

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064888.D
 Acq On : 20 Jan 2020 14:09
 Operator : VA/SY
 Sample : L1176-14RE
 Misc : 5.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12RE

Quant Time: Jan 21 04:48:57 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

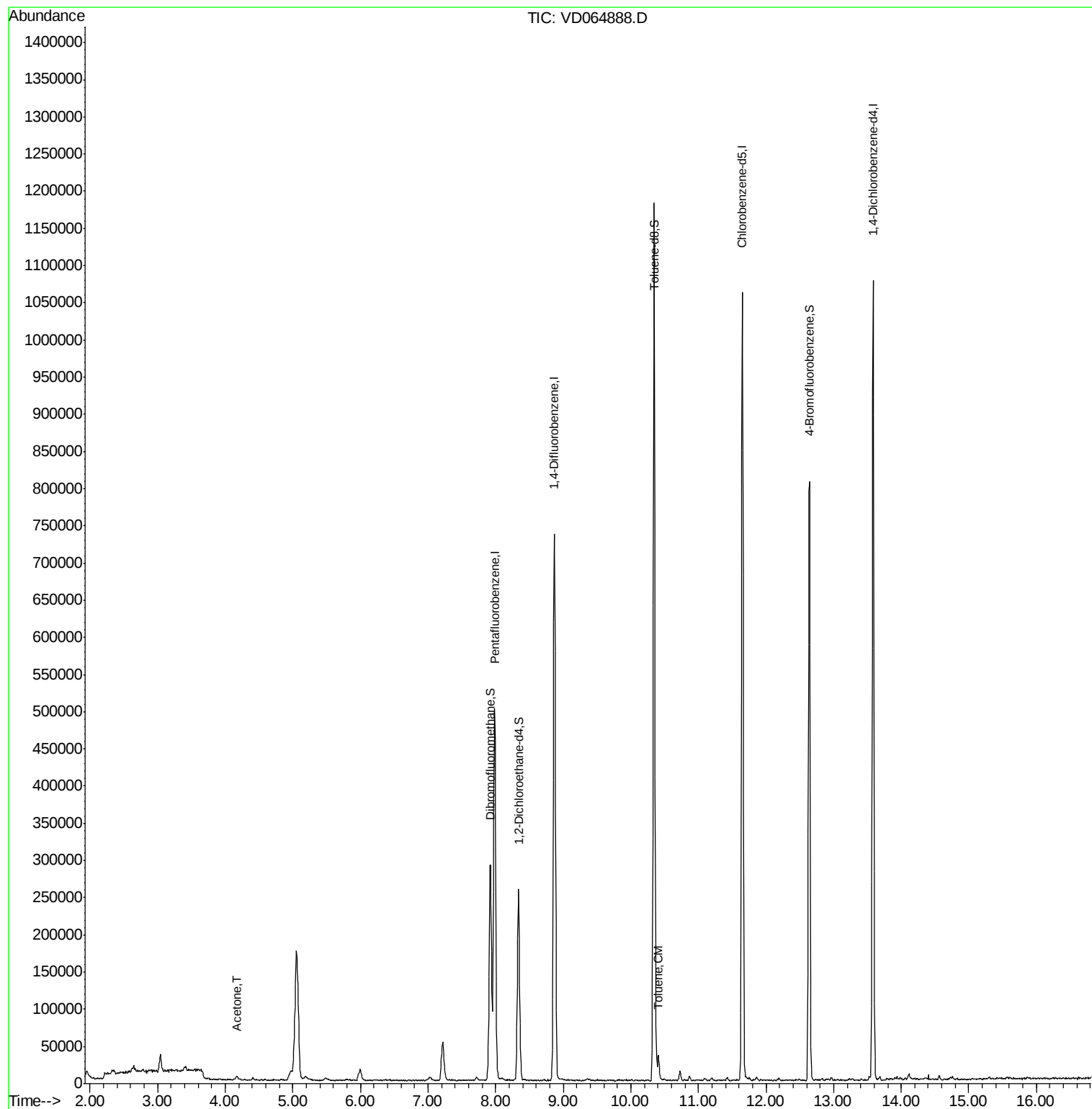
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	630728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	590808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	204200	61.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.18%	
35) Dibromofluoromethane	7.92	113	203462	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.34	98	771328	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	248078	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
16) Acetone	4.17	43	7996	14.205	ug/l #	71
52) Toluene	10.41	92	11670	1.073	ug/l	93

