

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064985.D
 Acq On : 28 Jan 2020 19:17
 Operator : VA/SY
 Sample : L1289-33
 Misc : 8.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jan 29 03:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

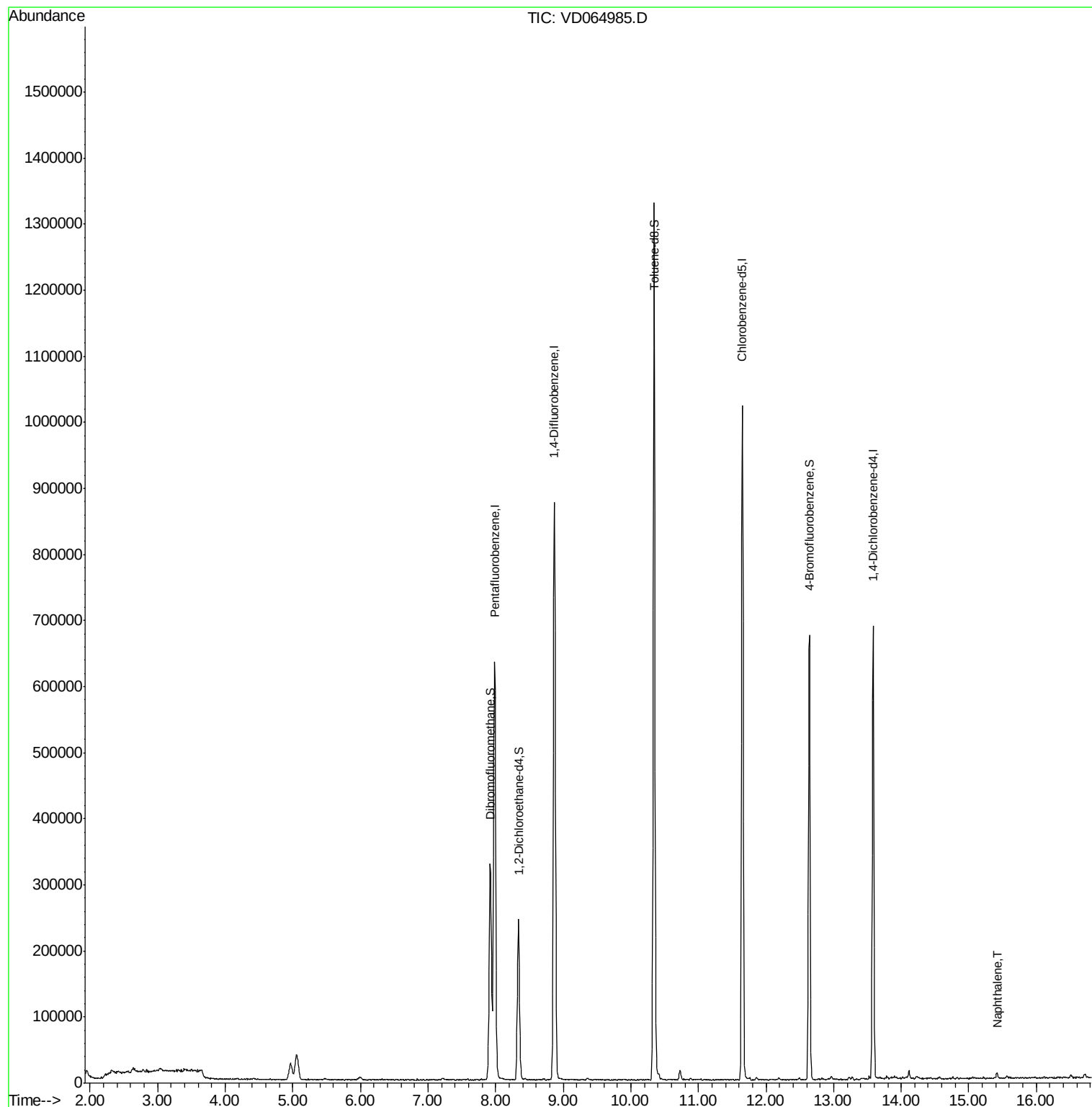
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	494714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	195286	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
35) Dibromofluoromethane	7.92	113	225517	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.34	98	873395	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.64	95	200160	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
Target Compounds						
95) Naphthalene	15.41	128	6362	1.172	ug/l #	Qvalue 94

