

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064882.D
 Acq On : 20 Jan 2020 11:19
 Operator : VA/SY
 Sample : L1176-03
 Misc : 5.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-3

Quant Time: Jan 21 04:34:50 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

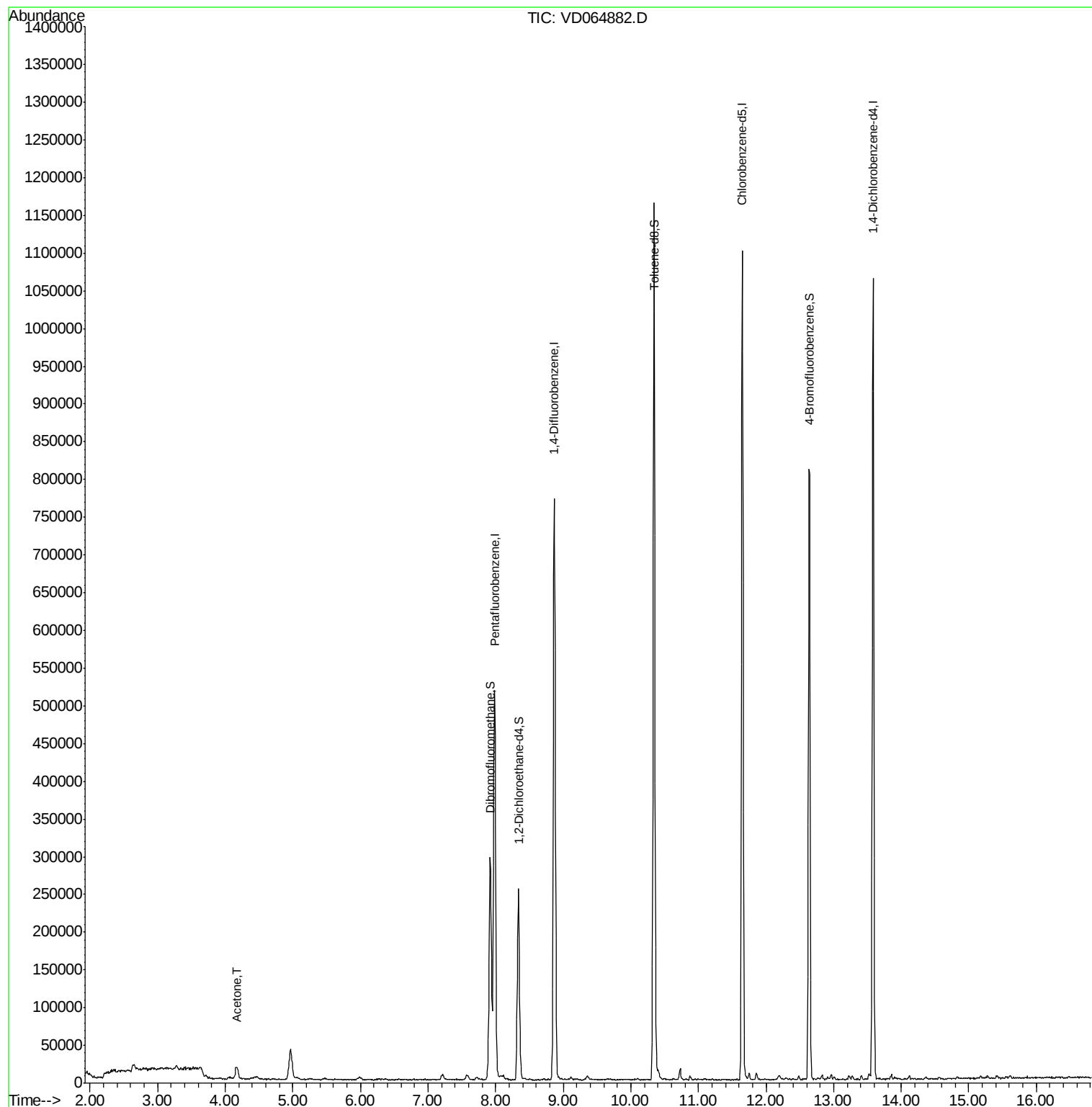
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	649489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198975	57.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.98%	
35) Dibromofluoromethane	7.92	113	205957	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.34	98	784496	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.64	95	250382	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
Target Compounds						
16) Acetone	4.17	43	31777	43.112	ug/l	Qvalue 90