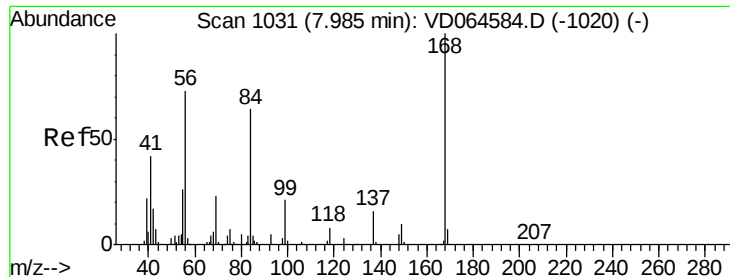
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064888.D

Acq: 20 Jan 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

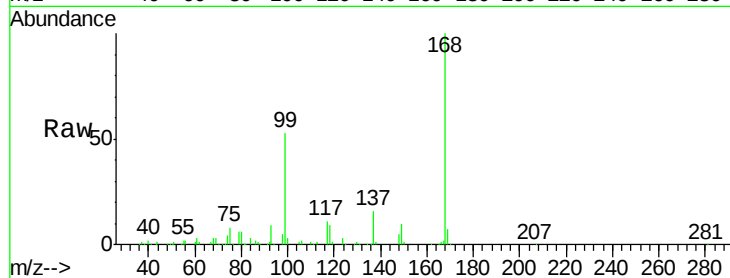
EP-12RE

Tot Ion:168 Resp: 379075

Ion Ratio Lower Upper

168 100

99 53.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

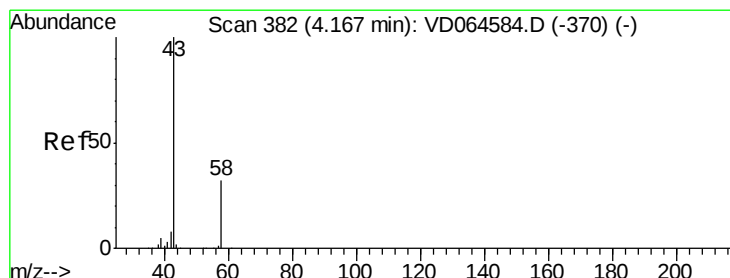
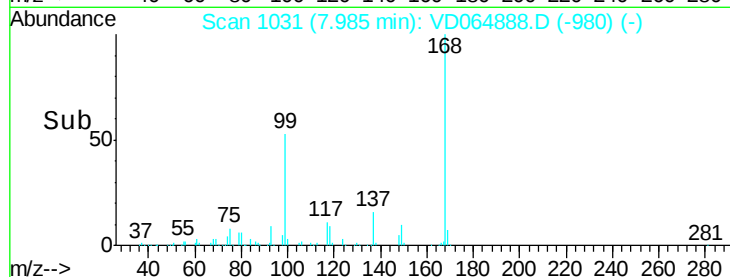
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.205 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064888.D

