

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064876.D
 Acq On : 17 Jan 2020 21:29
 Operator : VA/SY
 Sample : L1176-16
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-14

Quant Time: Jan 18 00:03:16 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

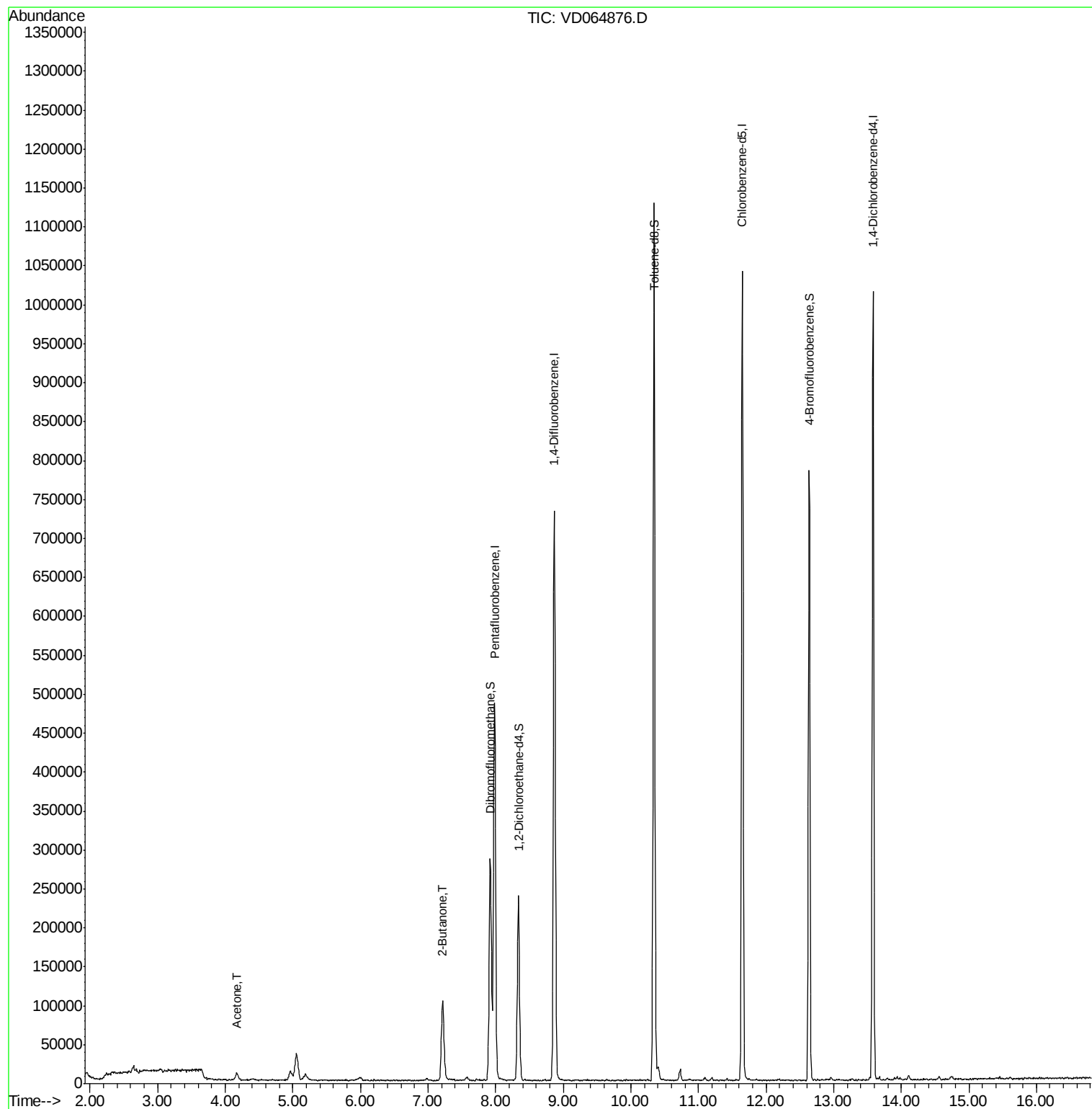
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	370777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	615481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	572075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184039	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	7.92	113	198008	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.34	98	760548	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.64	95	232246	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
Target Compounds						
16) Acetone	4.16	43	15054	23.543	ug/l	92
25) 2-Butanone	7.22	43	6586	7.328	ug/l #	75