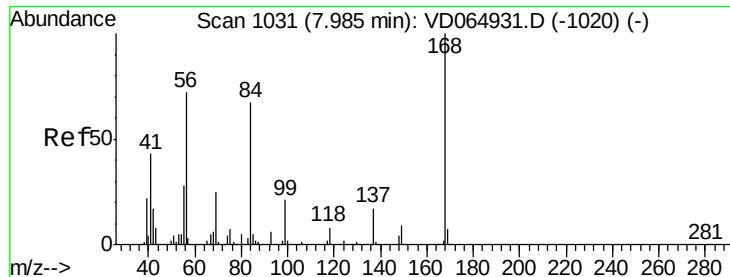
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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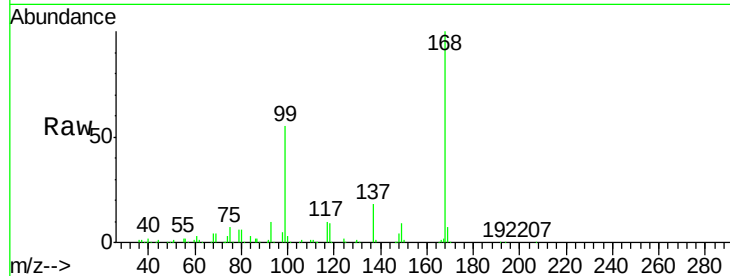




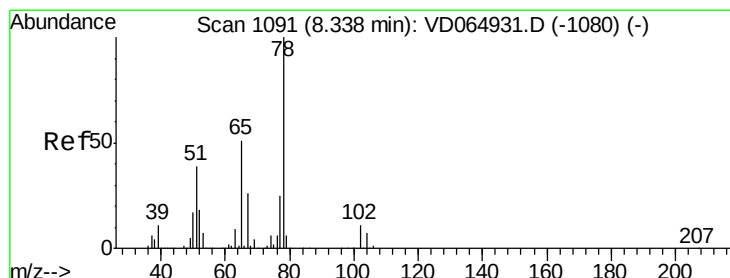
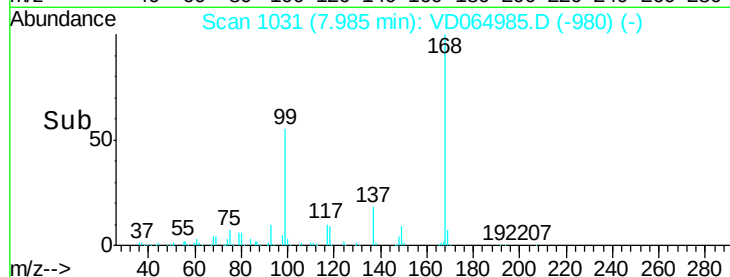
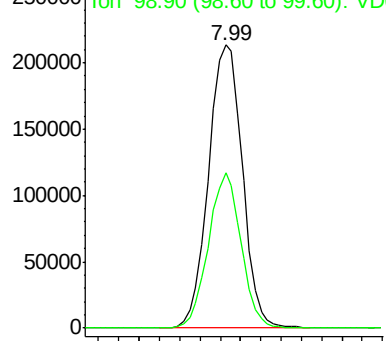
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:168 Resp: 494714
Ion Ratio Lower Upper
168 100
99 54.7 43.3 64.9