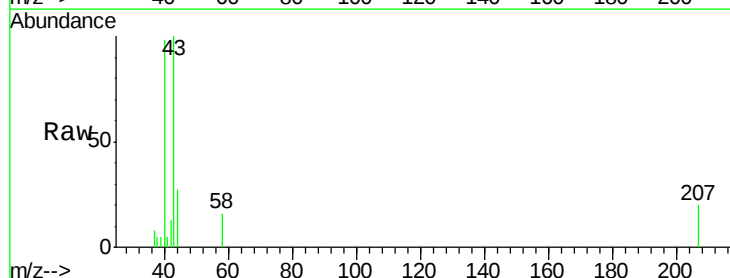
Acq: 20 Jan 2020 14:09

Tgt Ion: 43 Resp: 7996

Ion Ratio Lower Upper

43 100

58 16.1 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

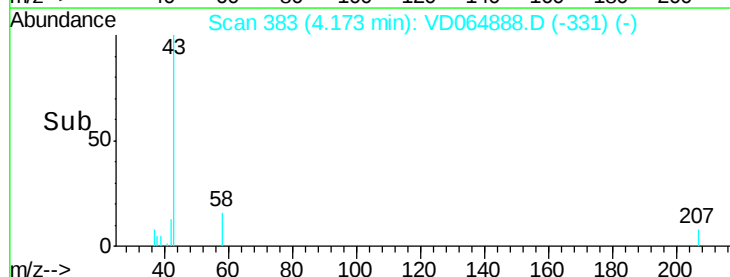
3000

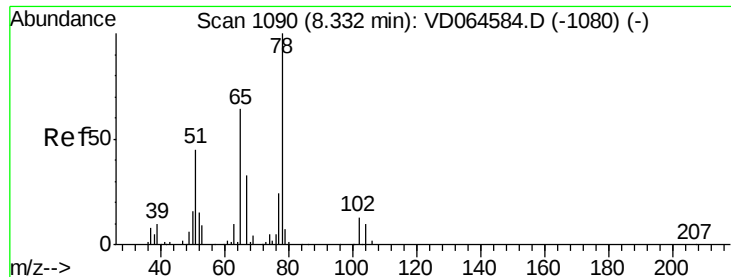
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.089 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064888.D

Acq: 20 Jan 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

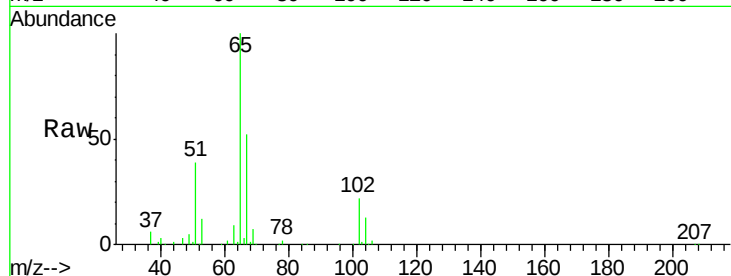
EP-12RE

Tot Ion: 65 Resp: 204200

Ion Ratio Lower Upper

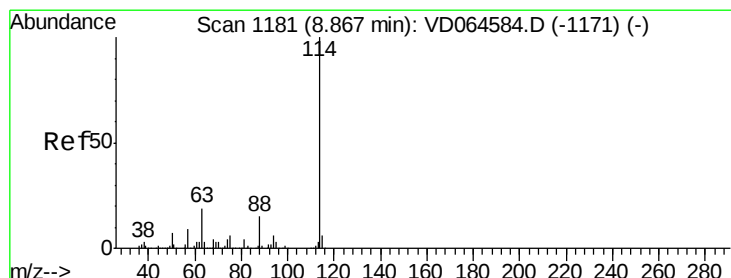
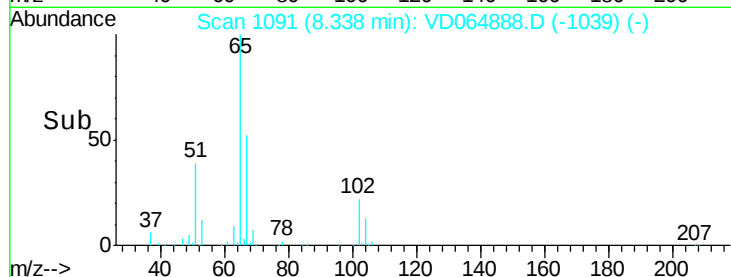
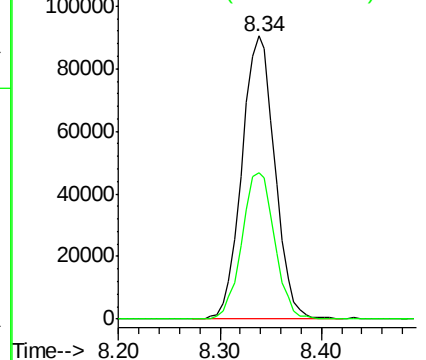
65 100