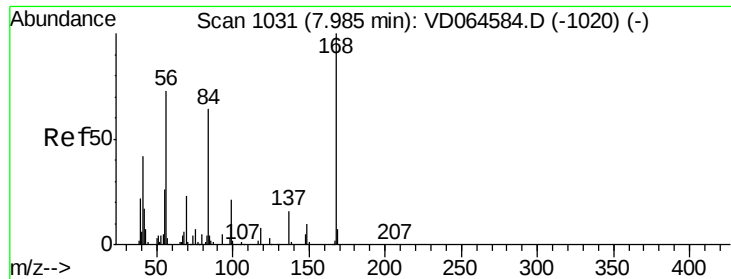
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064876.D

Acq: 17 Jan 2020 21:29

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MSVOA_D

ClientSampleId :

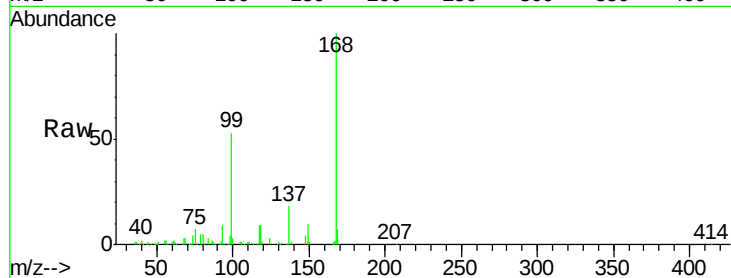
EP-14

Tot Ion:168 Resp: 370777

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

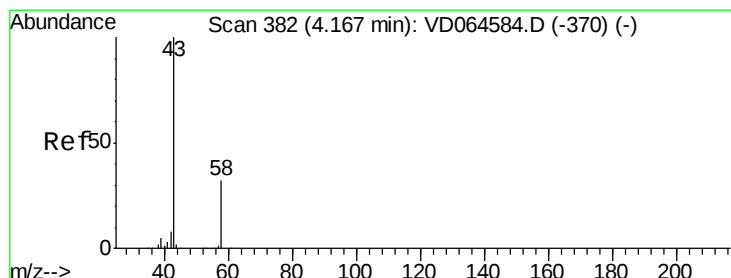
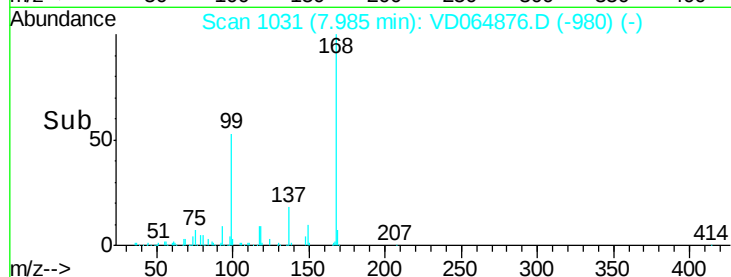
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.543 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064876.D

