

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064869.D
 Acq On : 17 Jan 2020 18:07
 Operator : VA/SY
 Sample : L1176-09
 Misc : 5.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-7

Quant Time: Jan 17 23:49:38 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

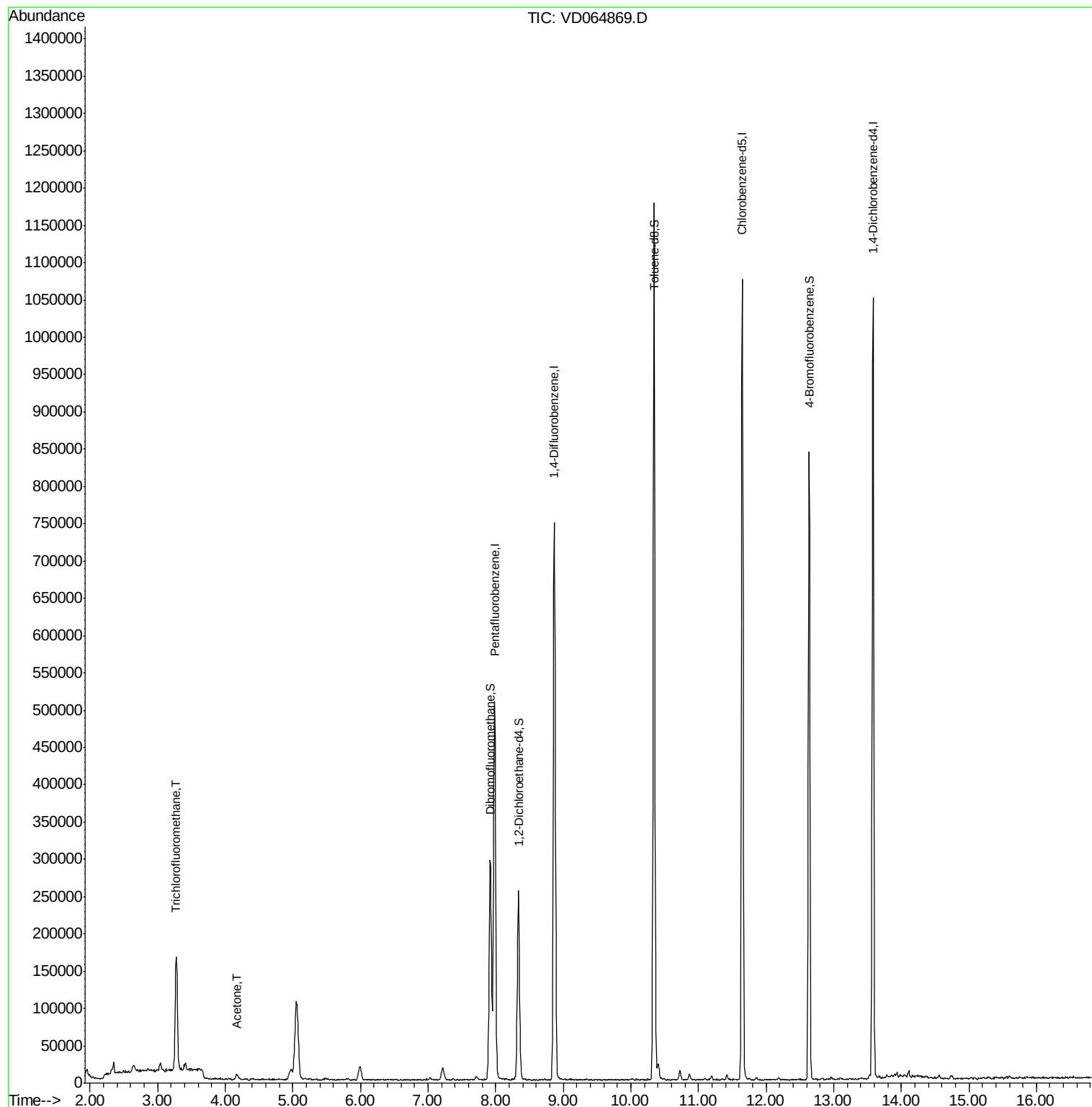
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	390867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	647839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198758	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
35) Dibromofluoromethane	7.93	113	202602	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.34	98	771325	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	241822	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
7) Trichlorofluoromethane	3.27	101	156078	17.896	ug/l	98
16) Acetone	4.17	43	13597	20.752	ug/l #	78

