

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064874.D
 Acq On : 17 Jan 2020 20:31
 Operator : VA/SY
 Sample : L1176-14
 Misc : 5.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Quant Time: Jan 17 23:59:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

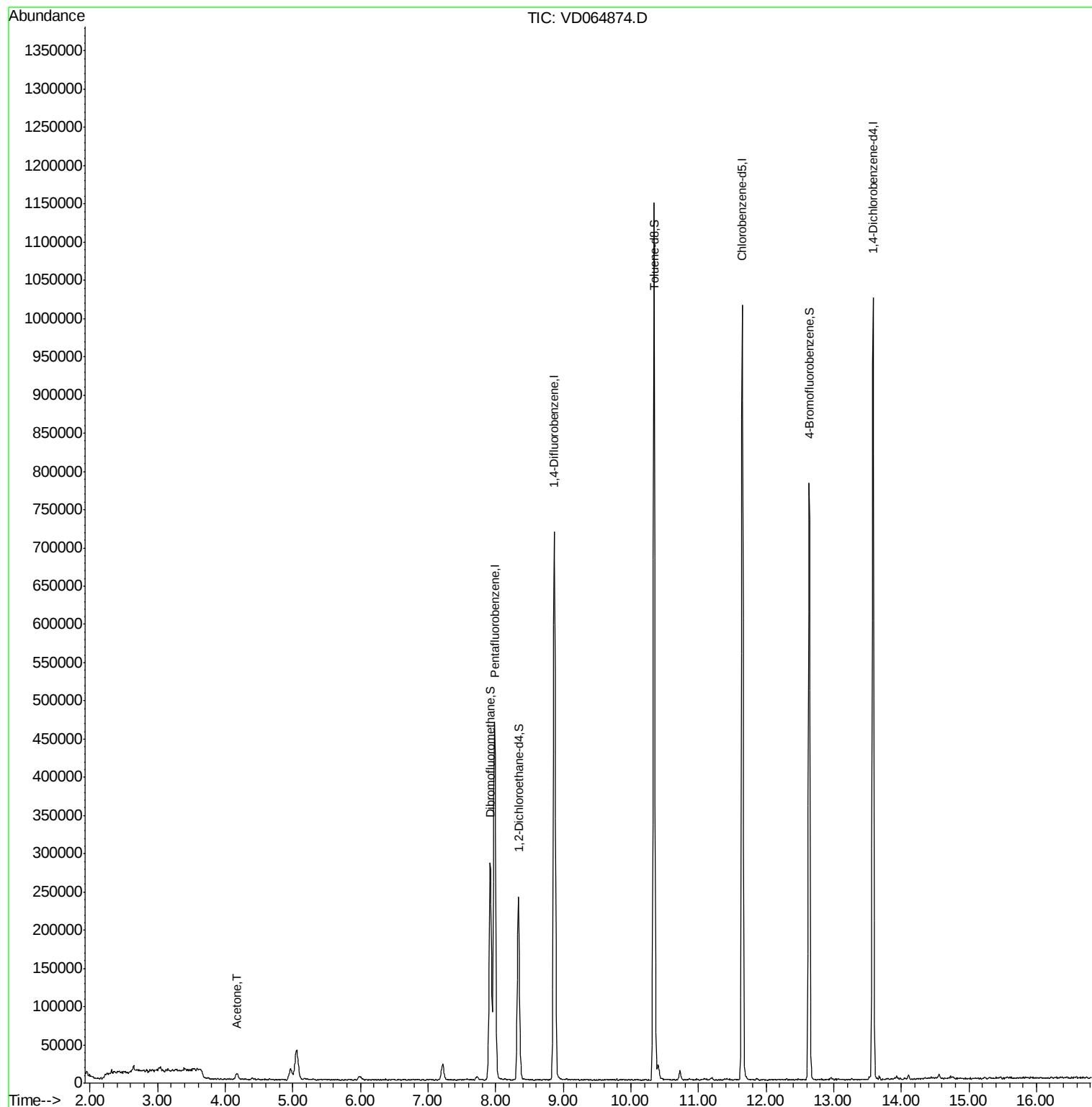
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192459	60.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.18%	
35) Dibromofluoromethane	7.92	113	199409	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.34	98	738919	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.64	95	229163	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
Target Compounds						
16) Acetone	4.17	43	14990	24.028	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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampled :