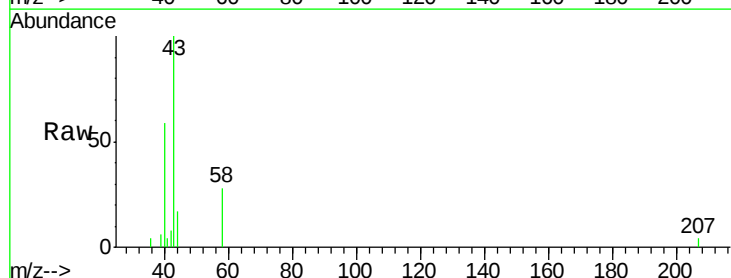
Acq: 17 Jan 2020 21:29

Tgt Ion: 43 Resp: 15054

Ion Ratio Lower Upper

43 100

58 27.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

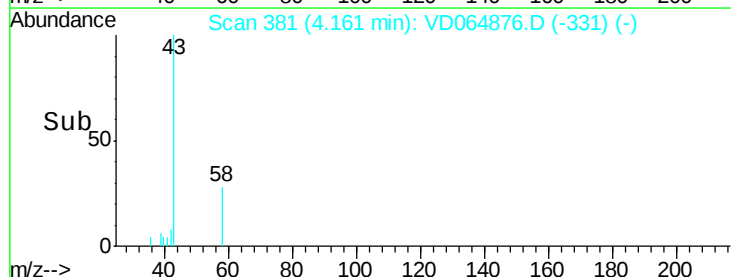
3000

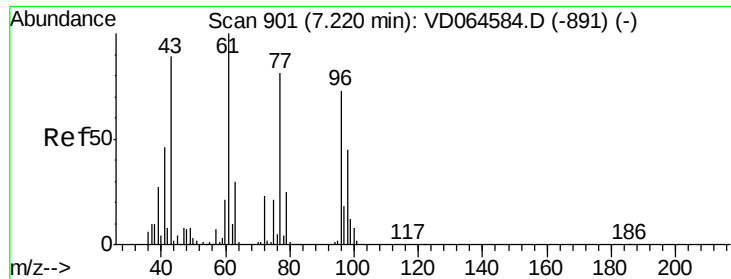
2000

1000

0

Time-->

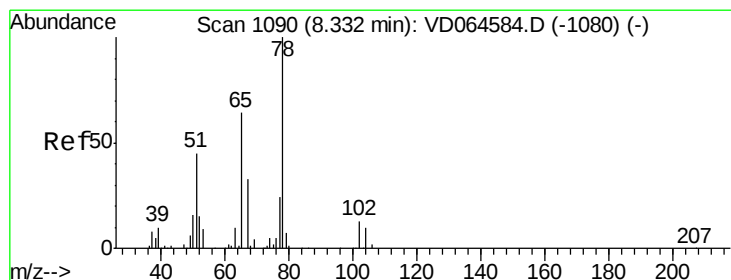
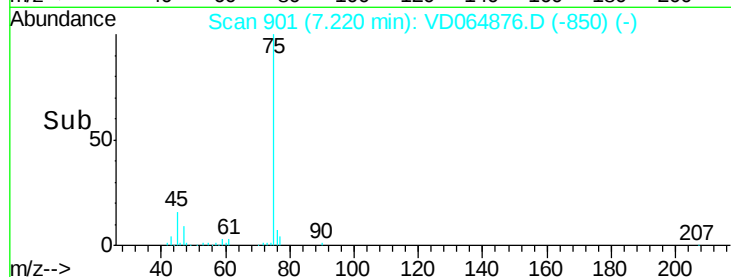
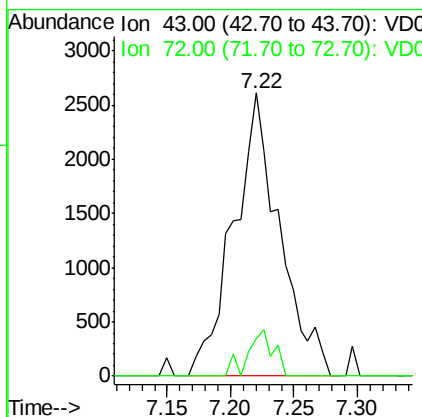
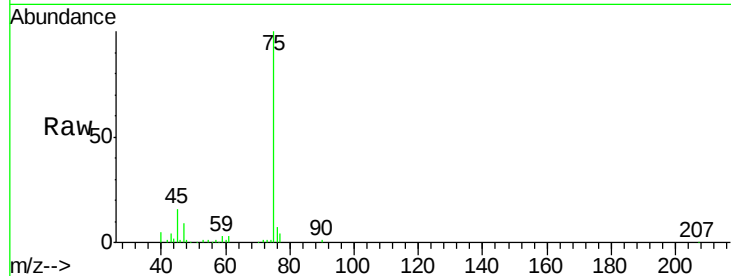




#25
2-Butanone
Concen: 7.328 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064876.D
Acq: 17 Jan 2020 21:29