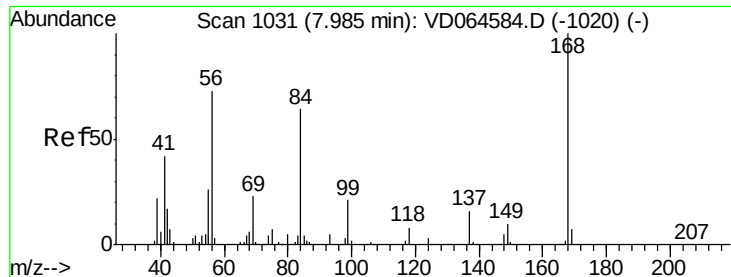
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

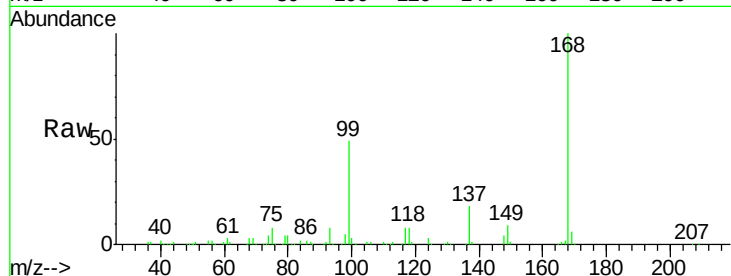
EP-7

Tot Ion:168 Resp: 390867

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VD

7.98

200000

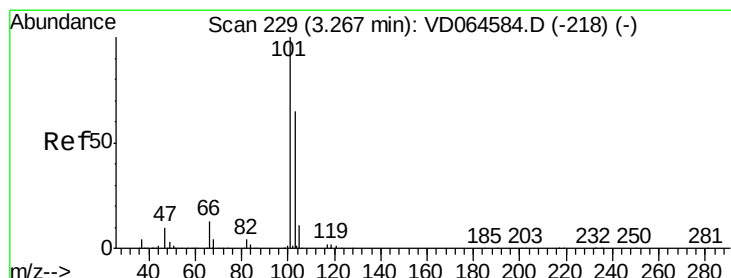
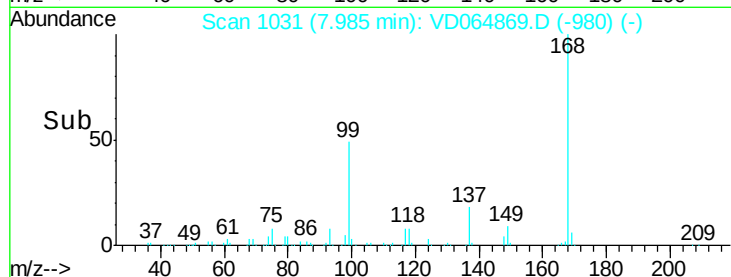
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 17.896 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD064869.D

