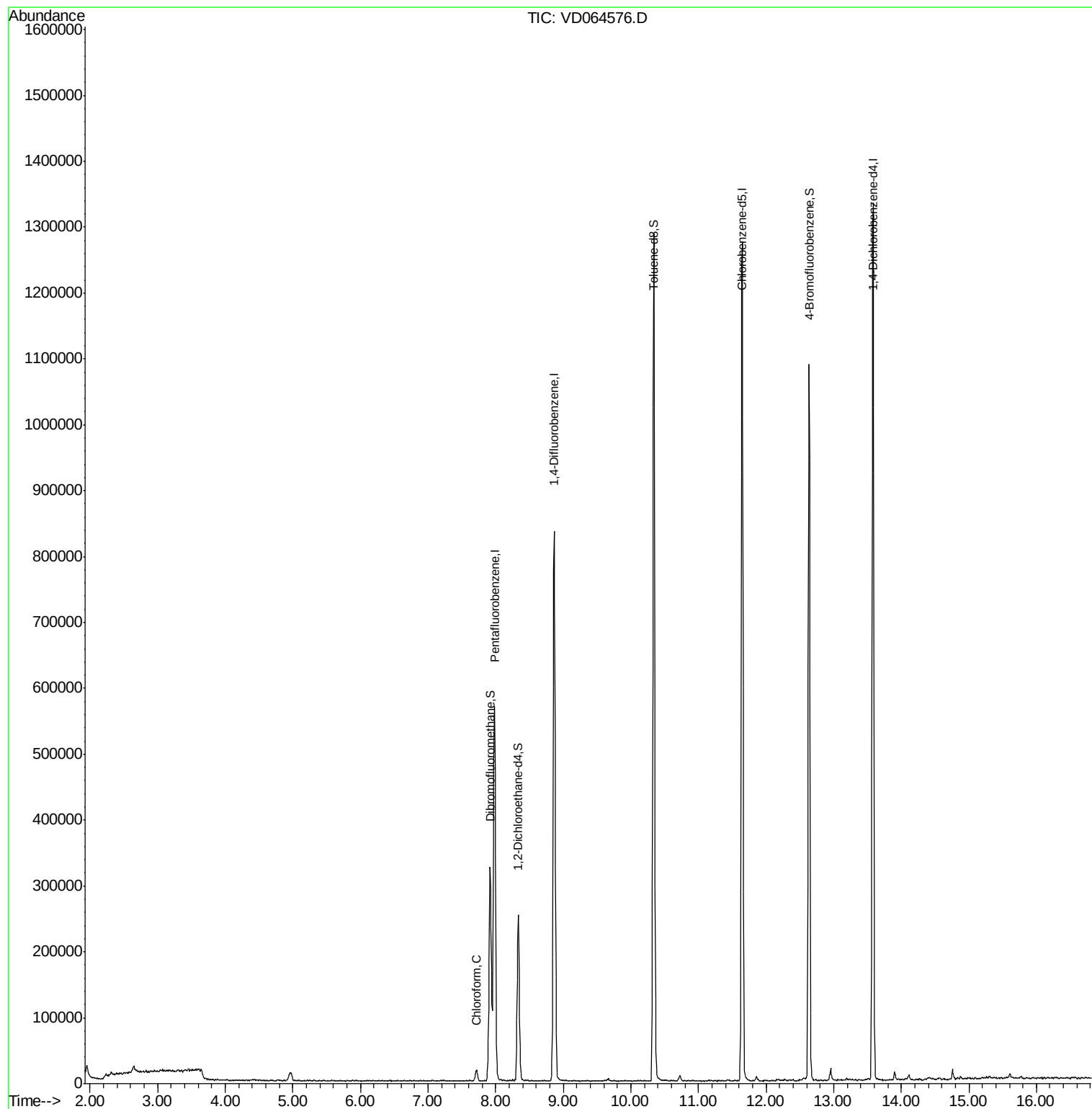
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	732728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	745204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	366608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198026	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.92	113	222501	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.34	98	883336	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.64	95	327595	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
Target Compounds						
30) Chloroform	7.72	83	14738	1.893	ug/l	Qvalue 99