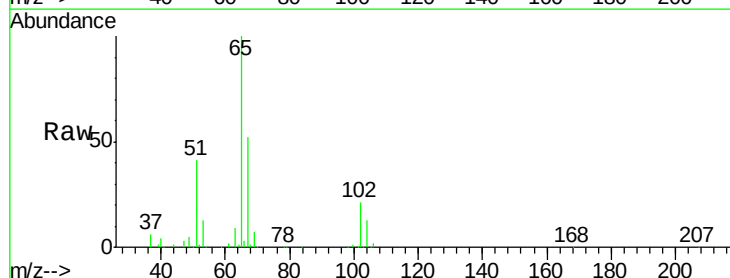


Abundance Ion 167.90 (167.60 to 168.60): V

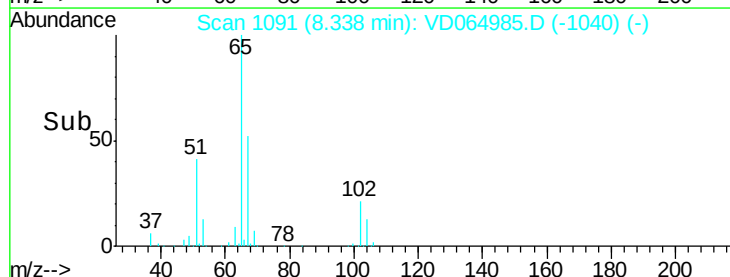
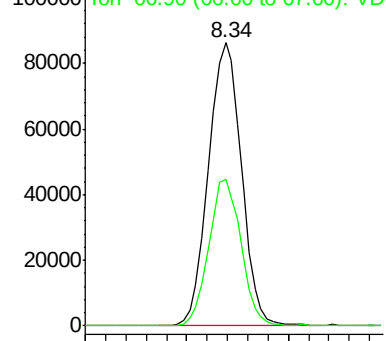


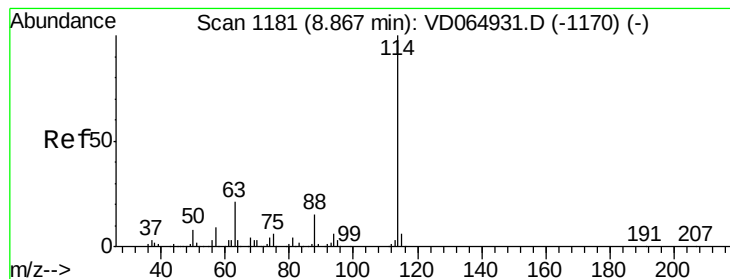
#33
1,2-Dichloroethane-d4
Concen: 41.153 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Tgt Ion: 65 Resp: 195286
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

Instrument :

MSVOA_D

ClientSampleId :