67 51.3 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: VD064888.D

Acq: 20 Jan 2020 14:09

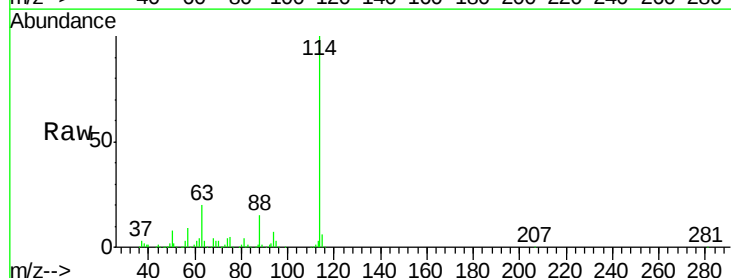
Tgt Ion: 114 Resp: 630728

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

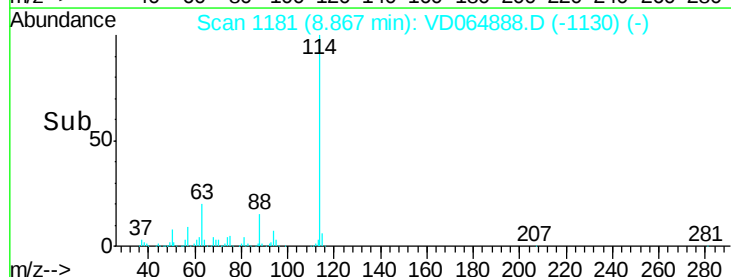
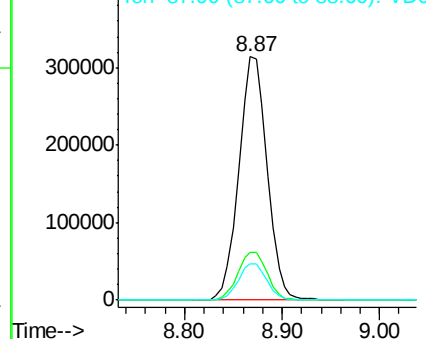
88 14.8 0.0 29.2

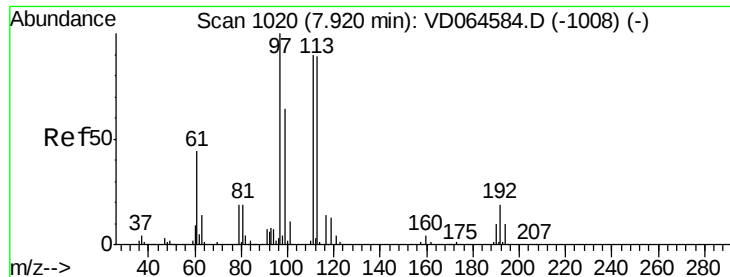


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

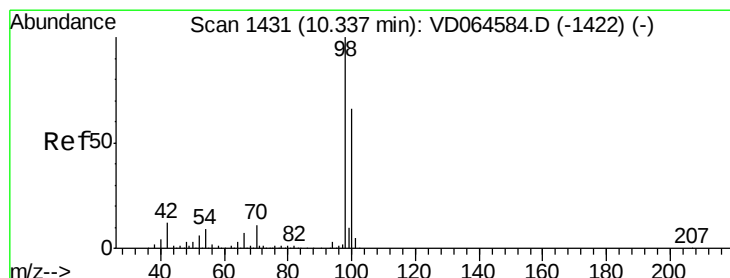
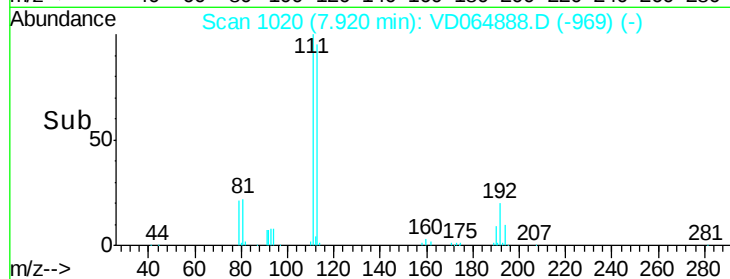
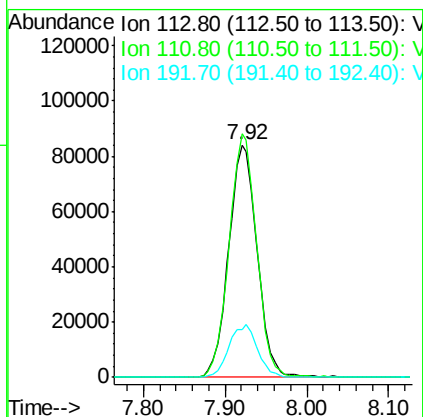
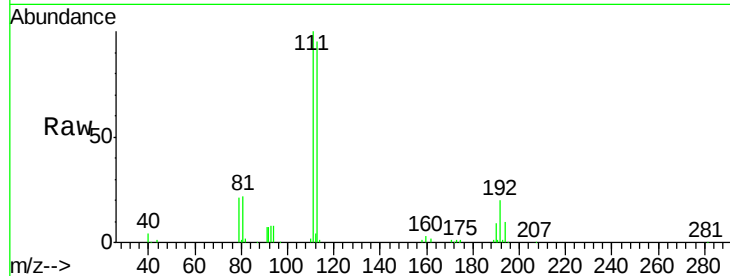