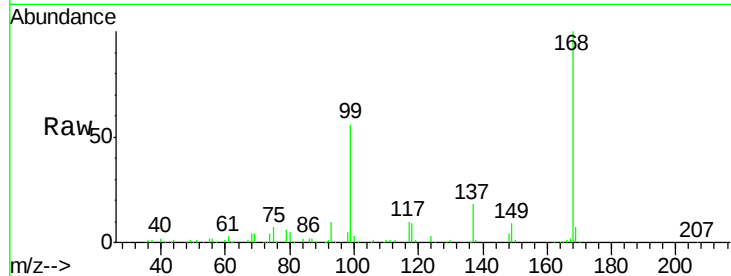
EP-12

Tot Ion:168 Resp: 360249

Ion Ratio Lower Upper

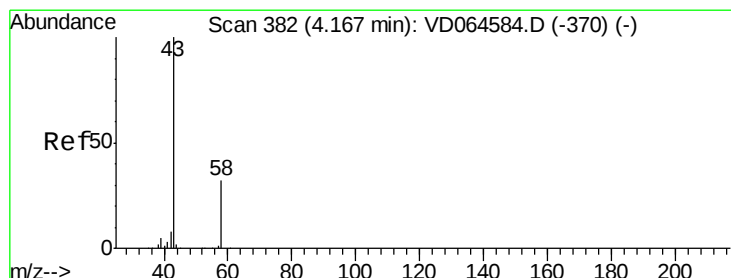
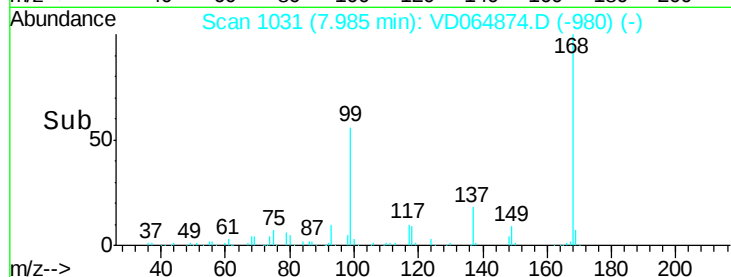
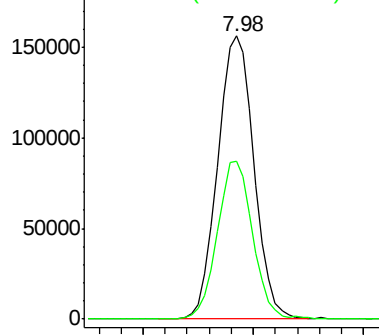
168 100

99 55.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 24.028 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064874.D