TP-3

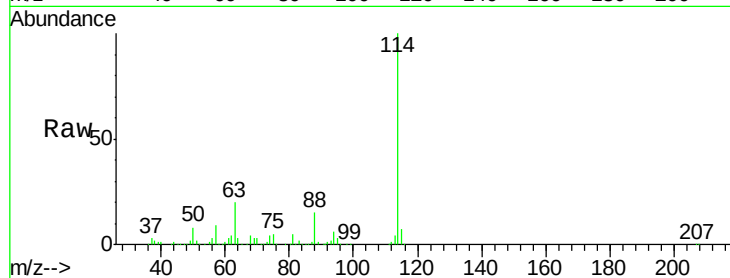
Tot Ion:114 Resp: 753954

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.0

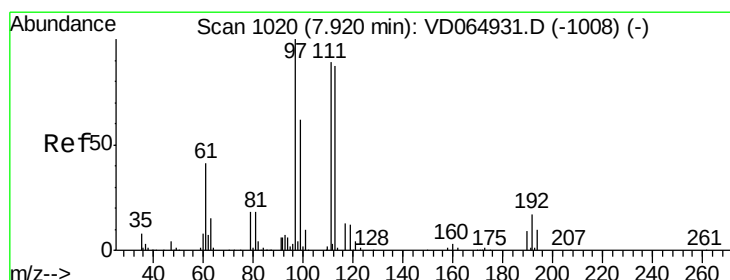
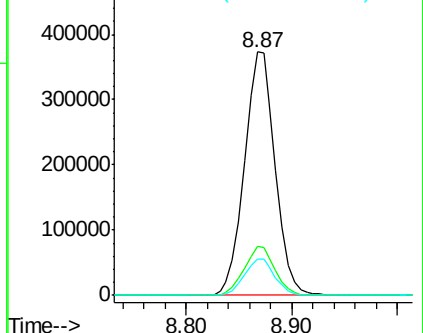
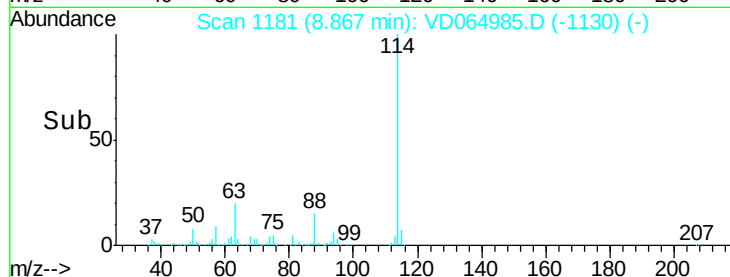
88 14.6 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.598 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064985.D

Acq: 28 Jan 2020 19:17

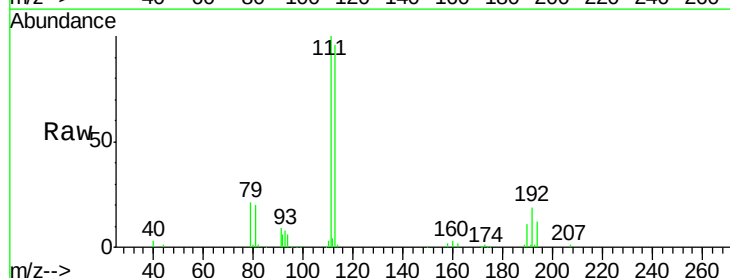
Tgt Ion:113 Resp: 225517

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

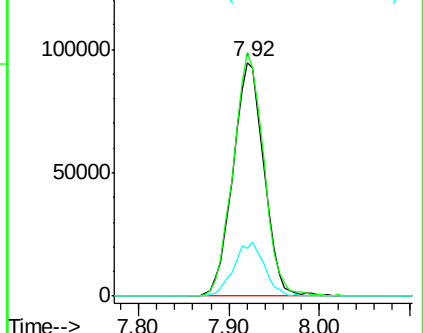
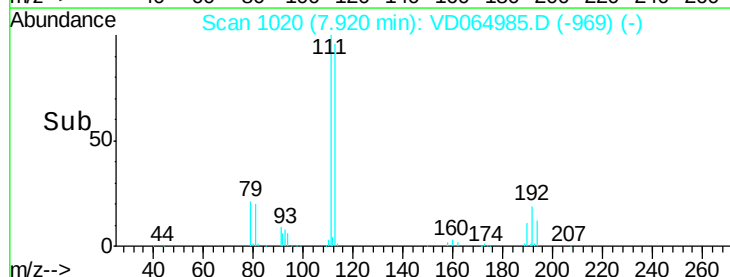
192 22.9 16.9 25.3