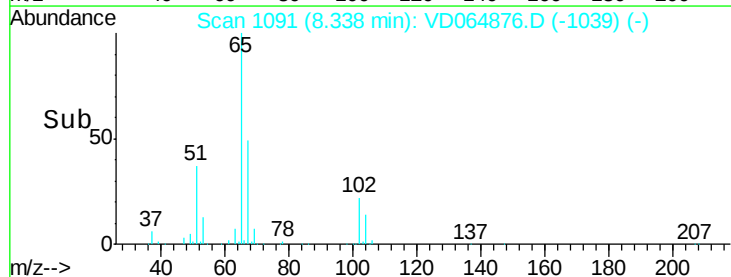
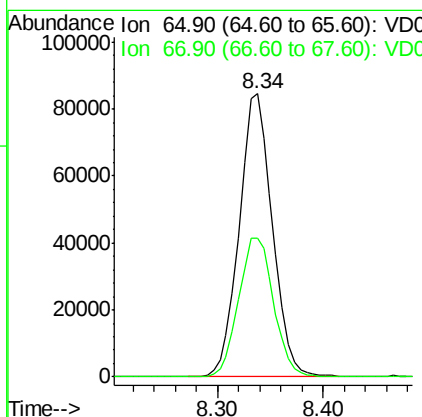
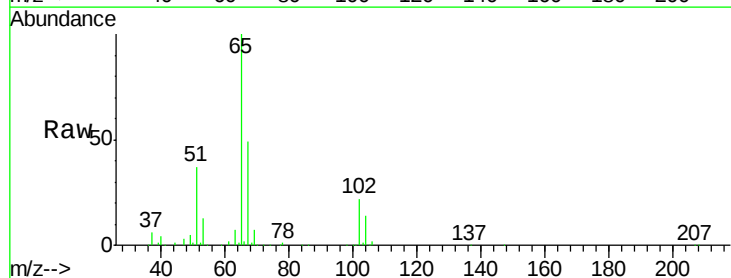
Instrument :
MSVOA_D
ClientSampled :
EP-14

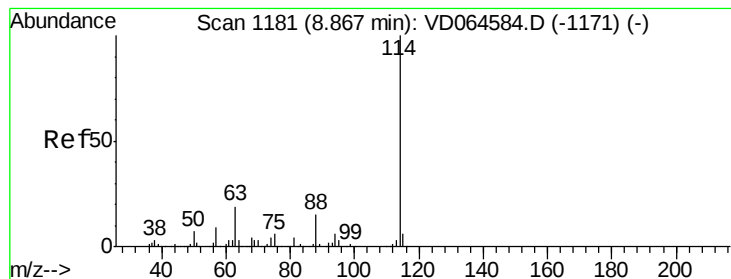
Tot Ion: 43 Resp: 6586
Ion Ratio Lower Upper
43 100
72 13.3 20.7 31.1#



#33
1,2-Dichloroethane-d4
Concen: 56.290 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064876.D
Acq: 17 Jan 2020 21:29

Tgt Ion: 65 Resp: 184039
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064876.D

