

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064866.D
 Acq On : 17 Jan 2020 16:41
 Operator : VA/SY
 Sample : L1176-06
 Misc : 4.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-4

Quant Time: Jan 20 08:36:06 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

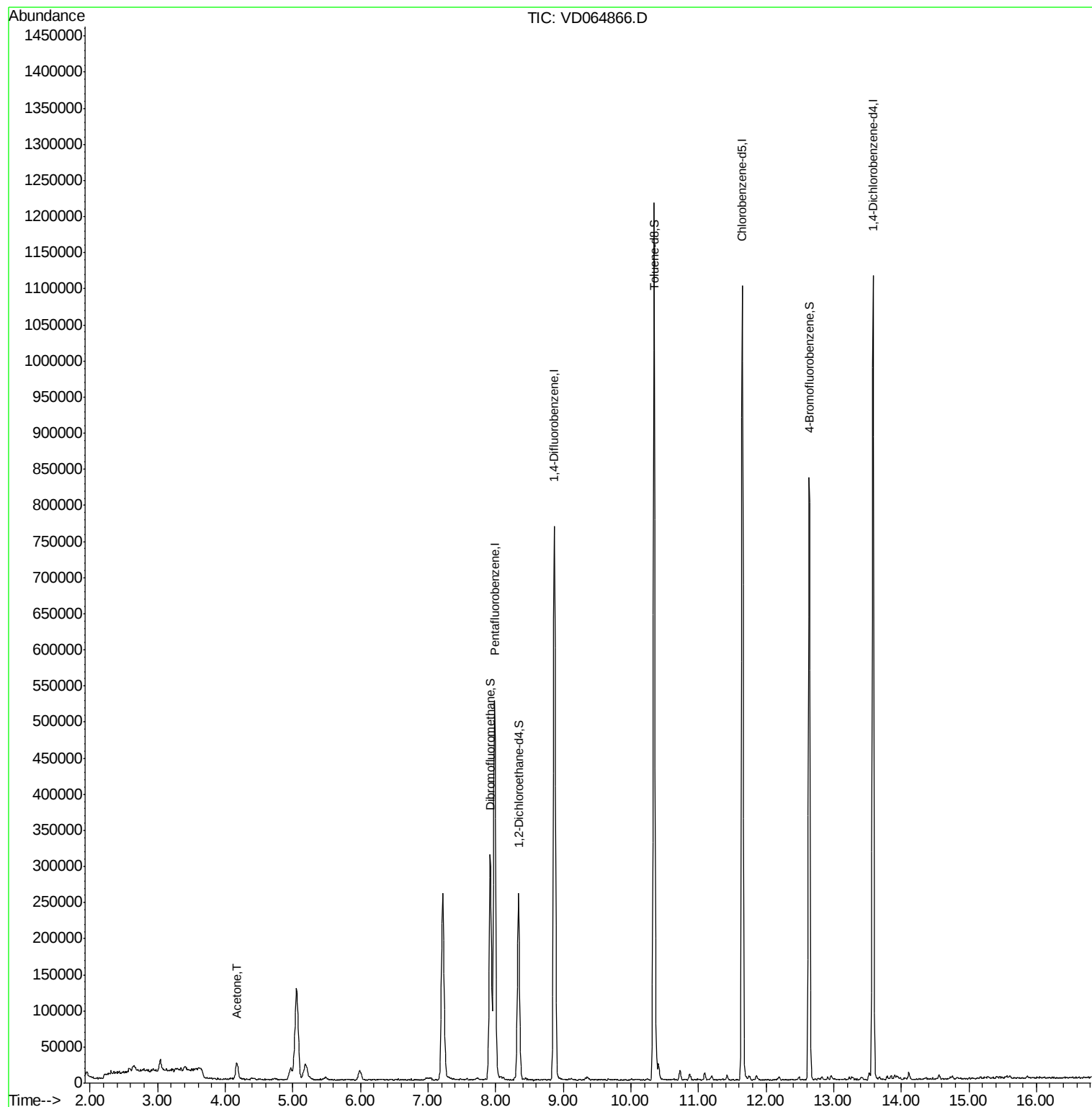
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	404599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	663469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	613484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	210449	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
35) Dibromofluoromethane	7.92	113	212069	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	803582	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	248646	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	4.17	43	41549	53.795	ug/l #	Qvalue 85