#35
 Dibromofluoromethane
 Concen: 52.579 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064888.D
 Acq: 20 Jan 2020 14:09

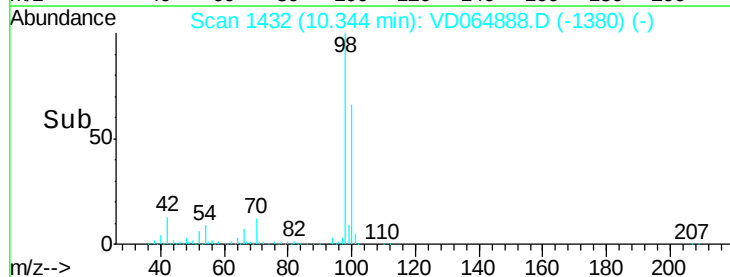
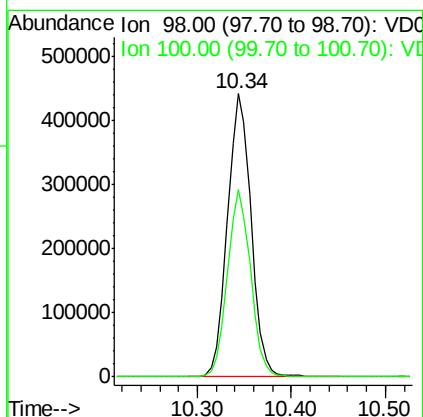
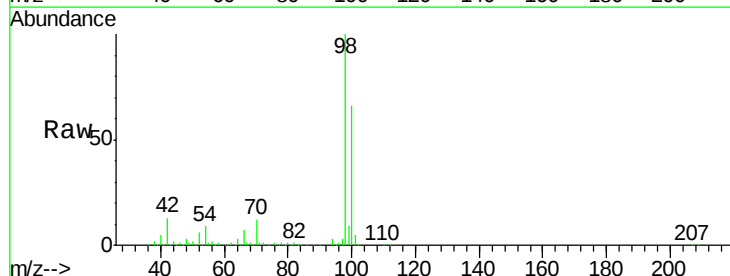
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12RE

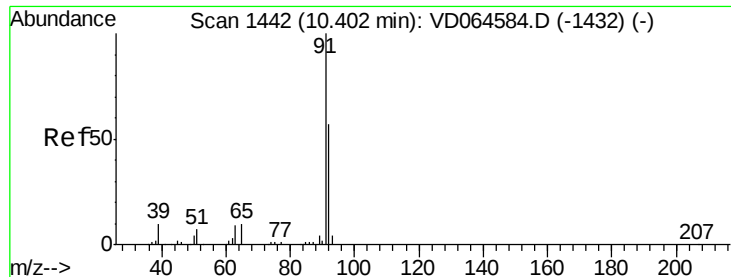
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.6	121.0
192	22.6	17.9	26.9



#50
 Toluene-d8
 Concen: 52.046 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064888.D
 Acq: 20 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#52