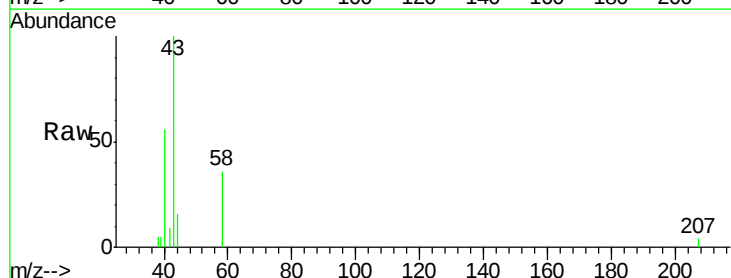
Acq: 17 Jan 2020 20:31

Tgt Ion: 43 Resp: 14990

Ion Ratio Lower Upper

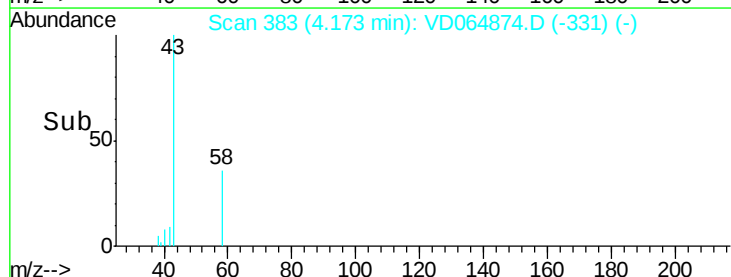
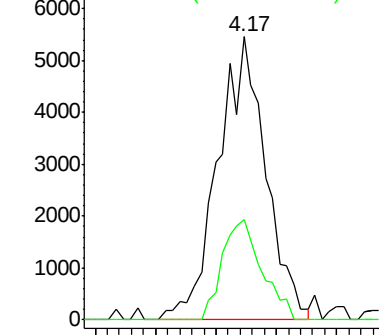
43 100

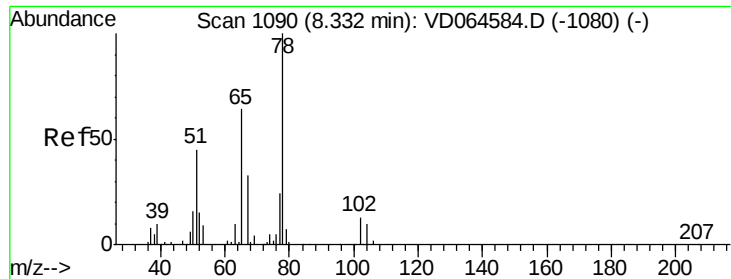
58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 60.586 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

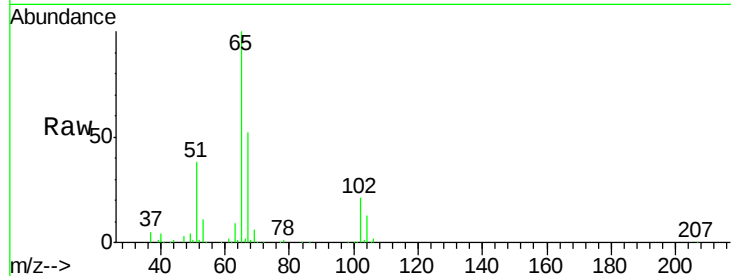
EP-12

Tot Ion: 65 Resp: 192459

Ion Ratio Lower Upper

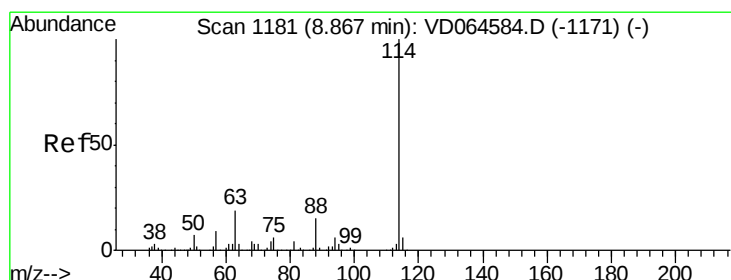
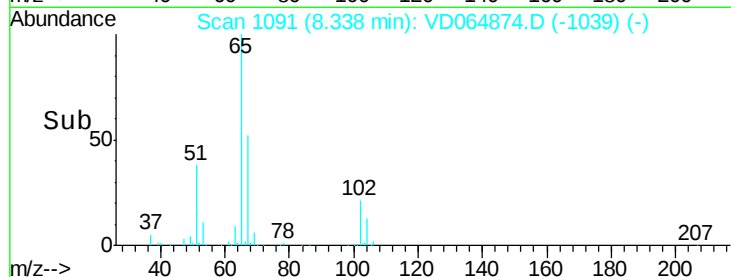
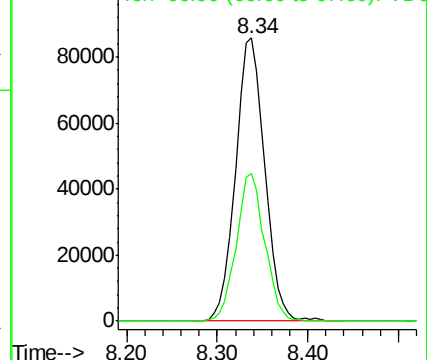
65 100