Acq: 17 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

EP-14

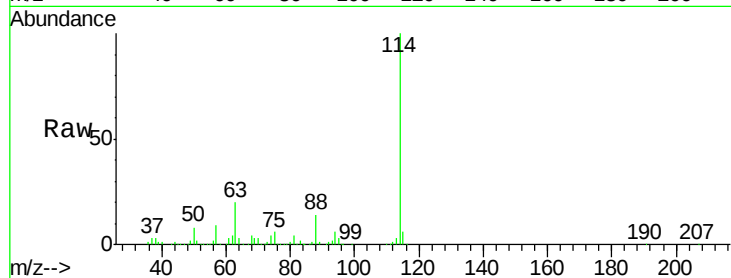
Tot Ion:114 Resp: 615481

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

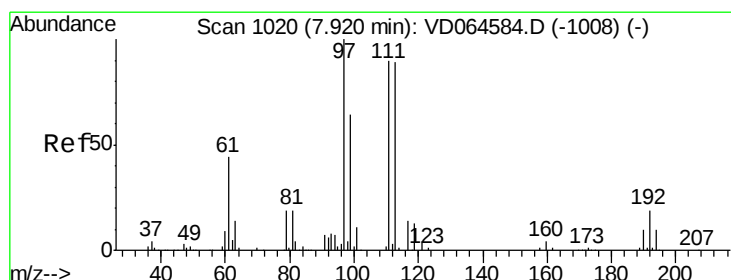
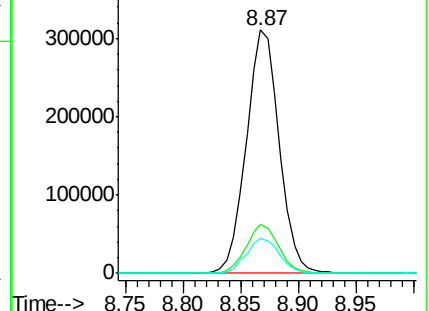
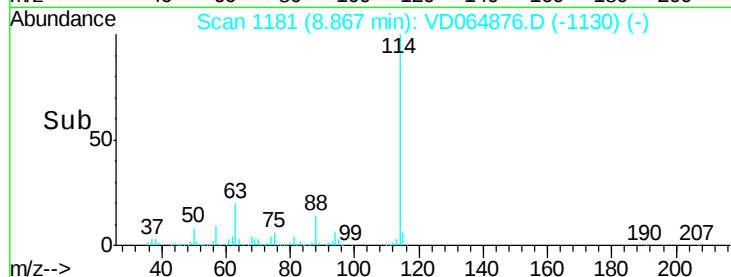
88 14.1 0.0 29.2



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: 52.437 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064876.D

Acq: 17 Jan 2020 21:29

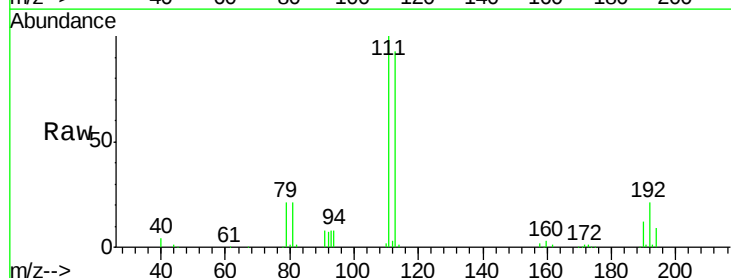
Tgt Ion:113 Resp: 198008

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

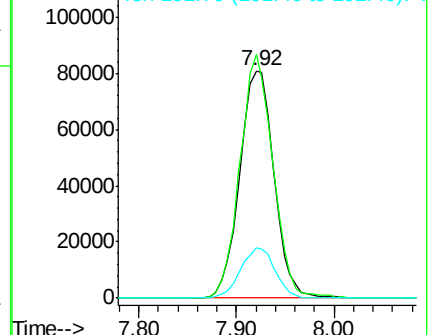
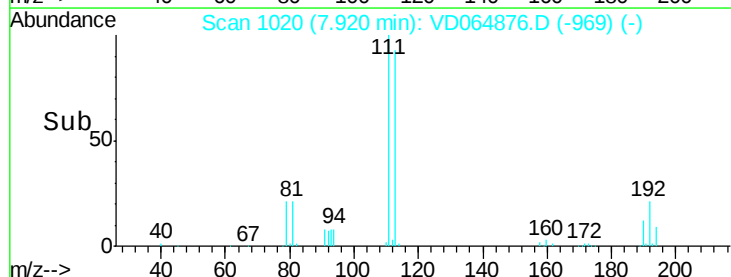
192 22.1 17.9 26.9

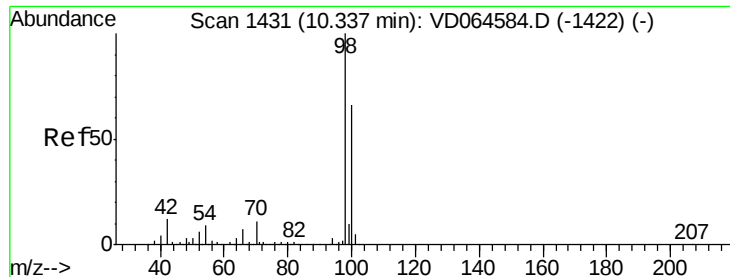


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.589 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064876.D

