

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064868.D
 Acq On : 17 Jan 2020 17:38
 Operator : VA/SY
 Sample : L1176-08
 Misc : 5.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-6

Quant Time: Jan 20 08:36:48 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

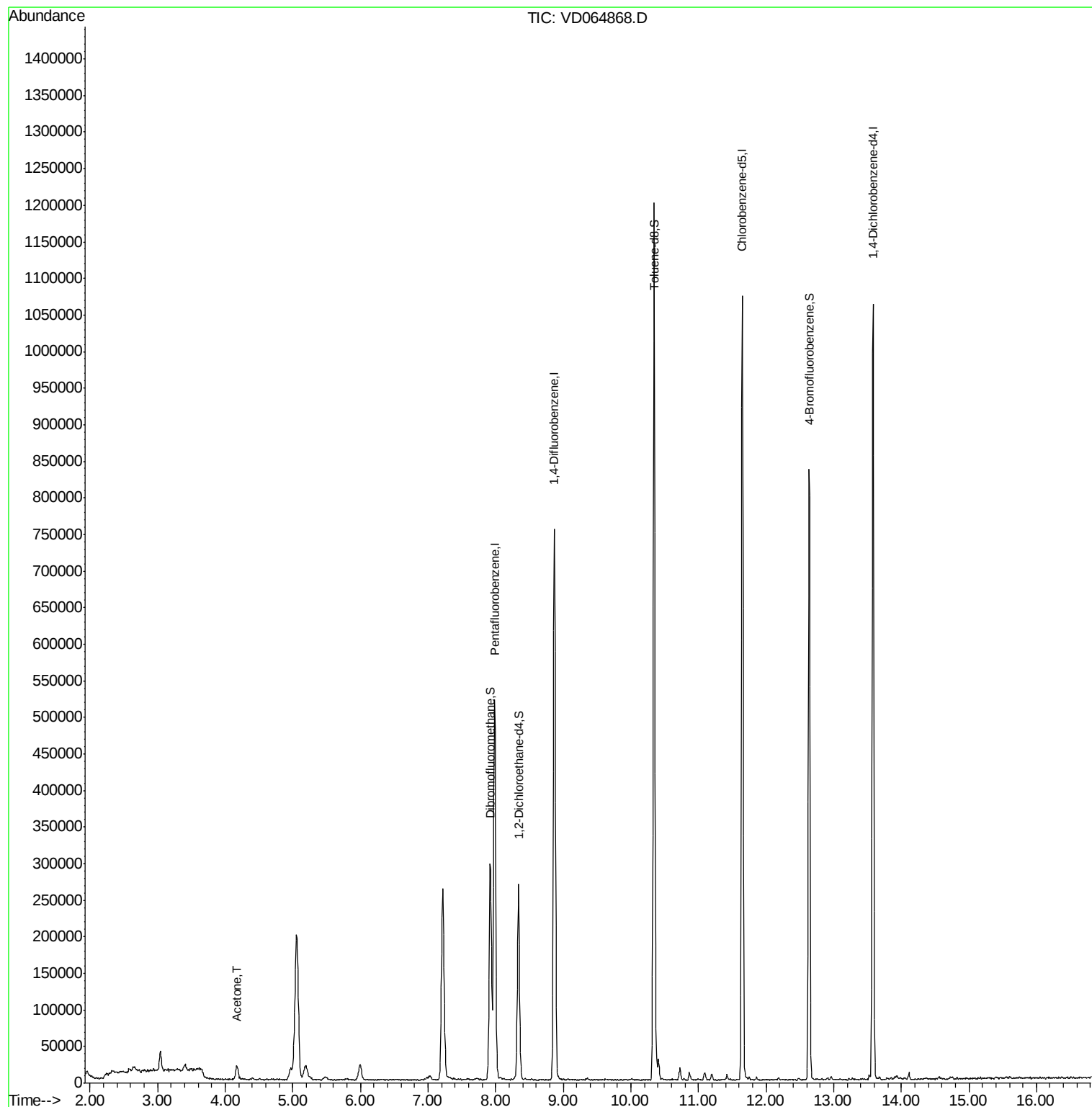
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	393845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	645337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	606359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	201270	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	7.92	113	206724	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.34	98	789191	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	248109	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
Target Compounds						
16) Acetone	4.17	43	34072	45.831	ug/l	Qvalue 93