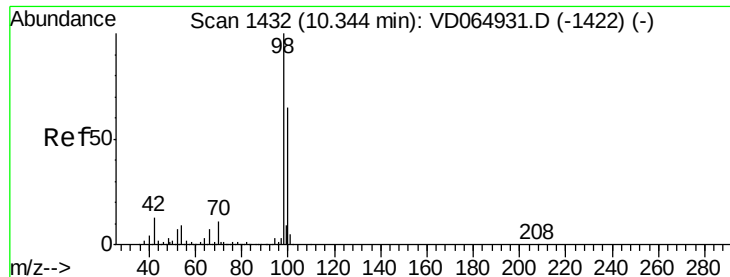


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

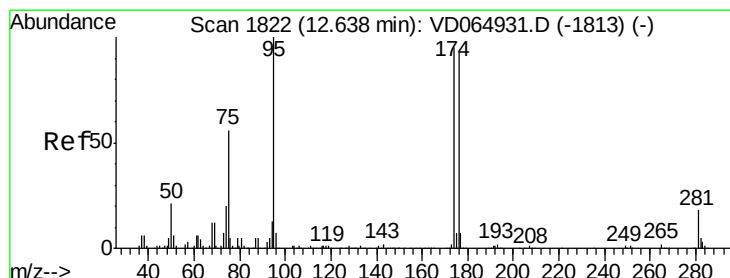
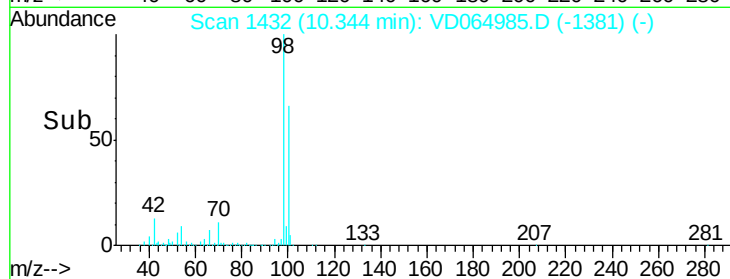
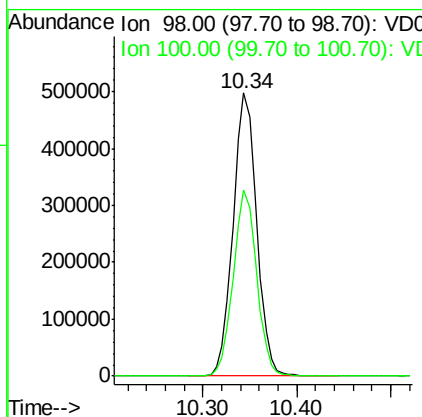
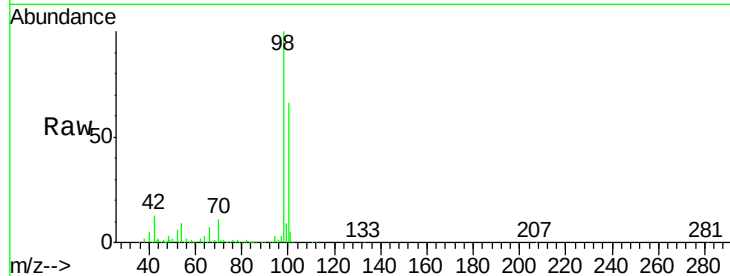




#50
Toluene-d8
Concen: 47.761 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