Acq: 17 Jan 2020 21:29

Instrument :

MSVOA_D

ClientSampleId :

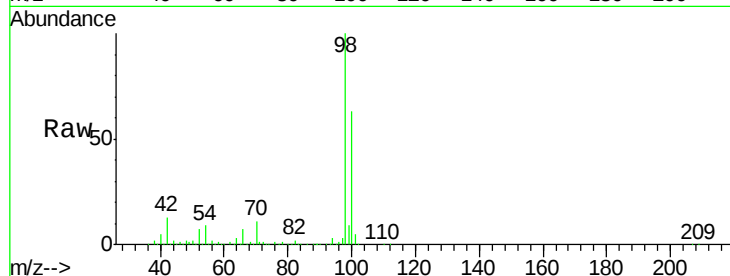
EP-14

Tot Ion: 98 Resp: 760548

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

400000

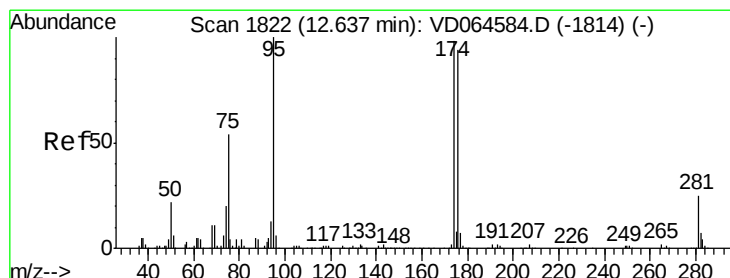
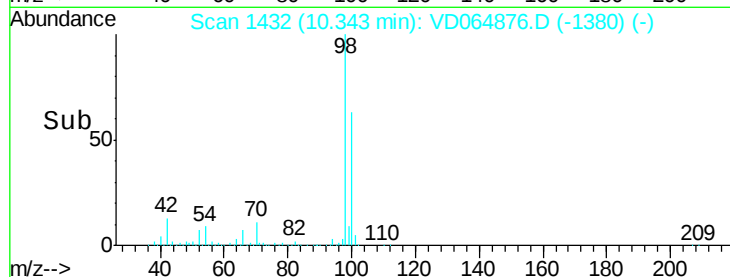
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.786 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064876.D