Toluene

Concen: 1.073 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD064888.D

Acq: 20 Jan 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

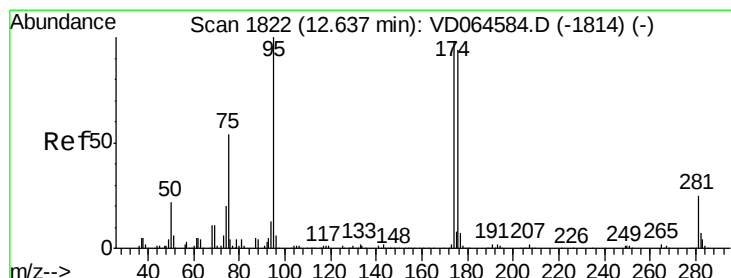
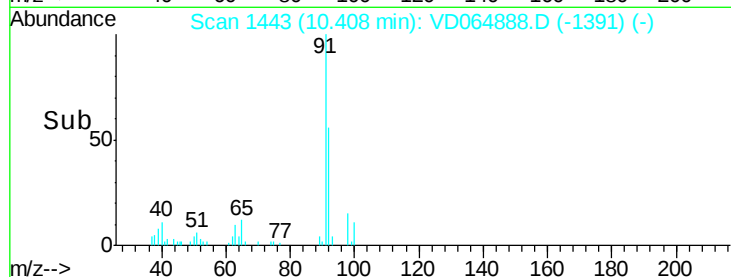
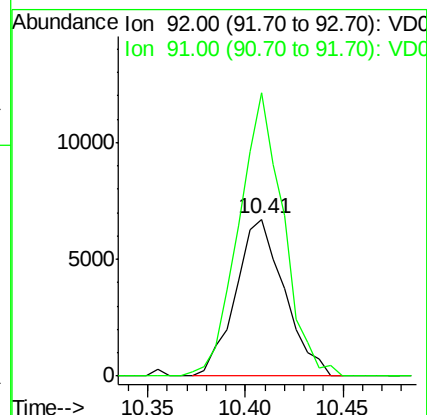
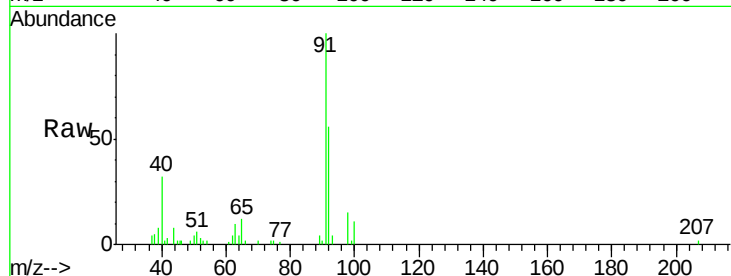
EP-12RE

Tot Ion: 92 Resp: 11670

Ion Ratio Lower Upper

92 100

91 164.1 138.7 208.1



#62

4-Bromofluorobenzene

Concen: 52.937 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064888.D

Acq: 20 Jan 2020 14:09

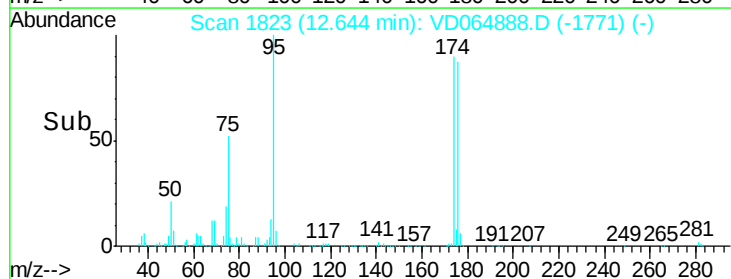
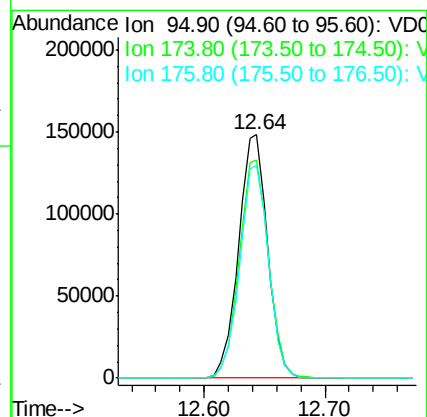
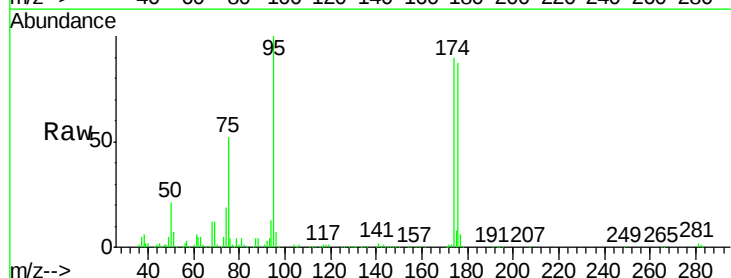
Tgt Ion: 95 Resp: 248078