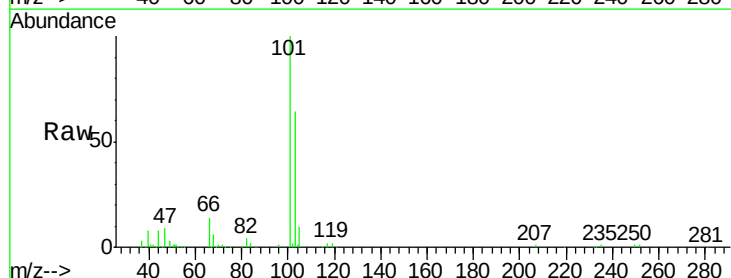
Acq: 17 Jan 2020 18:07

Tgt Ion:101 Resp: 156078

Ion Ratio Lower Upper

101 100

103 63.8 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

80000

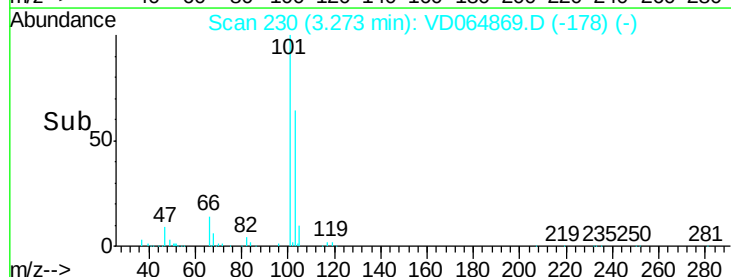
60000

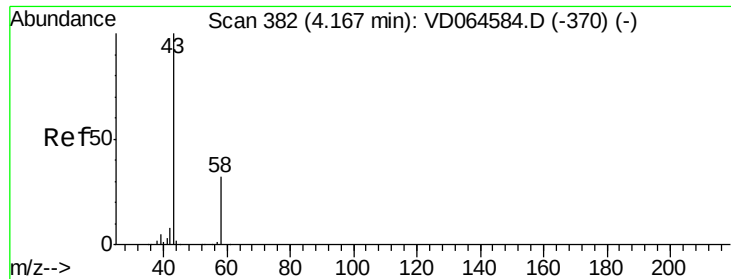
40000

20000

0

Time-->





#16

Acetone

Concen: 20.752 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampled :

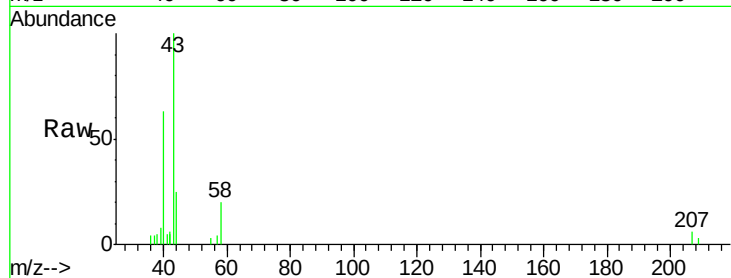
EP-7

Tot Ion: 43 Resp: 13597

Ion Ratio Lower Upper

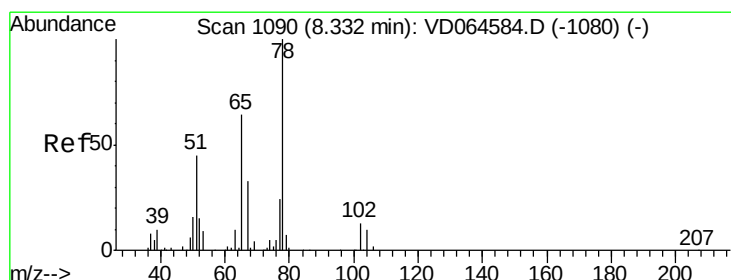
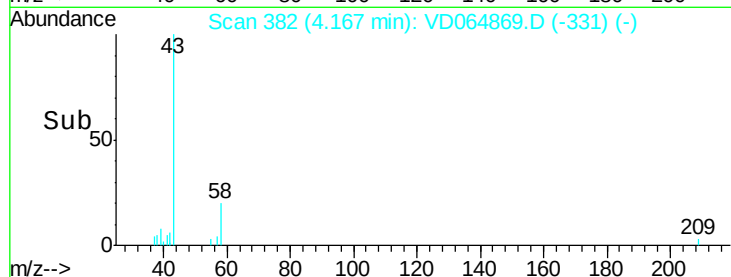
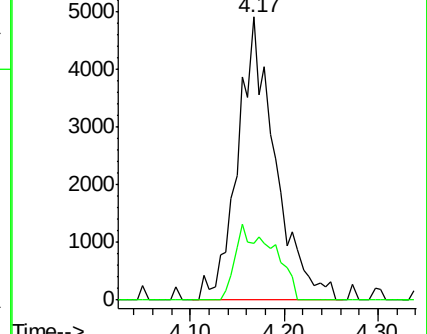
43 100

58 19.9 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: 57.668 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064869.D