67 50.7 0.0 106.2



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: VD064874.D

Acq: 17 Jan 2020 20:31

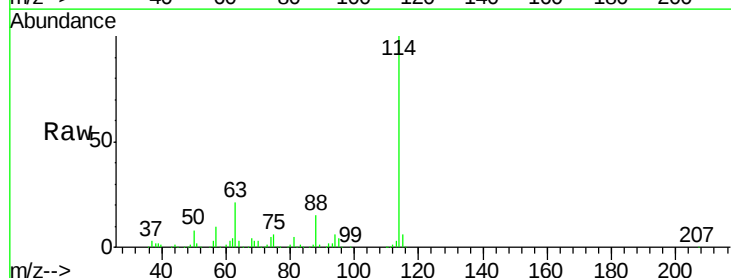
Tgt Ion: 114 Resp: 608593

Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.0

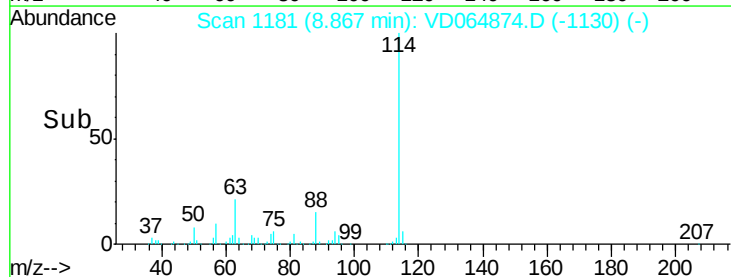
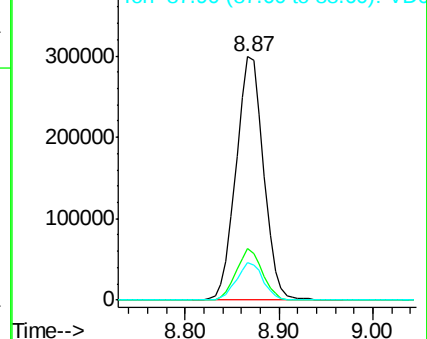
88 15.5 0.0 29.2