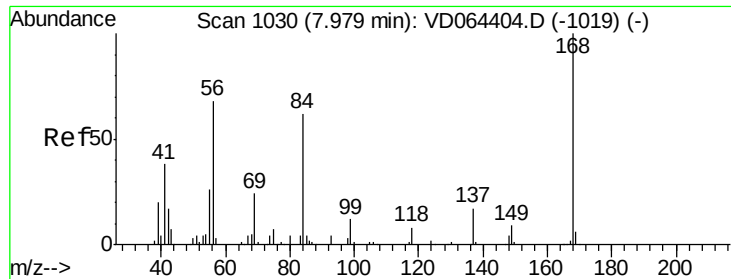
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

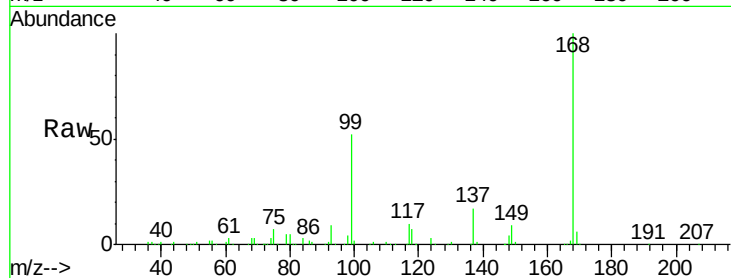
TP-2

Tot Ion:168 Resp: 450188

Ion Ratio Lower Upper

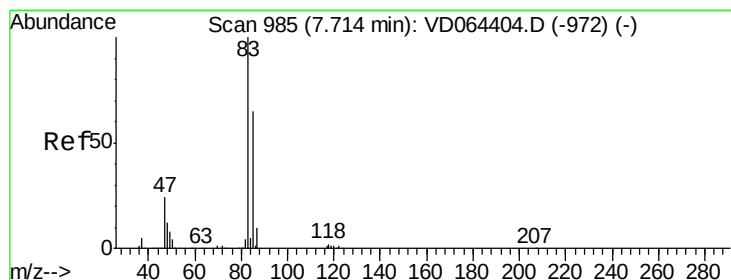
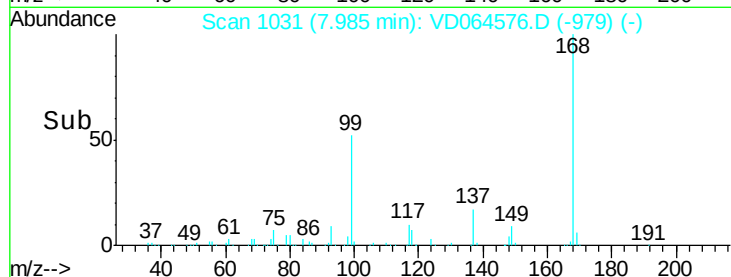
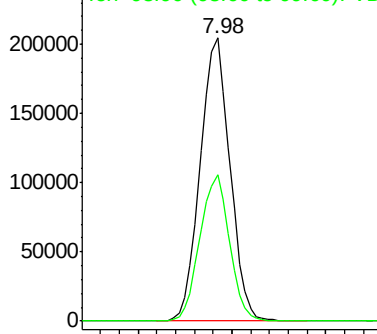
168 100

99 51.4 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: 1.893 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064576.D