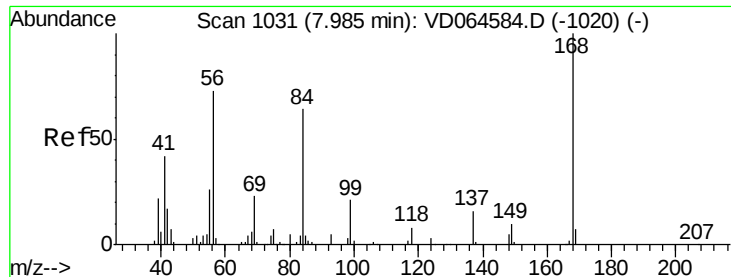
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064868.D

Acq: 17 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampled :

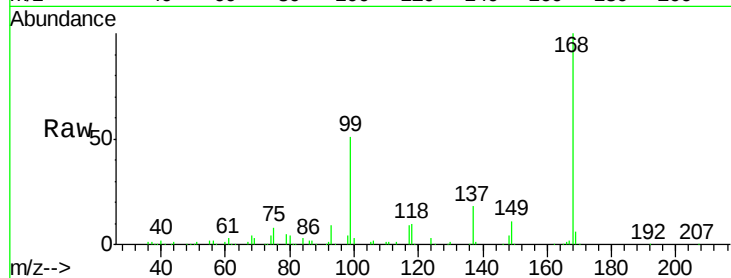
EP-6

Tot Ion:168 Resp: 393845

Ion Ratio Lower Upper

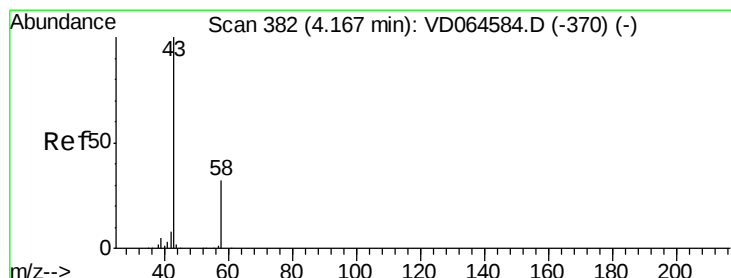
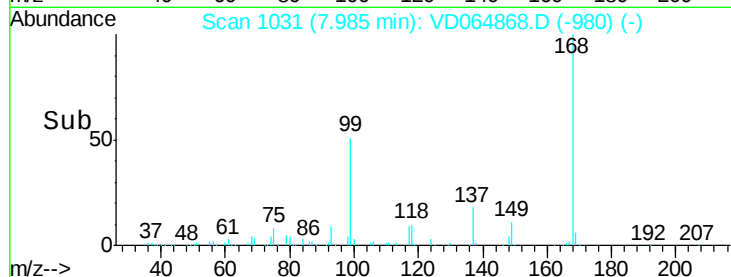
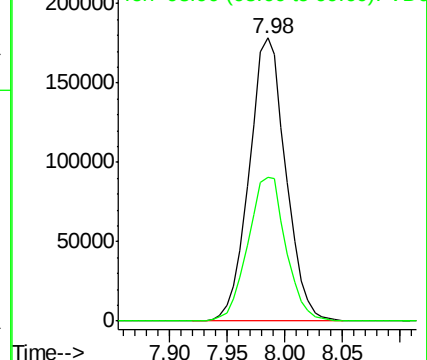
168 100

99 50.6 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: 45.831 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064868.D