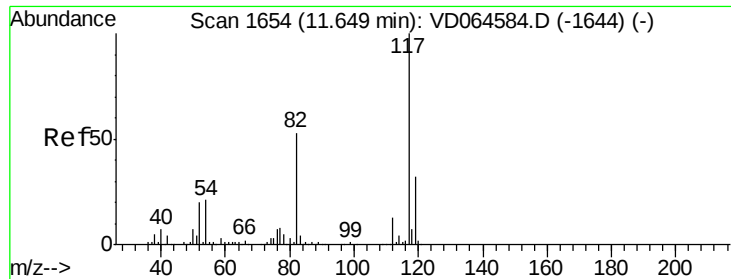
Ion Ratio Lower Upper

95 100

174 90.9 0.0 193.2

176 87.1 0.0 184.2

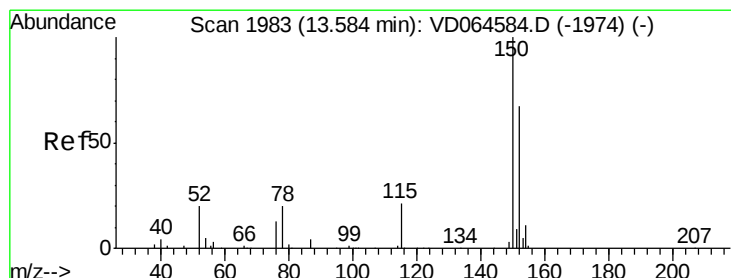
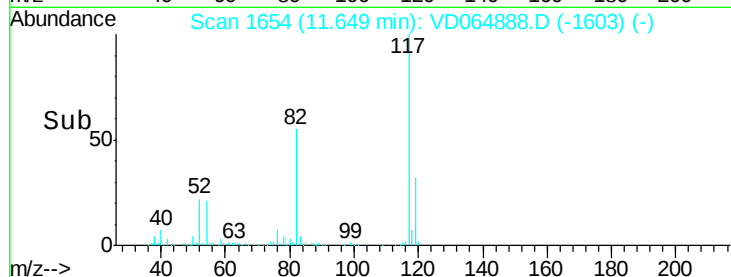
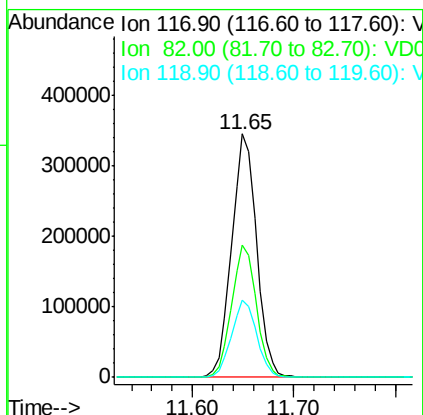
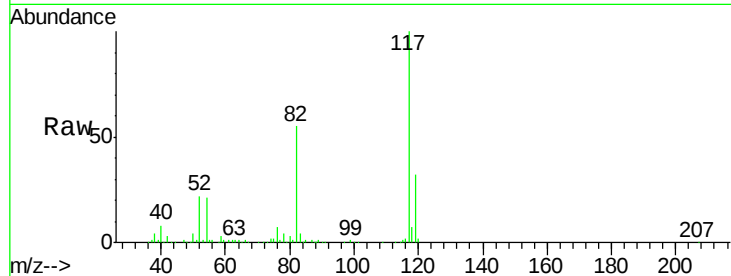




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064888.D
Acq: 20 Jan 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
EP-12RE

Tot Ion:117 Resp: 590808
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 31.8 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: VD064888.D
Acq: 20 Jan 2020 14:09

Tgt Ion:152 Resp: 277288
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.4
150 158.2 0.0 351.4