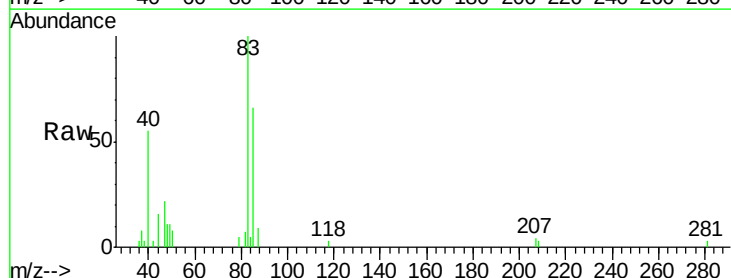
Acq: 23 Dec 2019 18:55

Tgt Ion: 83 Resp: 14738

Ion Ratio Lower Upper

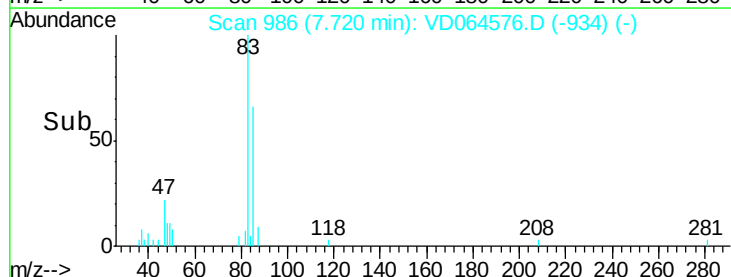
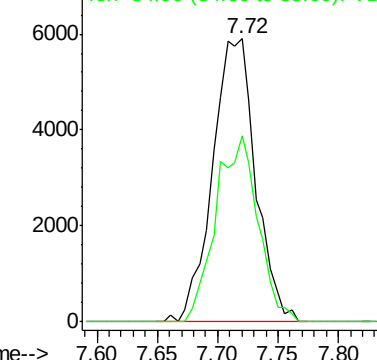
83 100

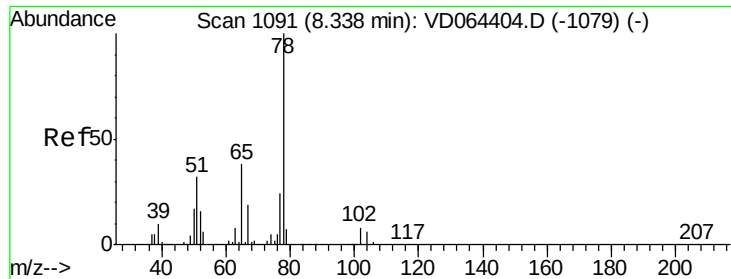
85 65.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

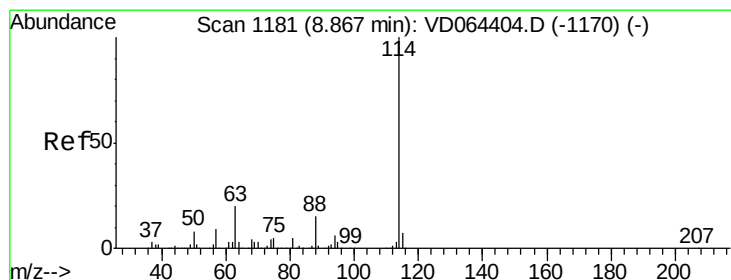
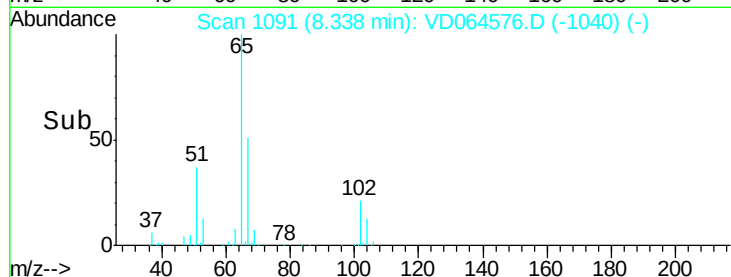
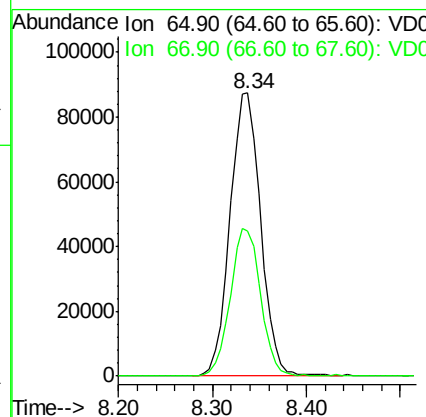
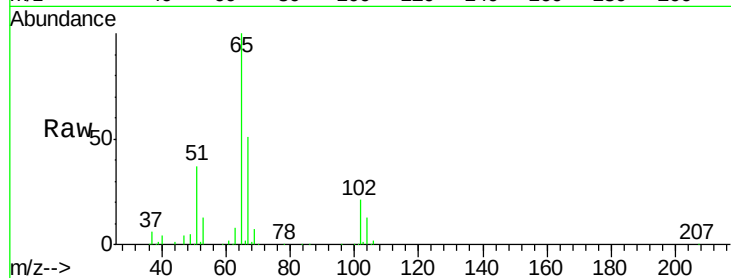