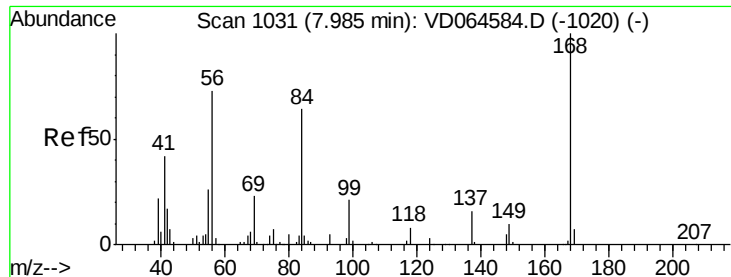
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

ClientSampled :

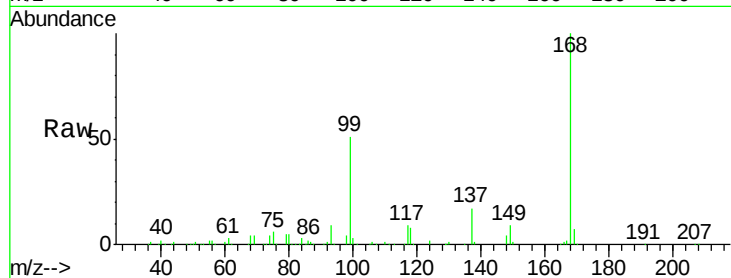
EP-3

Tot Ion:168 Resp: 392506

Ion Ratio Lower Upper

168 100

99 50.9 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

200000

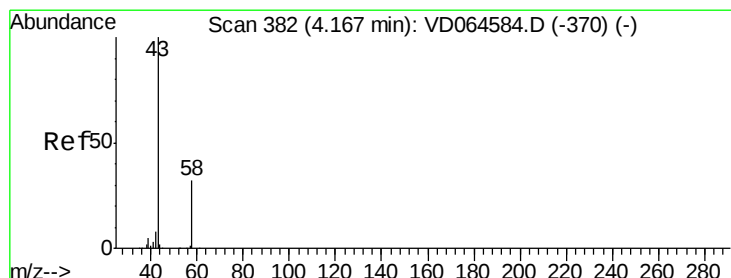
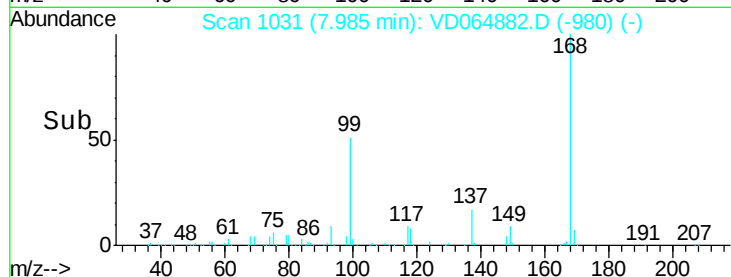
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.112 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064882.D