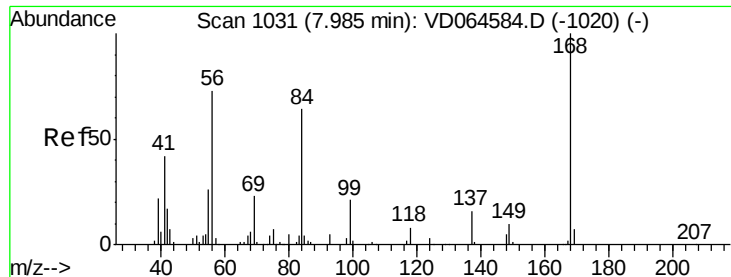
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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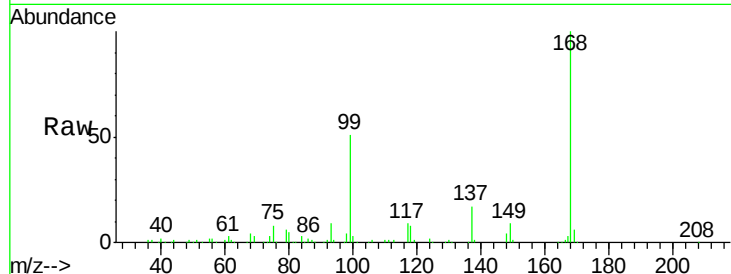




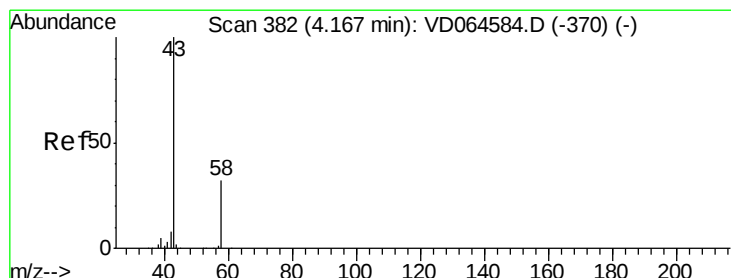
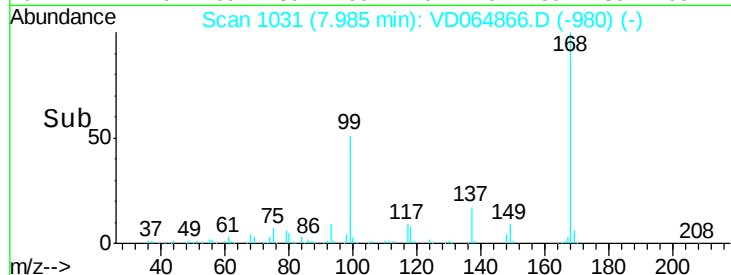
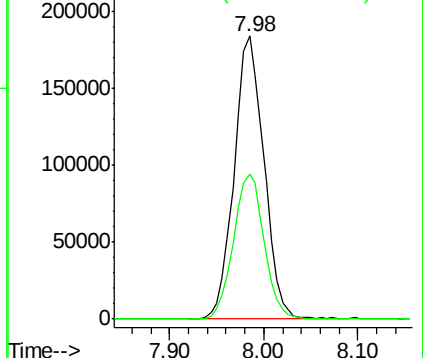
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064866.D
Acq: 17 Jan 2020 16:41