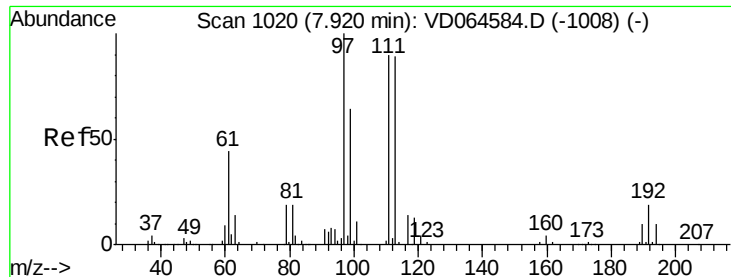


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

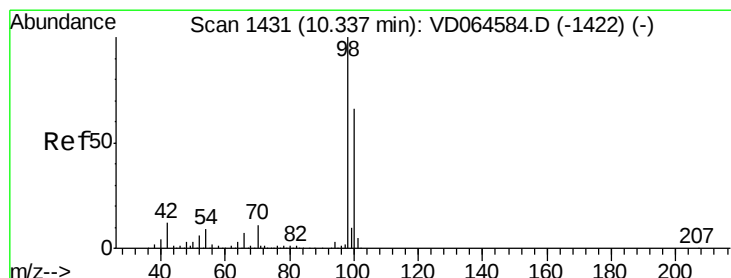
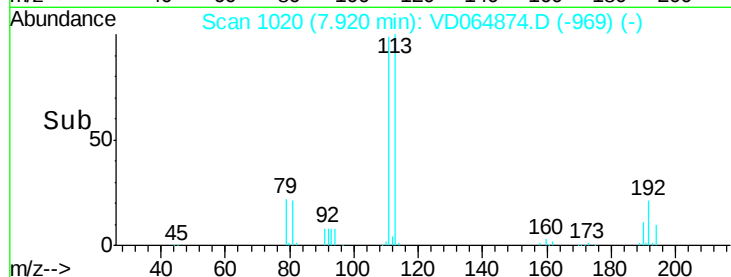
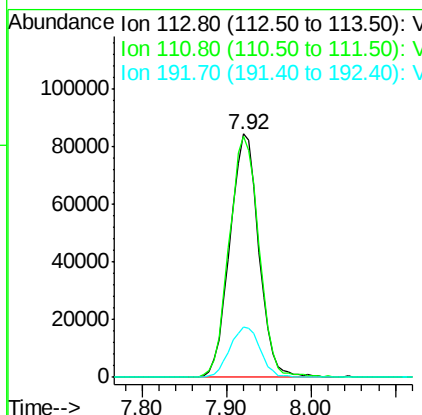
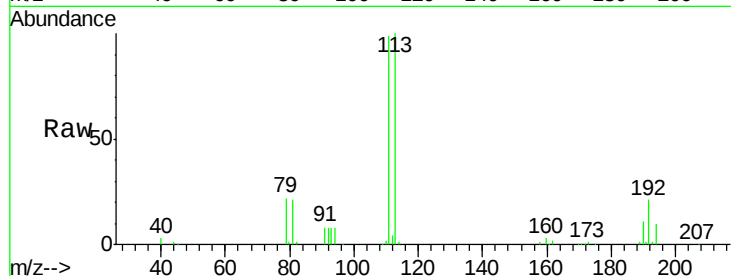




#35
Dibromofluoromethane
Concen: 53.406 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

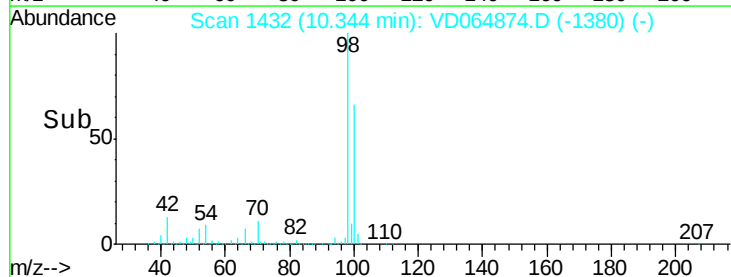
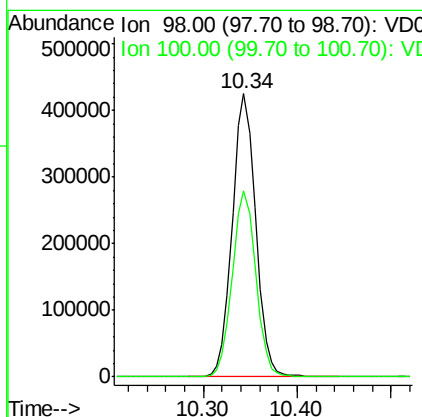
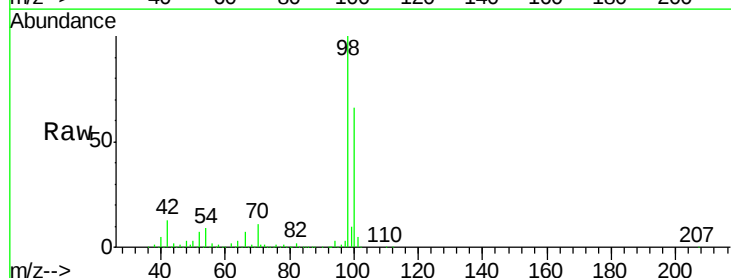
Instrument :
MSVOA_D
ClientSampled :
EP-12