#33
 1,2-Dichloroethane-d4
 Concen: 48.597 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

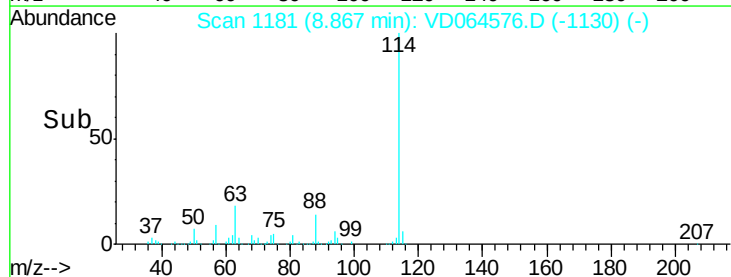
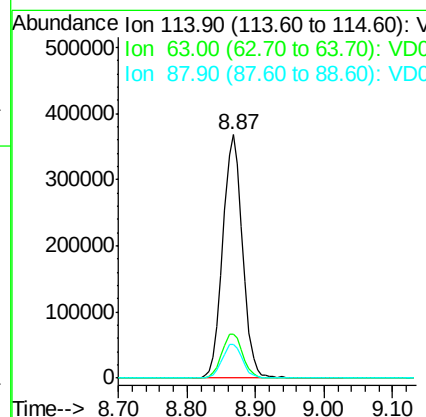
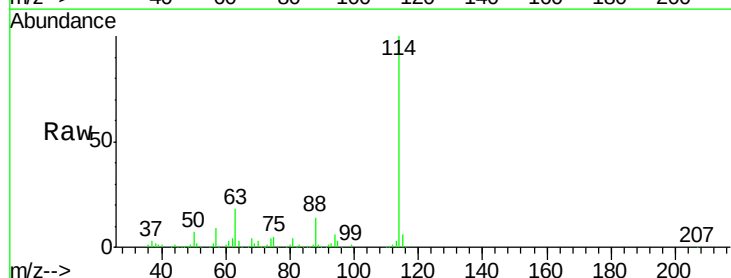
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

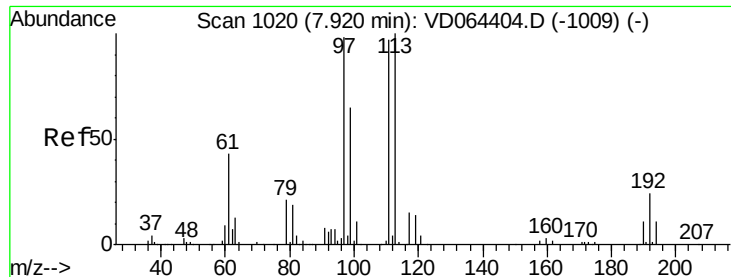
Tot Ion: 65 Resp: 198026
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064576.D
 Acq: 23 Dec 2019 18:55

Tgt Ion: 114 Resp: 732728
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 13.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.196 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