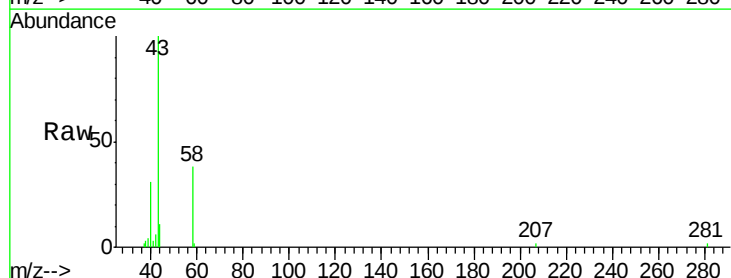
Acq: 20 Jan 2020 11:19

Tgt Ion: 43 Resp: 31777

Ion Ratio Lower Upper

43 100

58 37.5 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

12000

10000

8000

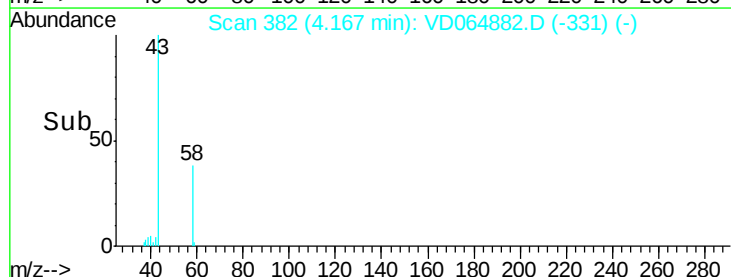
6000

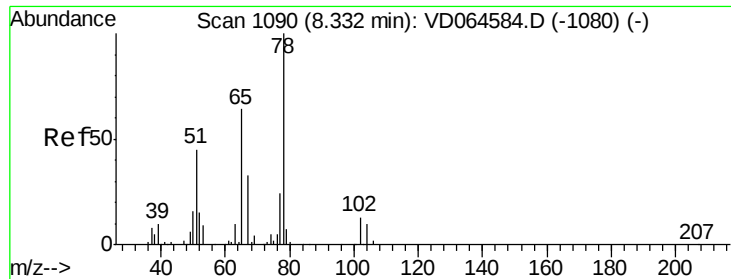
4000

2000

0

Time-->

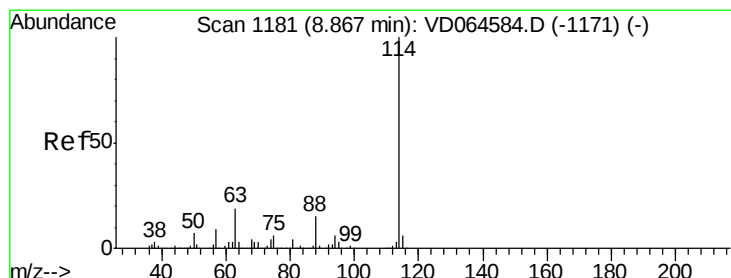
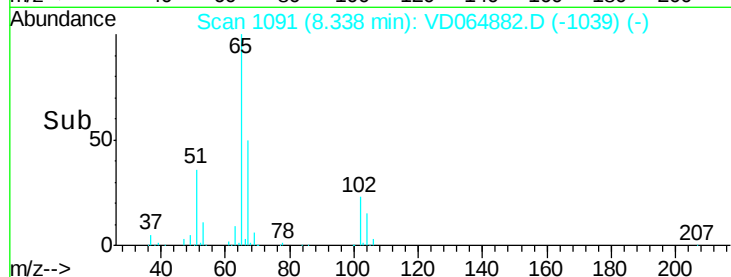
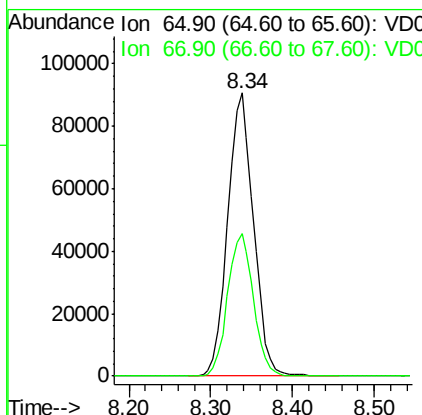
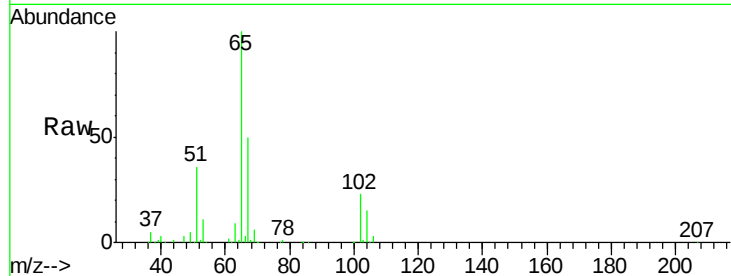