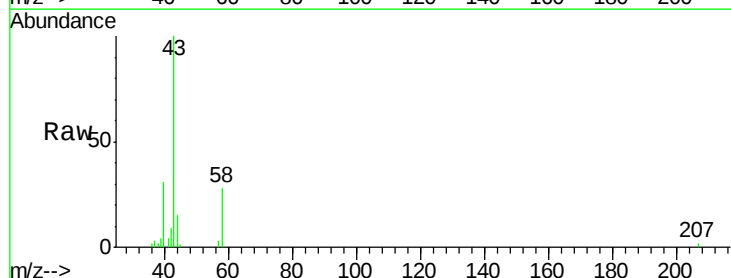
Acq: 17 Jan 2020 17:38

Tgt Ion: 43 Resp: 34072

Ion Ratio Lower Upper

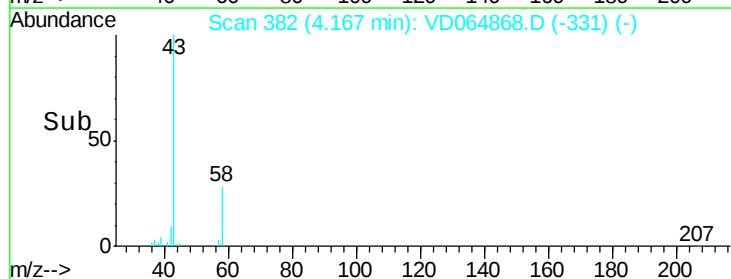
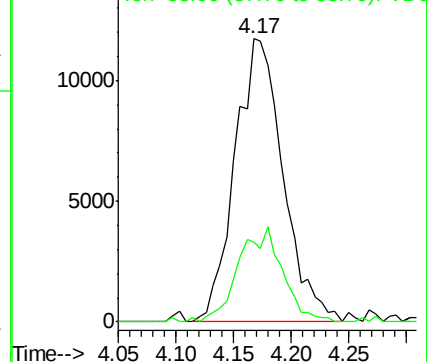
43 100

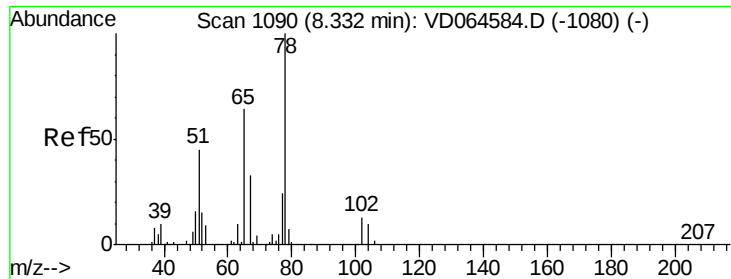
58 28.4 25.8 38.6



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: 57.955 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064868.D

Acq: 17 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

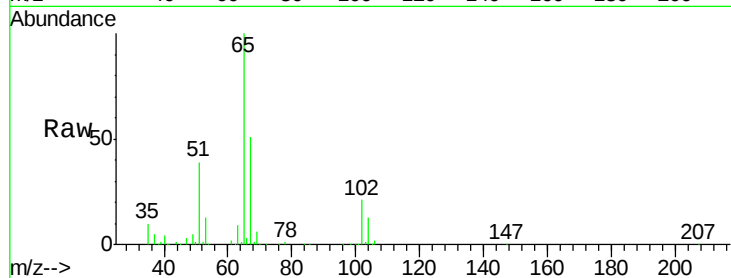
EP-6

Tot Ion: 65 Resp: 201270

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

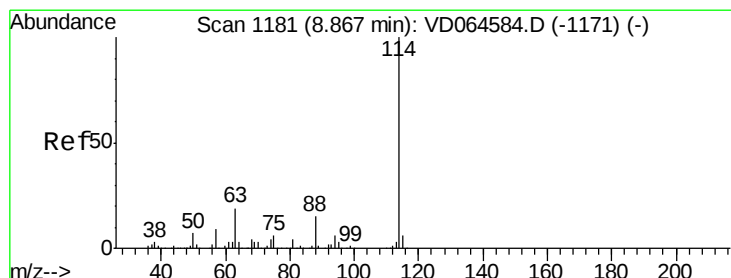
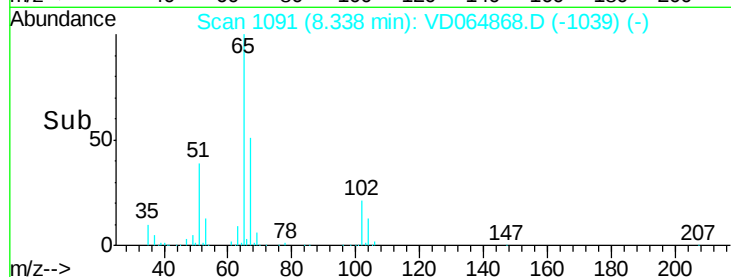
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064868.D

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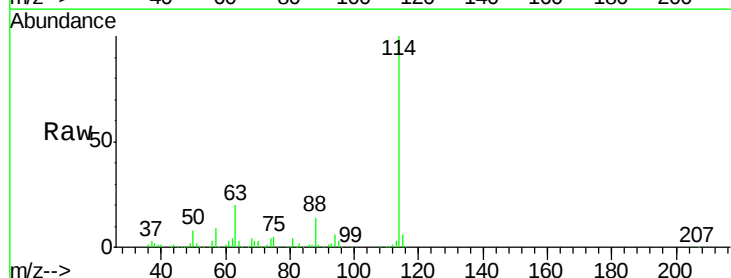
Tgt Ion: 114 Resp: 645337