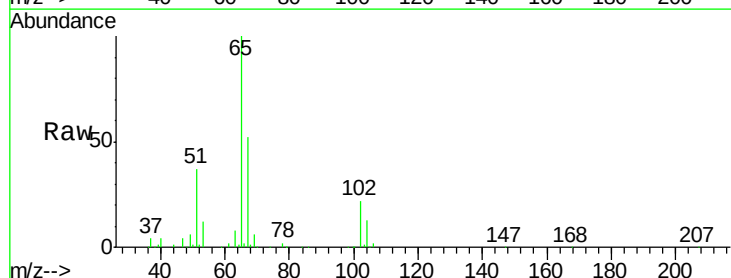
Acq: 17 Jan 2020 18:07

Tgt Ion: 65 Resp: 198758

Ion Ratio Lower Upper

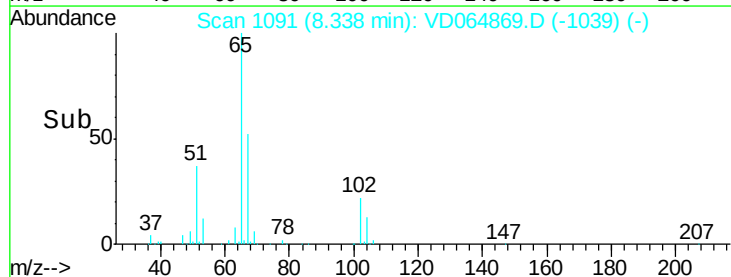
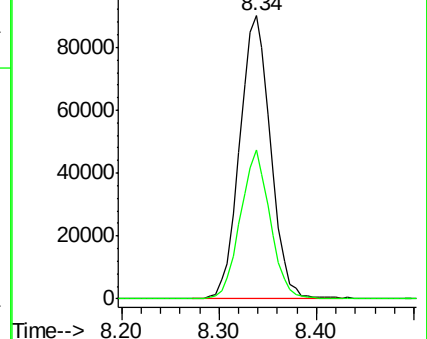
65 100

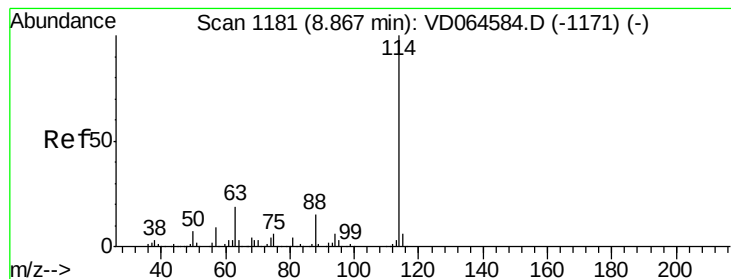
67 50.7 0.0 106.2



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: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