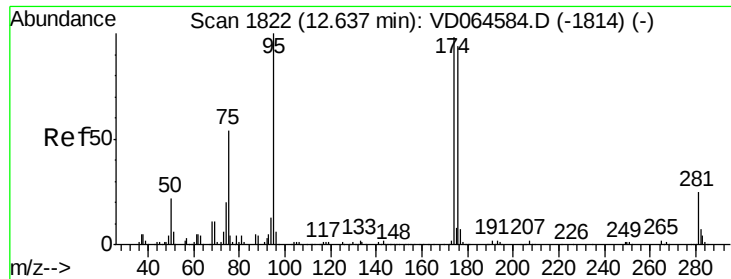
Tot Ion:113 Resp: 199409
Ion Ratio Lower Upper
113 100
111 101.5 80.6 121.0
192 21.6 17.9 26.9



#50
Toluene-d8
Concen: 51.672 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

Tgt Ion: 98 Resp: 738919
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5

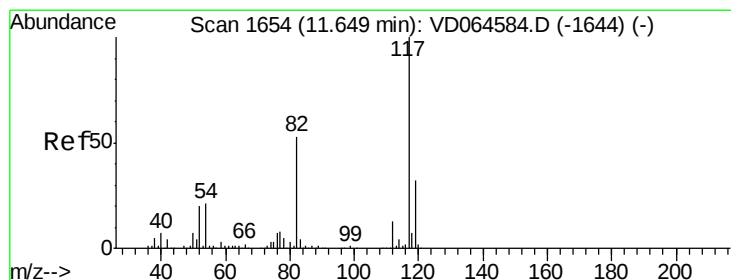
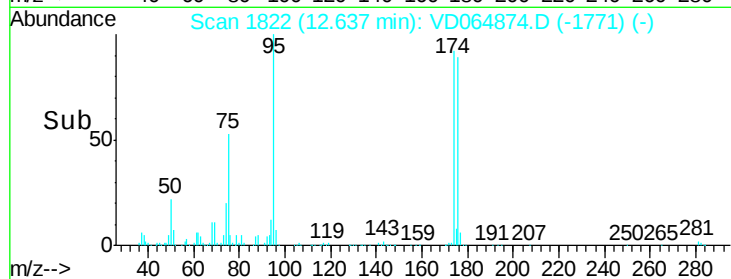
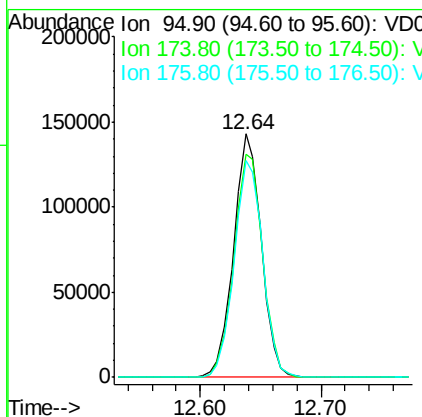
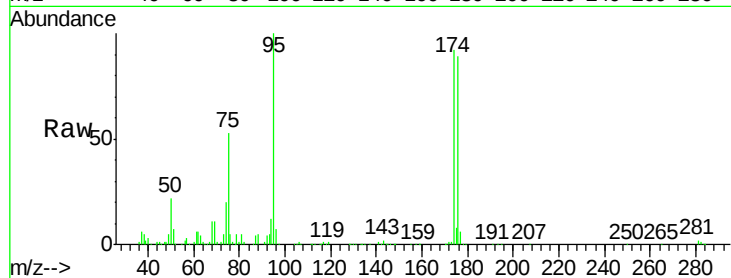