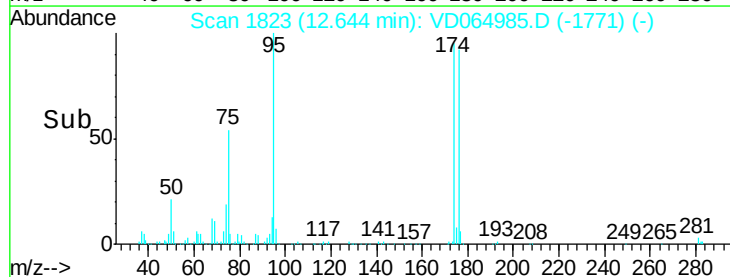
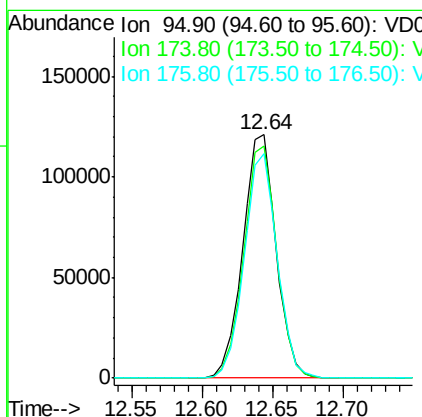
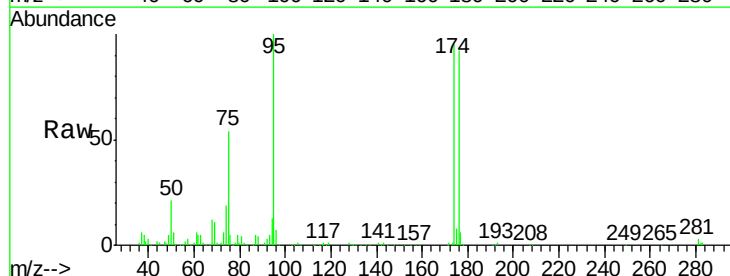
Instrument :
MSVOA_D
ClientSampled :
TP-3

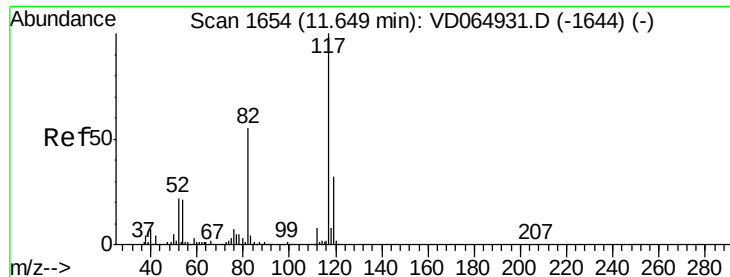
Tot Ion: 98 Resp: 873395
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.768 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Tgt Ion: 95 Resp: 200160
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.8
176 91.0 0.0 183.4

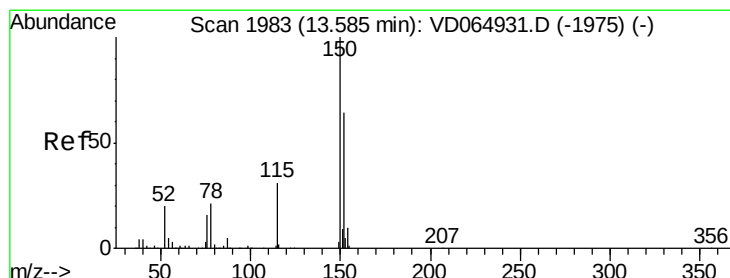
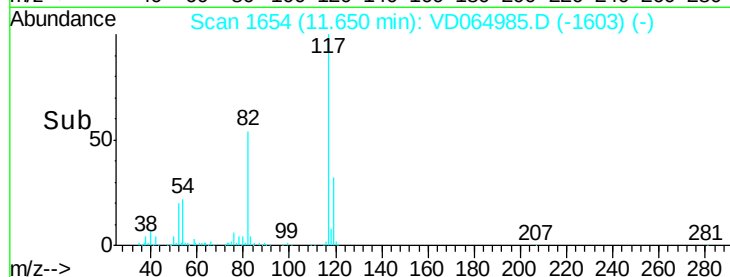
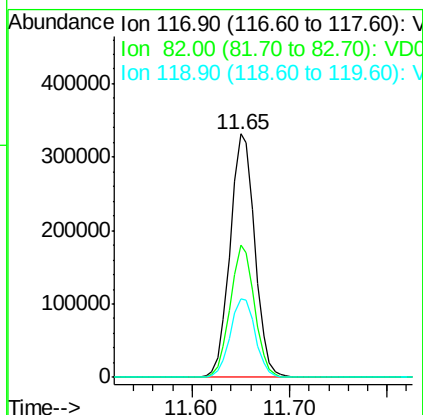
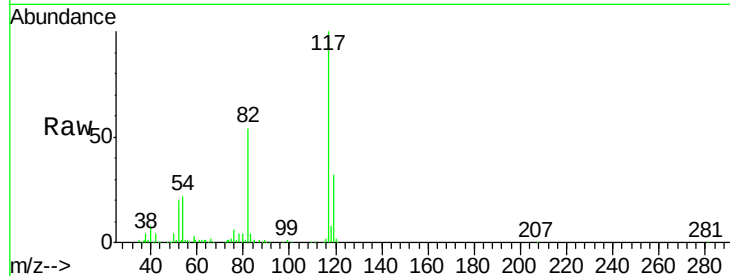