EP-7

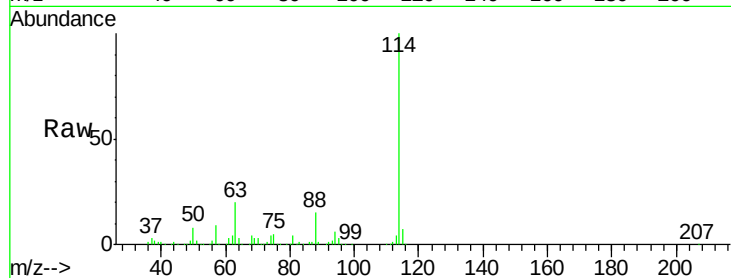
Tot Ion:114 Resp: 647839

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

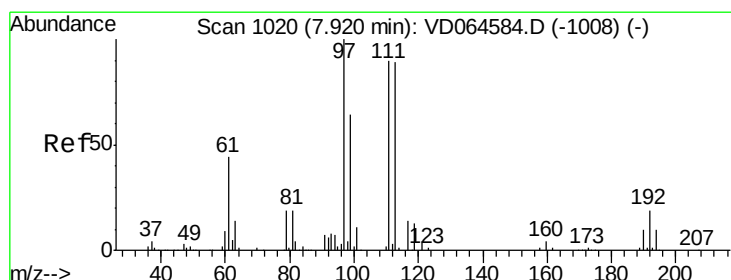
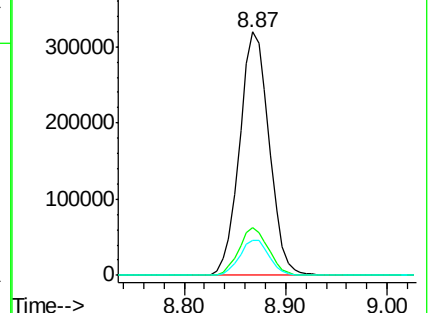
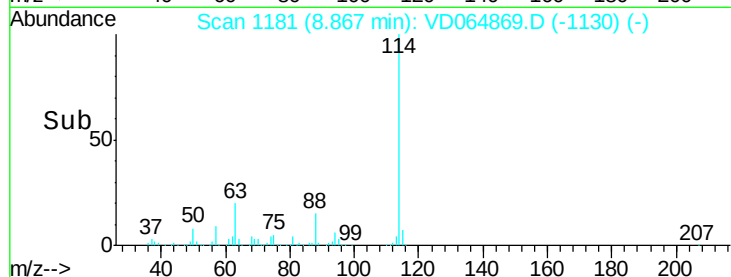
88 14.6 0.0 29.2



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: 50.974 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

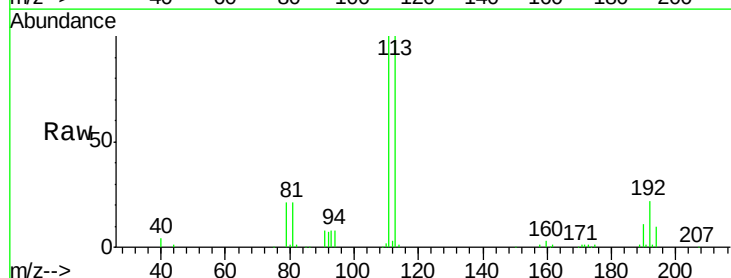
Tgt Ion:113 Resp: 202602

Ion Ratio Lower Upper

113 100

111 102.9 80.6 121.0

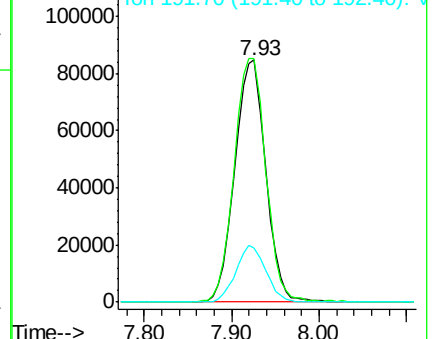
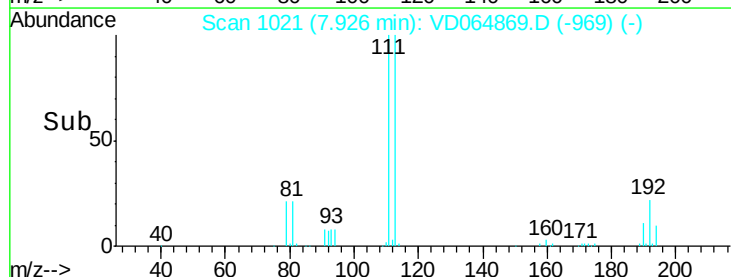
192 22.6 17.9 26.9

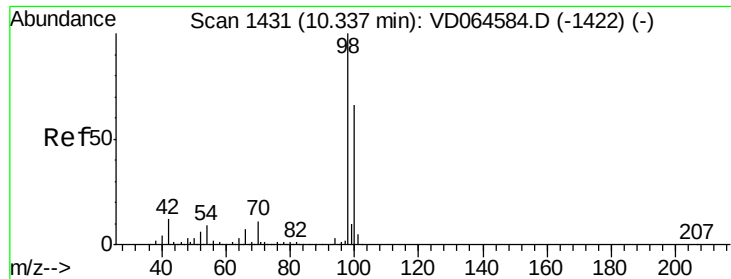


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.671 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