TP-2

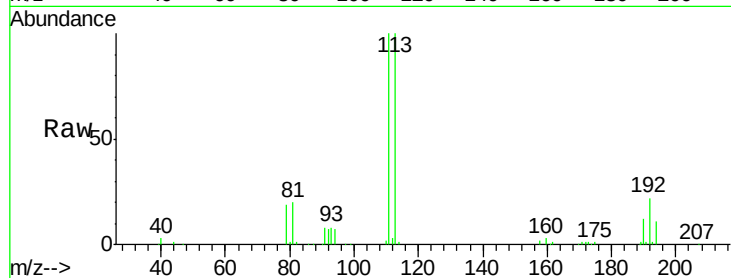
Tot Ion:113 Resp: 222501

Ion Ratio Lower Upper

113 100

111 103.4 79.4 119.2

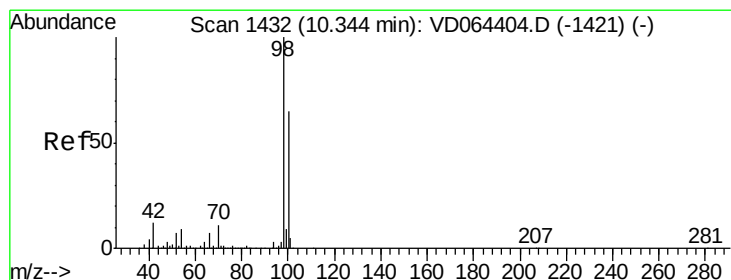
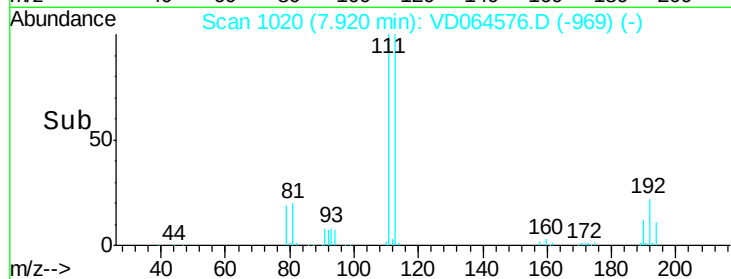
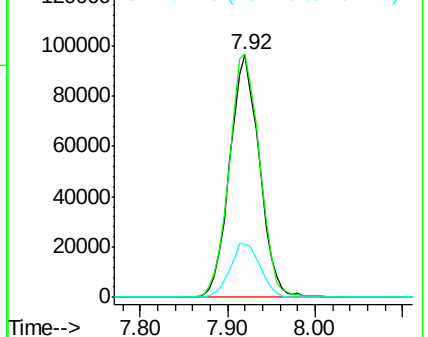
192 22.5 18.6 28.0



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: 50.796 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064576.D