#62
4-Bromofluorobenzene
Concen: 50.679 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

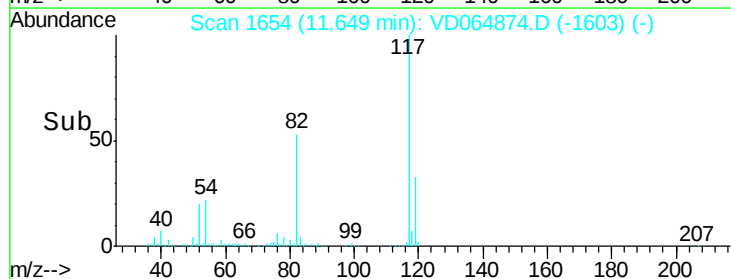
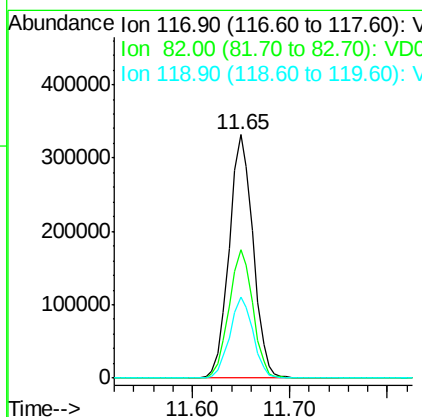
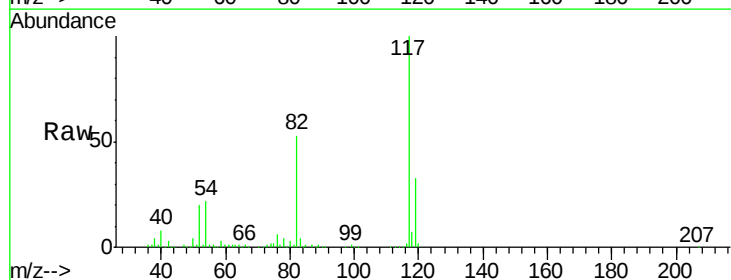
Instrument :
MSVOA_D
ClientSampleId :
EP-12

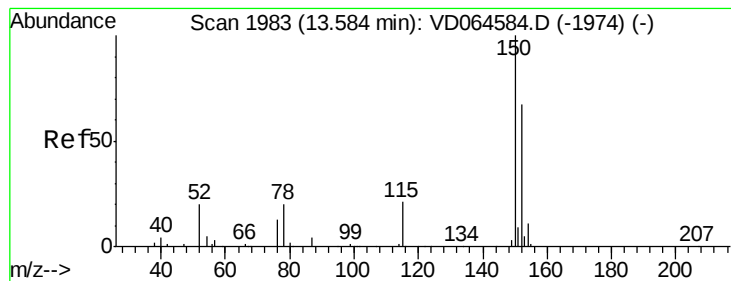
Tot Ion: 95 Resp: 229163
Ion Ratio Lower Upper
95 100
174 94.9 0.0 193.2
176 91.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

Tgt Ion: 117 Resp: 563599
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 33.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

EP-12

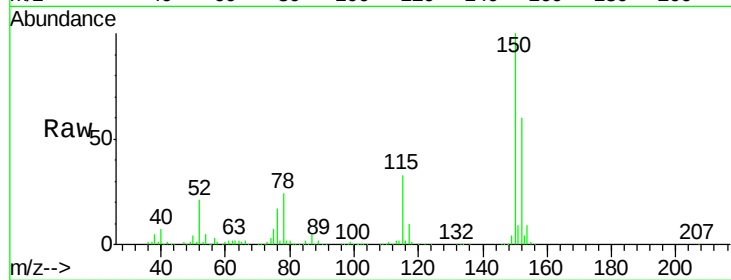
Tot Ion:152 Resp: 261072

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 158.9 0.0 351.4



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