#33
 1,2-Dichloroethane-d4
 Concen: 57.489 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064882.D
 Acq: 20 Jan 2020 11:19

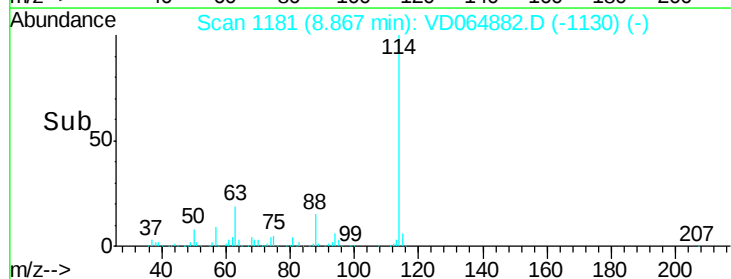
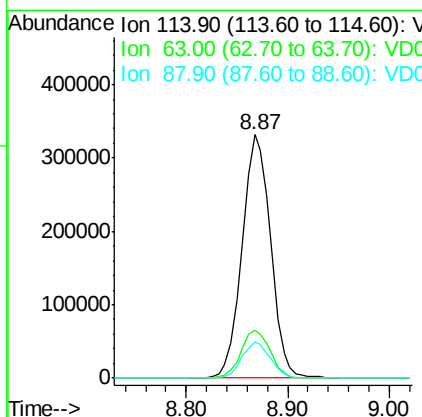
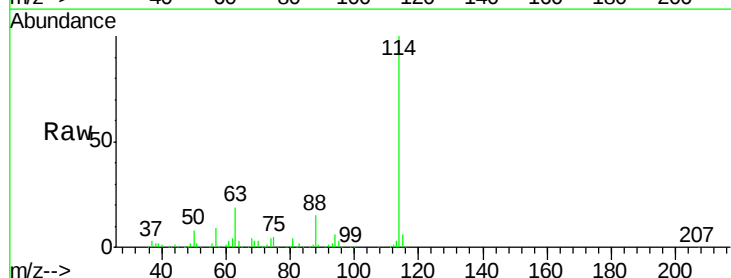
Instrument :
 MSVOA_D
 ClientSampled :
 EP-3

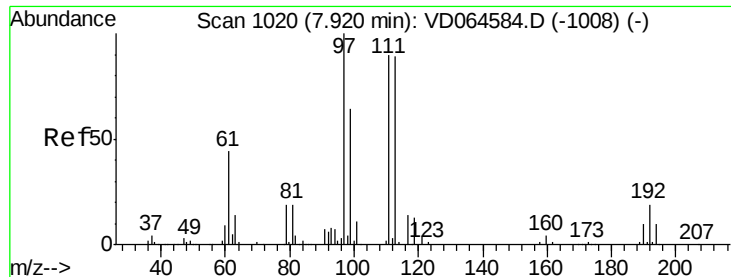
Tot Ion: 65 Resp: 198975
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064882.D
 Acq: 20 Jan 2020 11:19

Tgt Ion: 114 Resp: 649489
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.687 ug/l