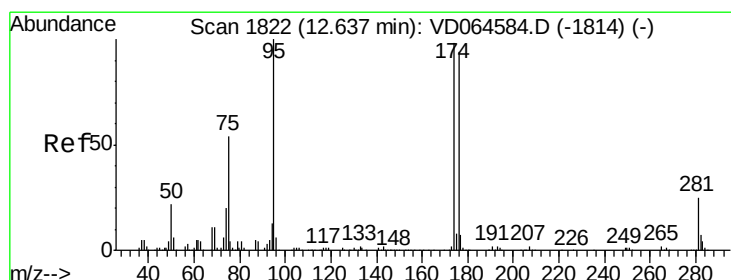
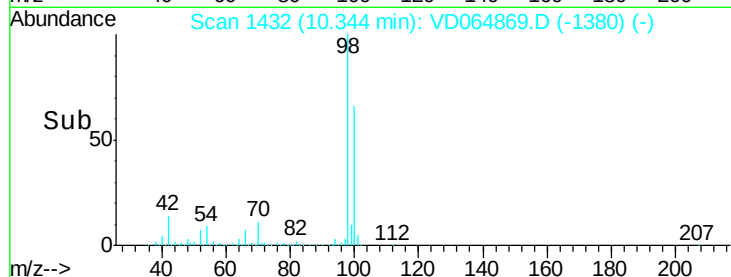
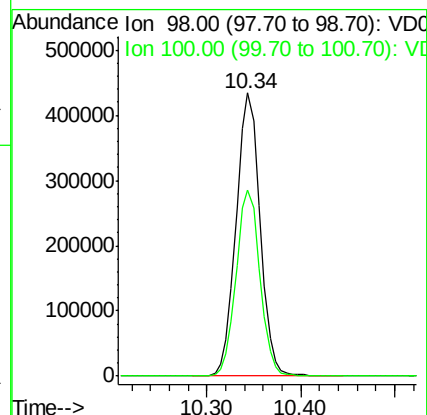
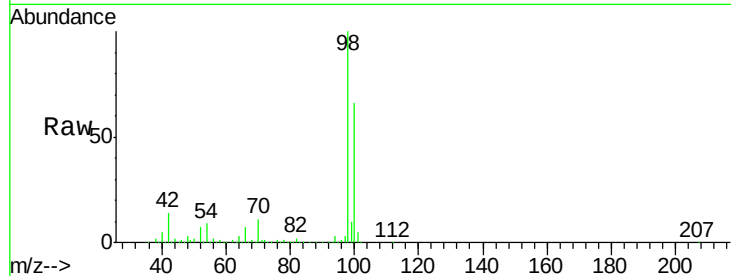
EP-7

Tot Ion: 98 Resp: 771325

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 50.239 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064869.D

Acq: 17 Jan 2020 18:07

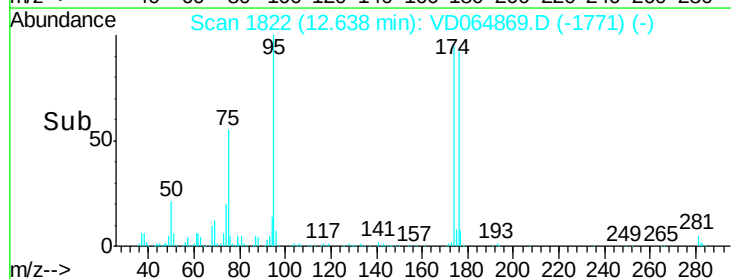
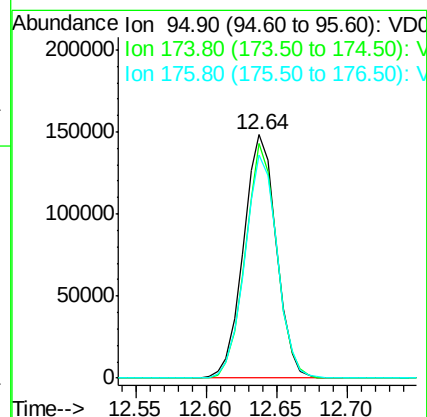
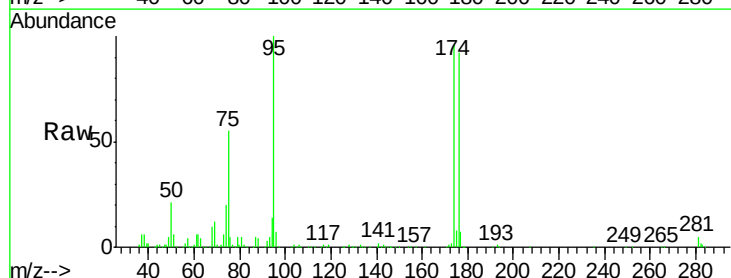
Tgt Ion: 95 Resp: 241822