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VD064985.D
 Acq: 28 Jan 2020 19:17

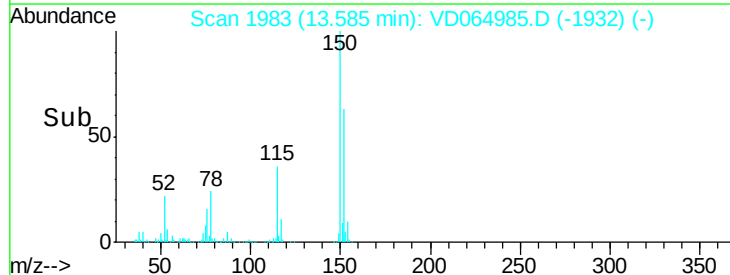
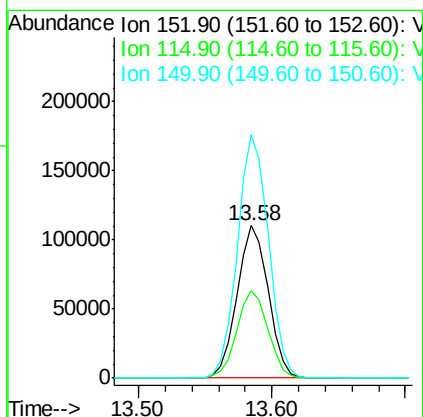
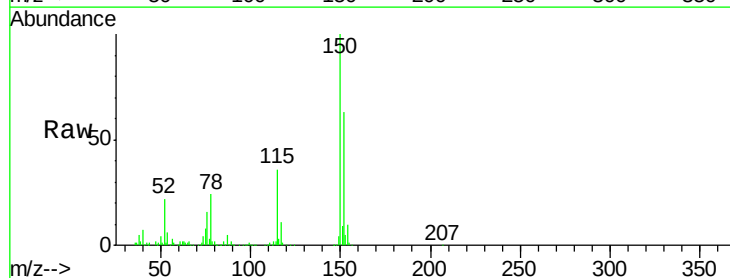
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

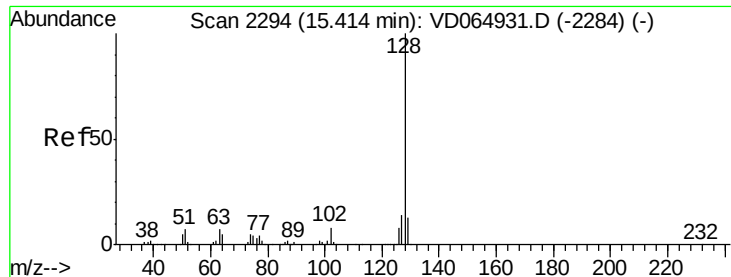
Tot Ion:117 Resp: 581571
 Ion Ratio Lower Upper
 117 100
 82 54.5 43.6 65.4
 119 32.4 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD064985.D
 Acq: 28 Jan 2020 19:17

Tgt Ion:152 Resp: 178464
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.1 84.4
 150 158.6 0.0 350.4





#95
Naphthalene
Concen: 1.172 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064985.D
Acq: 28 Jan 2020 19:17

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	15.8
129	8.2	9.3	13.9