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 14.4 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

8.87

400000

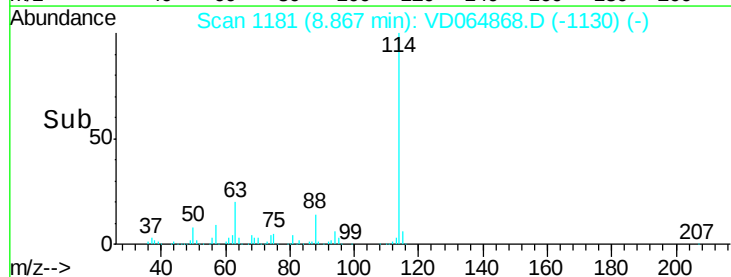
300000

200000

100000

0

Time-->

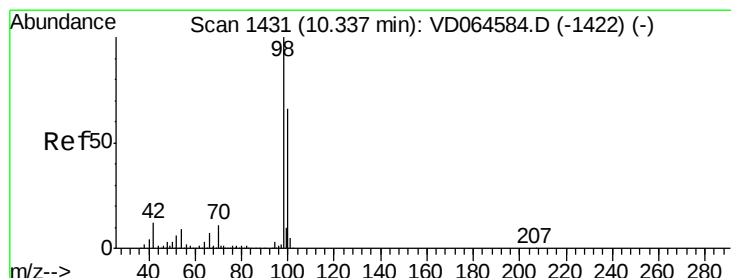
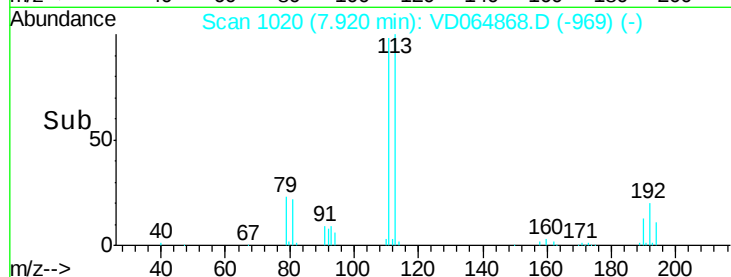
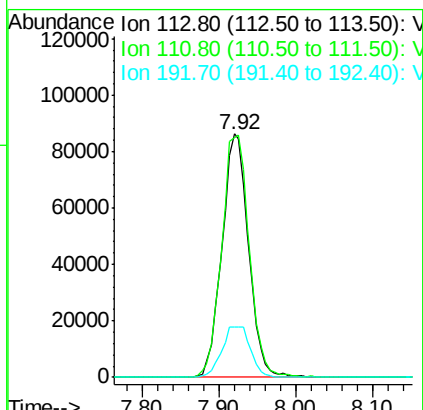
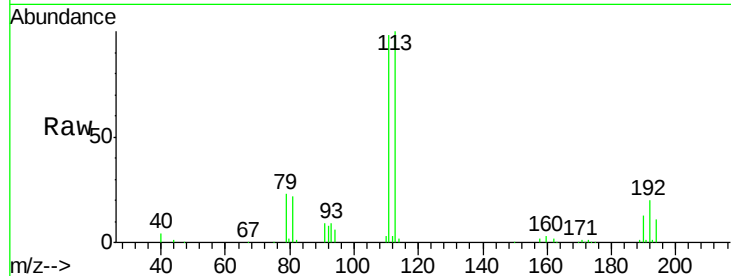




#35
 Dibromofluoromethane
 Concen: 52.213 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064868.D
 Acq: 17 Jan 2020 17:38