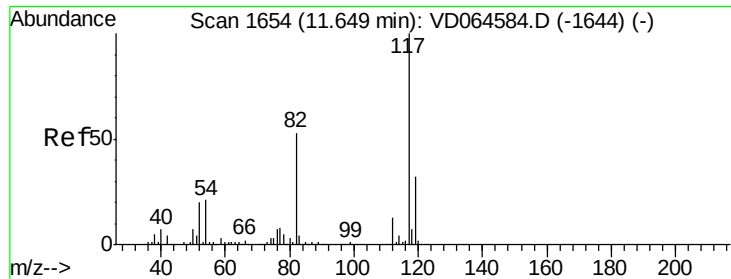
Ion Ratio Lower Upper

95 100

174 92.2 0.0 193.2

176 90.5 0.0 184.2

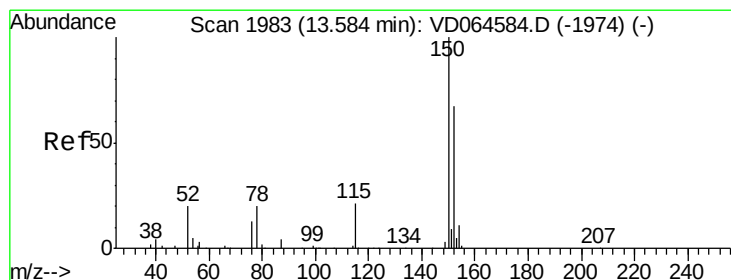
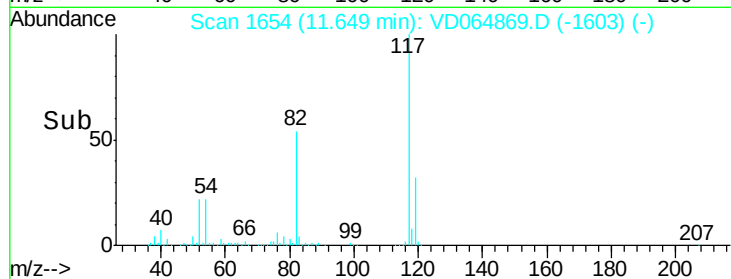
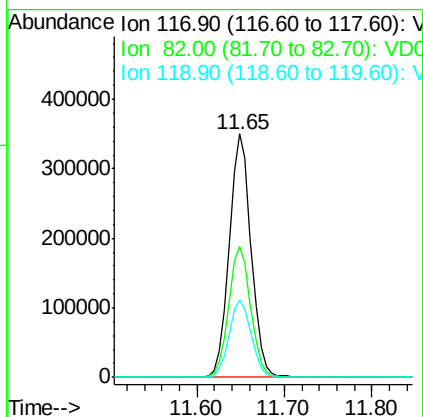
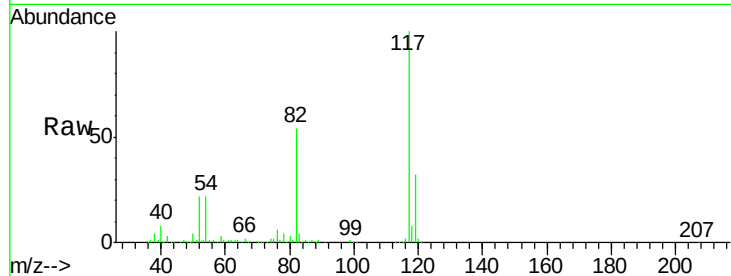




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064869.D
Acq: 17 Jan 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
EP-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	32.0	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: VD064869.D
Acq: 17 Jan 2020 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.8	83.4
150	154.1	0.0	351.4