RT: 7.92 min Scan# 1020

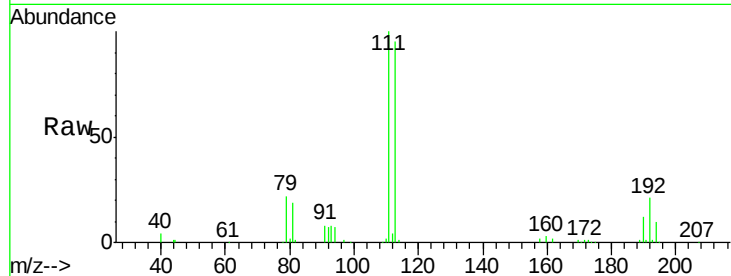
Delta R.T. 0.00 min

Lab File: VD064882.D

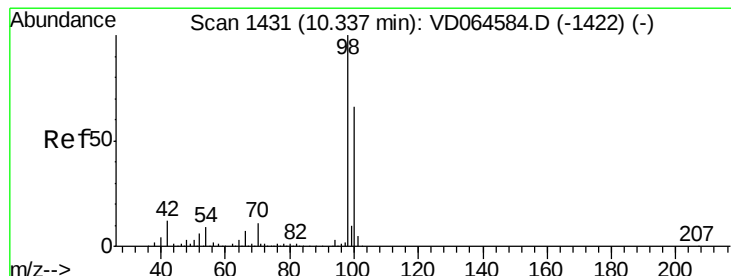
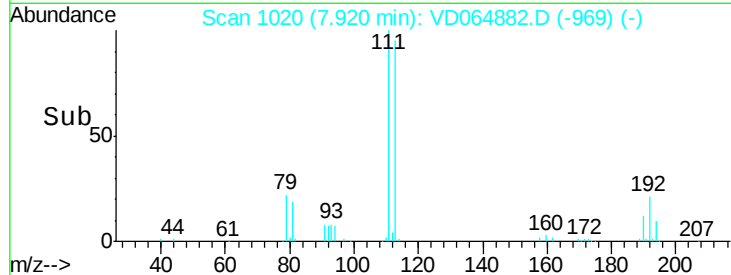
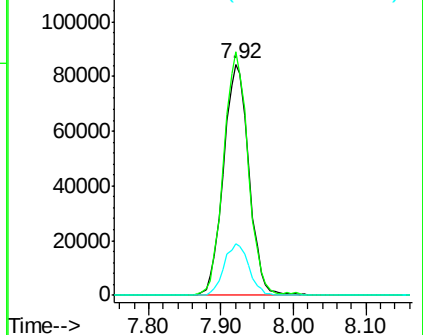
Acq: 20 Jan 2020 11:19

Instrument :
MSVOA_D
ClientSampleId :
EP-3

Tot Ion:	113	Resp:	205957
Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.6	121.0
192	21.7	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: 51.405 ug/l

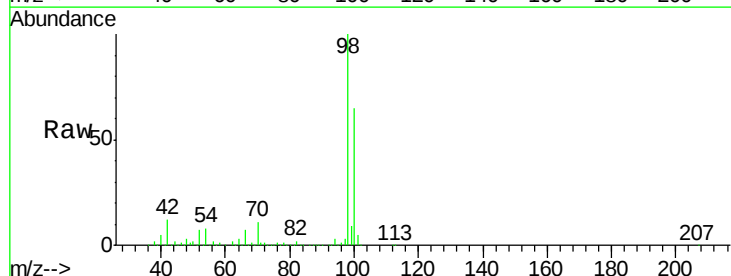
RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