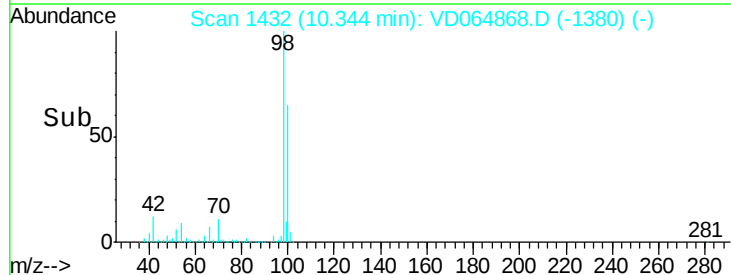
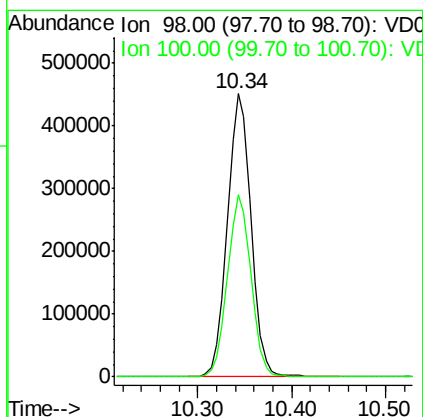
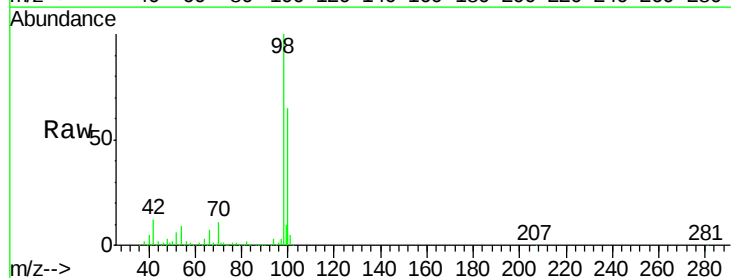
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-6

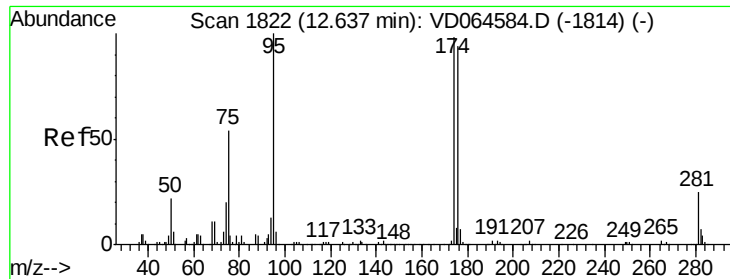
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.6	121.0
192	22.5	17.9	26.9



#50
 Toluene-d8
 Concen: 52.045 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064868.D
 Acq: 17 Jan 2020 17:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

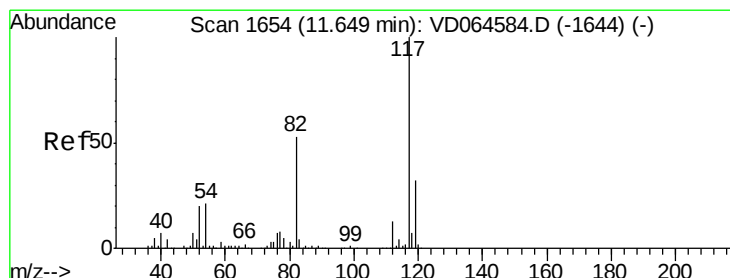
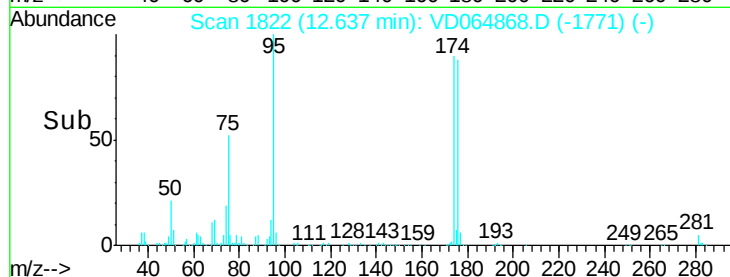
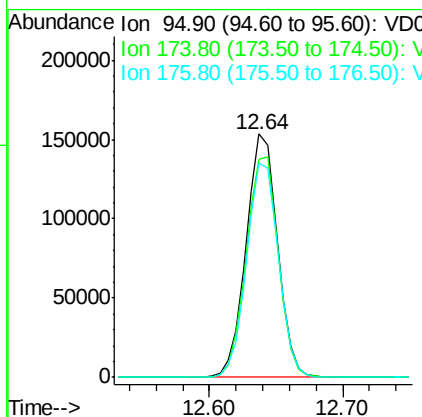
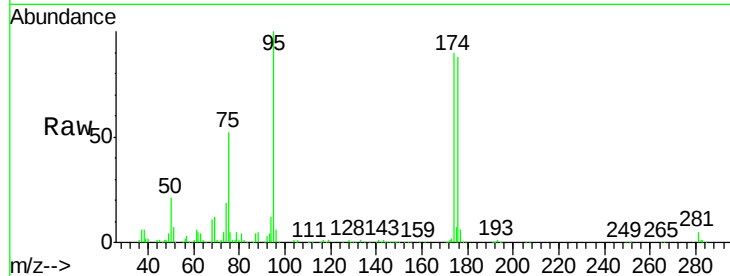