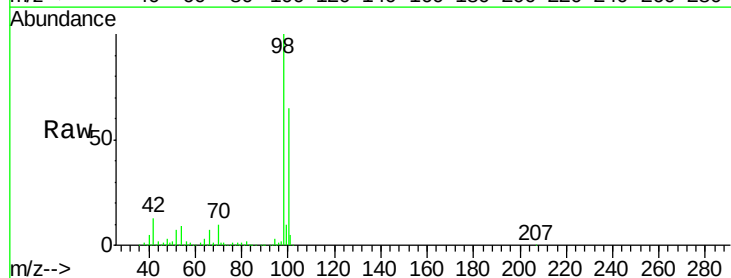
Acq: 23 Dec 2019 18:55

Tgt Ion: 98 Resp: 883336

Ion Ratio Lower Upper

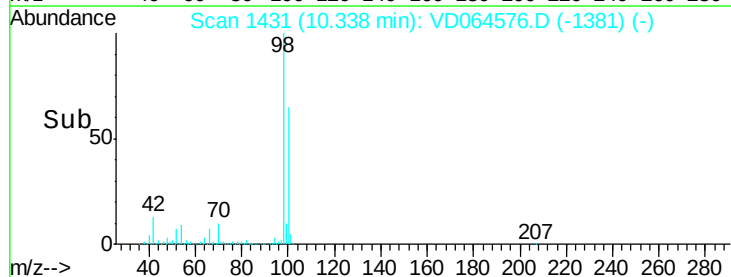
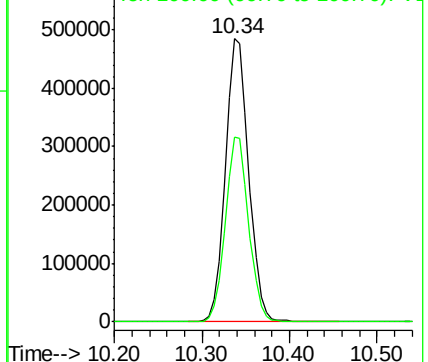
98 100

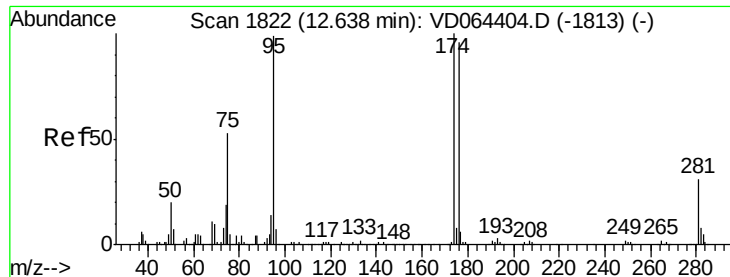
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

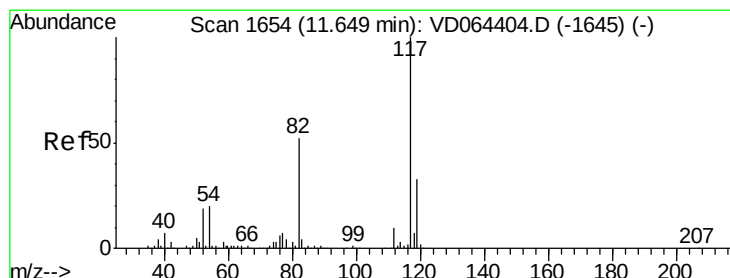
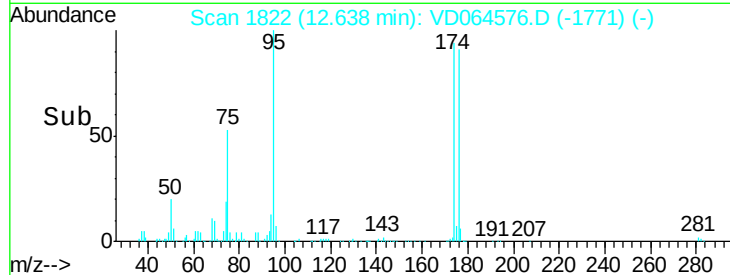
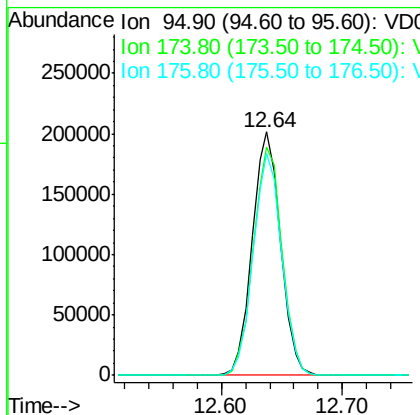
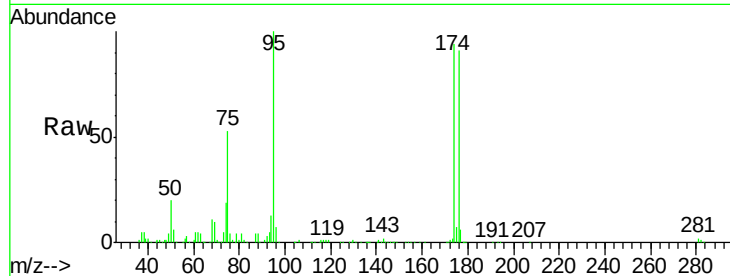