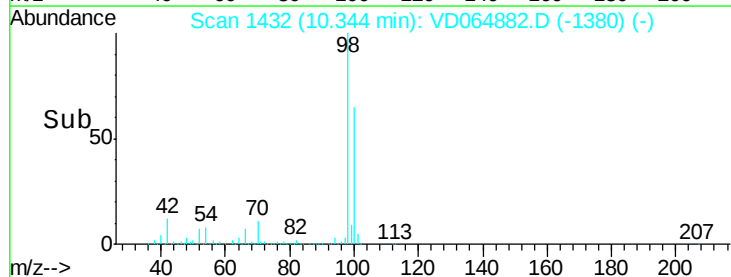
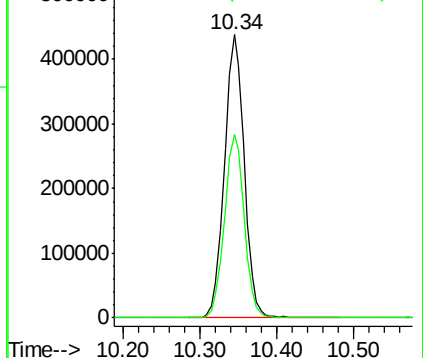
Lab File: VD064882.D

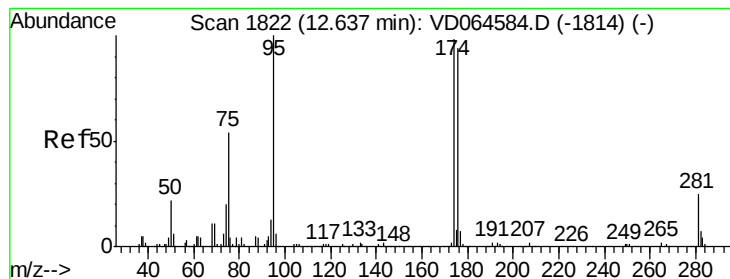
Acq: 20 Jan 2020 11:19

Tgt Ion:	98	Resp:	784496
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 51.885 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

ClientSampleId :

EP-3

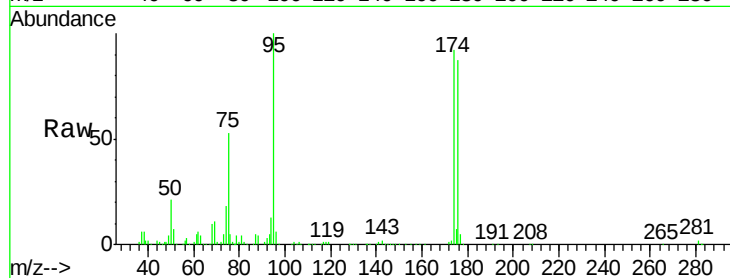
Tot Ion: 95 Resp: 250382

Ion Ratio Lower Upper

95 100

174 91.9 0.0 193.2

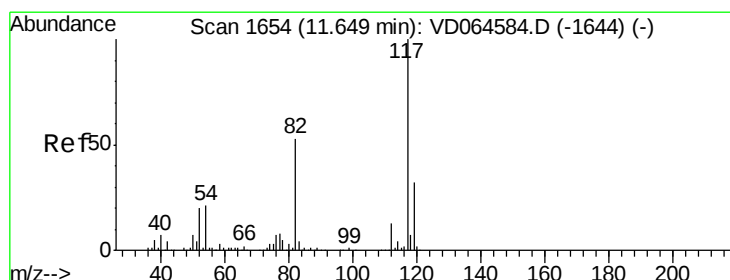
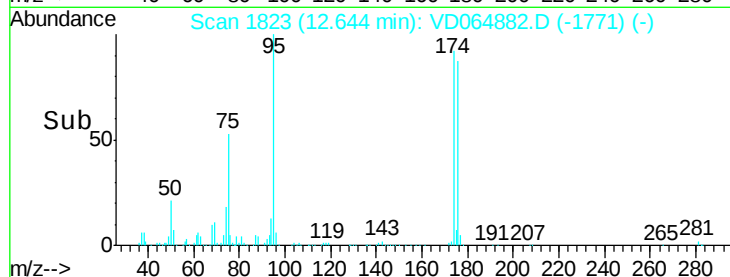
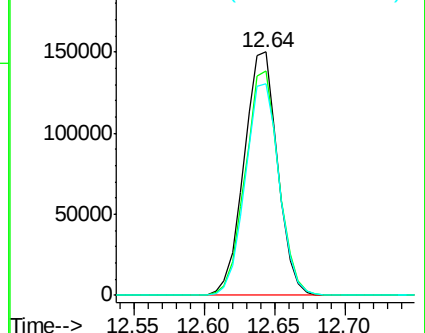
176 88.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