#62
4-Bromofluorobenzene
Concen: 51.745 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064868.D
Acq: 17 Jan 2020 17:38

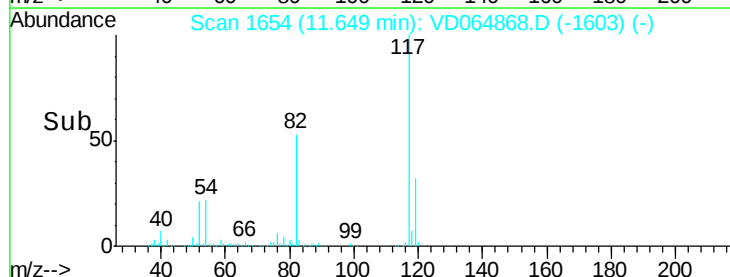
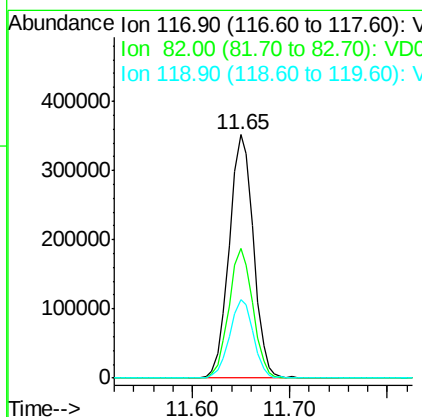
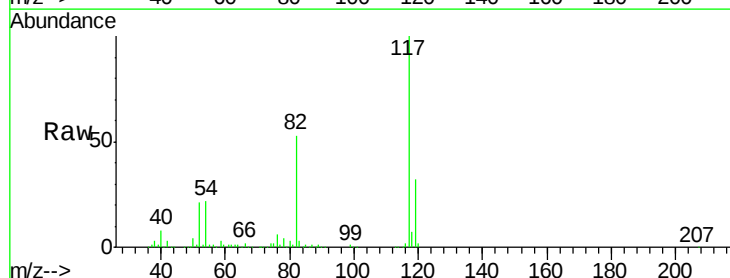
Instrument :
MSVOA_D
ClientSampleId :
EP-6

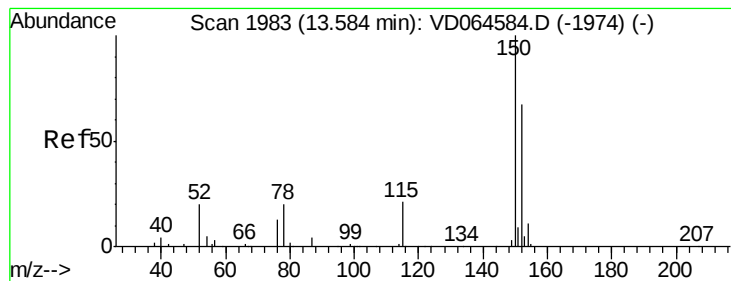
Tot Ion: 95 Resp: 248109
Ion Ratio Lower Upper
95 100
174 93.0 0.0 193.2
176 89.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064868.D
Acq: 17 Jan 2020 17:38

Tgt Ion: 117 Resp: 606359
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.5 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: VD064868.D

Acq: 17 Jan 2020 17:38

Instrument :

MSVOA_D

ClientSampleId :

EP-6

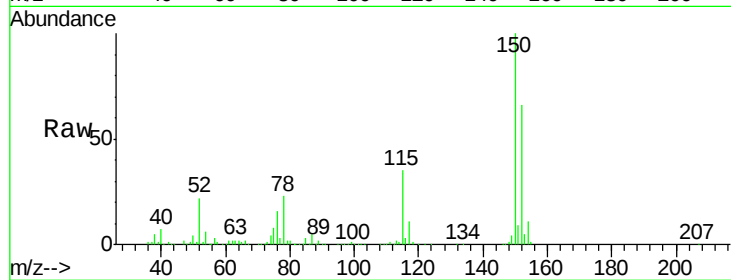
Tot Ion:152 Resp: 280435

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

150 156.6 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