#62
4-Bromofluorobenzene
Concen: 58.618 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

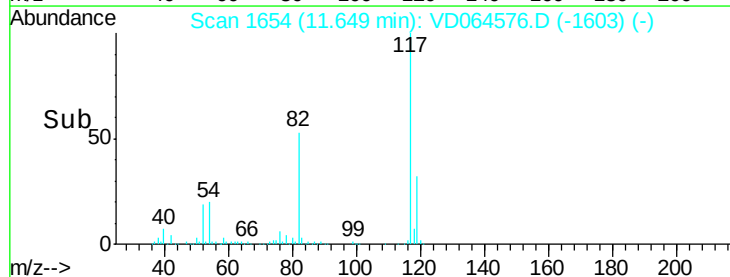
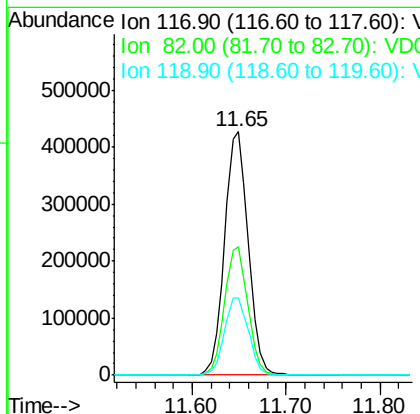
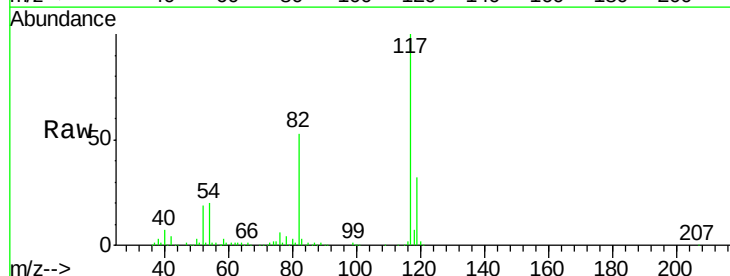
Instrument :
MSVOA_D
ClientSampleId :
TP-2

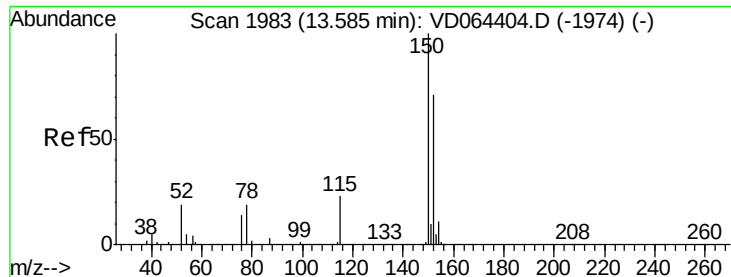
Tot Ion: 95 Resp: 327595
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.2
176 91.7 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064576.D
Acq: 23 Dec 2019 18:55

Tgt Ion: 117 Resp: 745204
Ion Ratio Lower Upper
117 100
82 52.6 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: VD064576.D

Acq: 23 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

TP-2

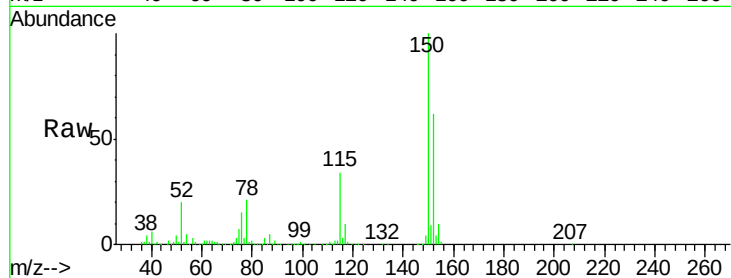
Tot Ion:152 Resp: 366608

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

150 156.2 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