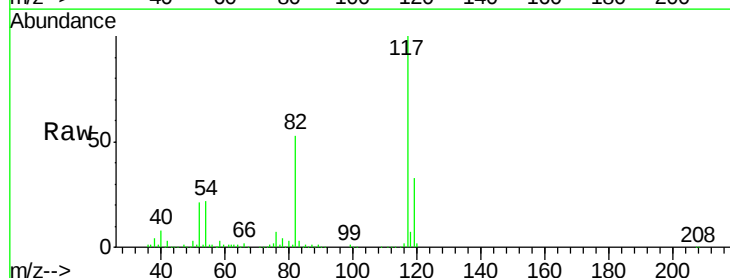
Tgt Ion: 117 Resp: 597445

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

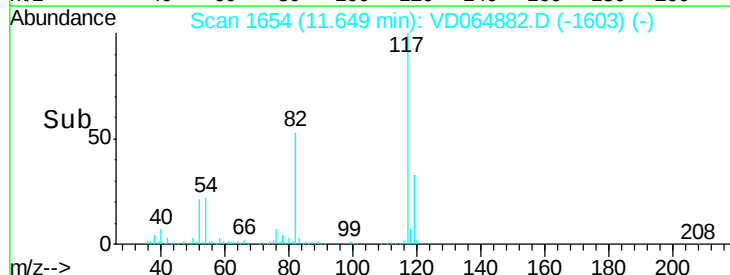
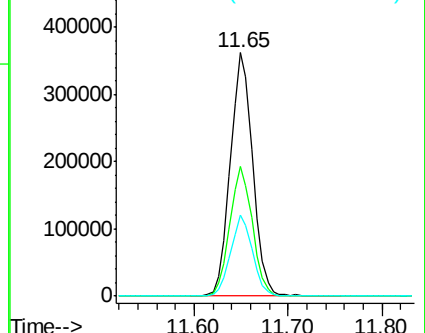
119 33.2 26.0 39.0

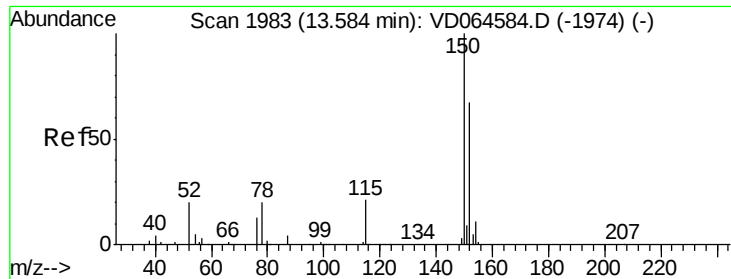


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

ClientSampleId :

EP-3

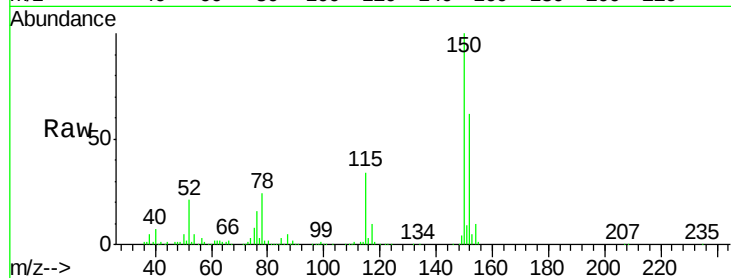
Tot Ion:152 Resp: 279093

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 156.9 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