Acq: 17 Jan 2020 21:29

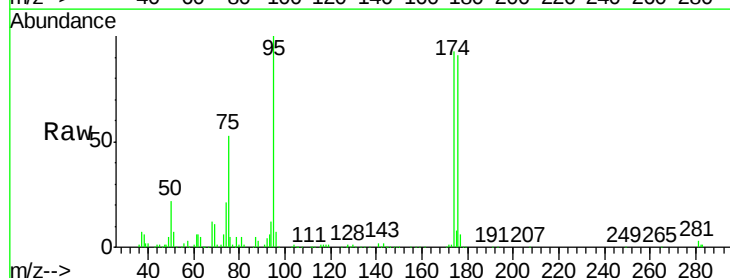
Tgt Ion: 95 Resp: 232246

Ion Ratio Lower Upper

95 100

174 93.2 0.0 193.2

176 89.3 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

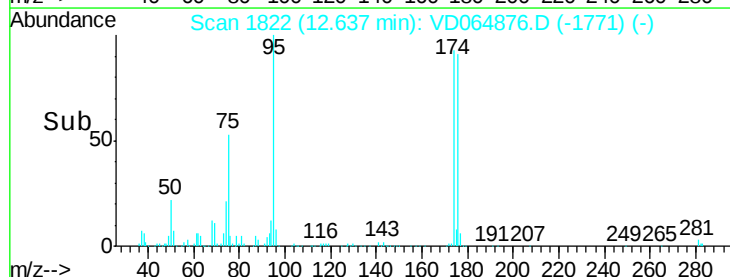
150000

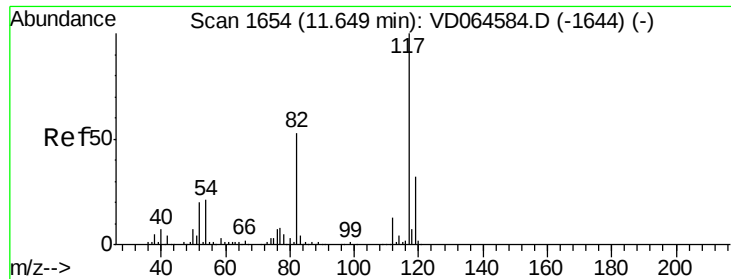
100000

50000

0

Time--> 12.60 12.70

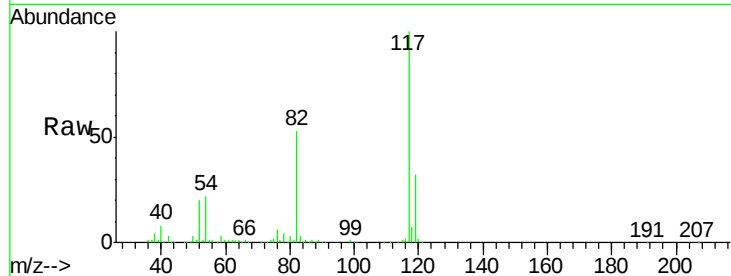




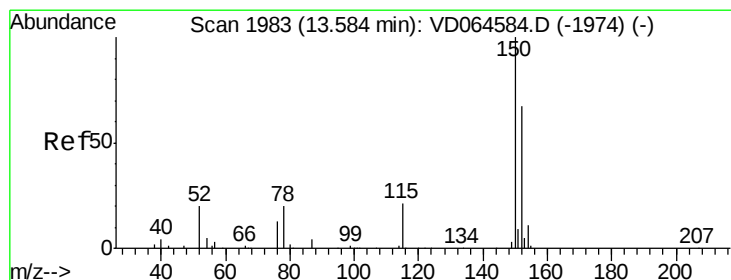
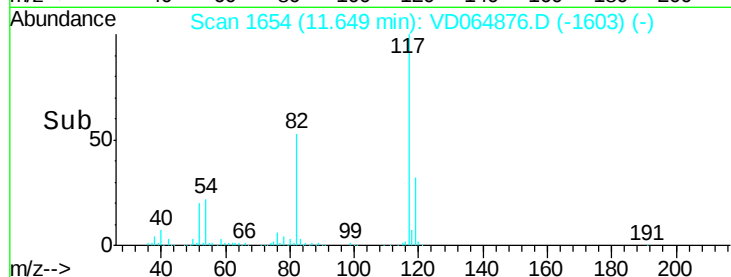
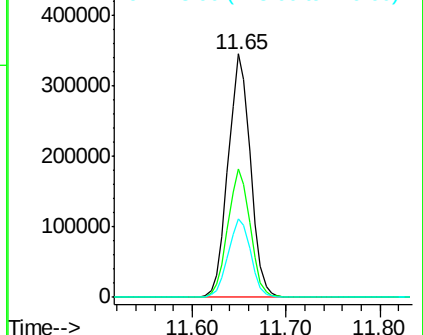
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064876.D
Acq: 17 Jan 2020 21:29

Instrument :
MSVOA_D
ClientSampleId :
EP-14

Tot Ion:117 Resp: 572075
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 32.3 26.0 39.0

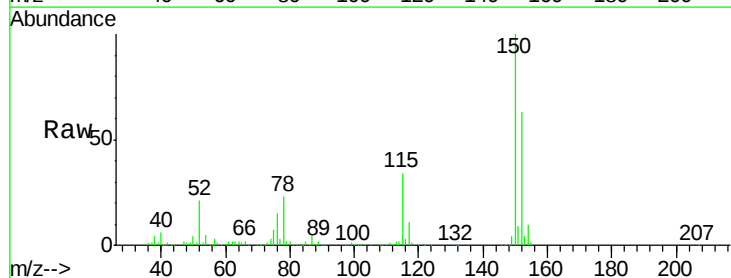


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064876.D
Acq: 17 Jan 2020 21:29

Tgt Ion:152 Resp: 265279
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 158.6 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