Instrument :
MSVOA_D
ClientSampleId :
EP-4

Tot Ion:168 Resp: 404599
Ion Ratio Lower Upper
168 100
99 51.2 41.8 62.6

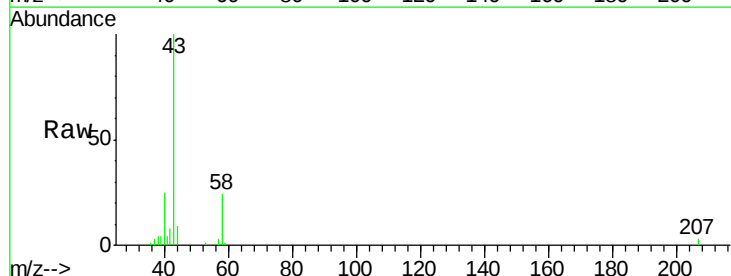


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

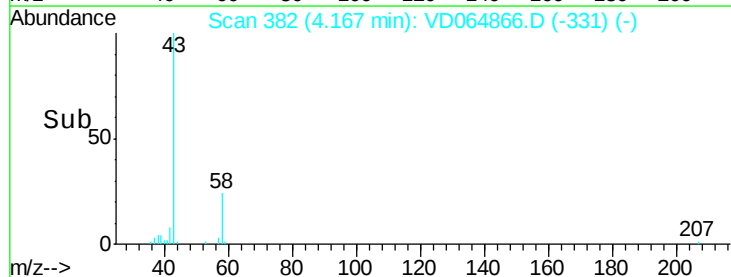
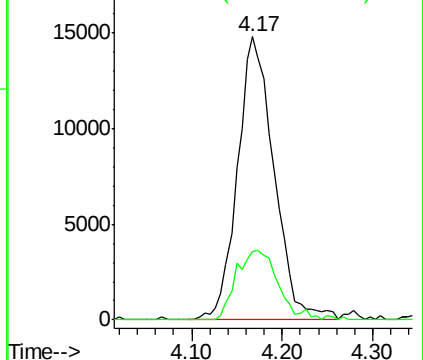


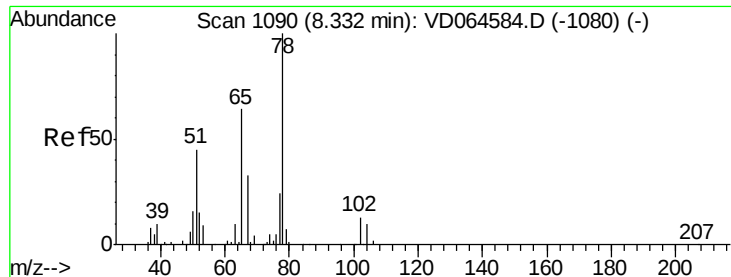
#16
Acetone
Concen: 53.795 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064866.D
Acq: 17 Jan 2020 16:41

Tgt Ion: 43 Resp: 41549
Ion Ratio Lower Upper
43 100
58 24.1 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: 58.987 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064866.D

Acq: 17 Jan 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

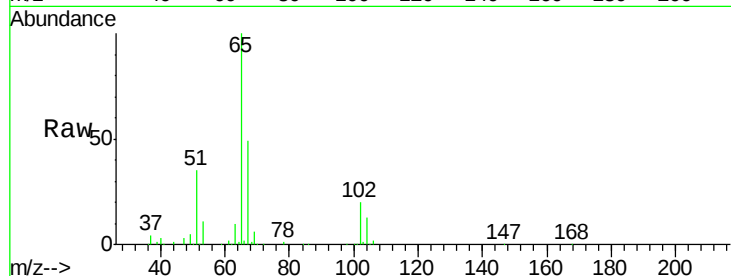
EP-4

Tot Ion: 65 Resp: 210449

Ion Ratio Lower Upper

65 100

67 49.5 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

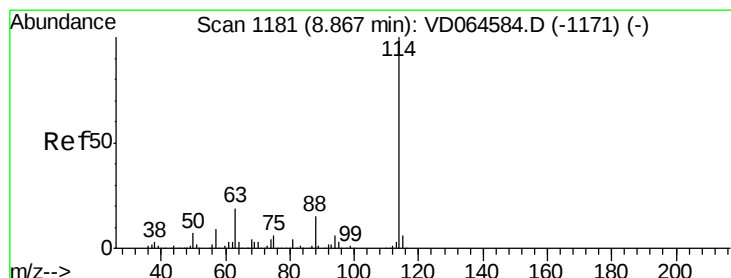
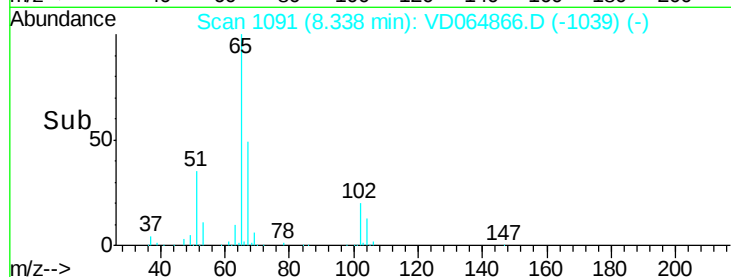
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064866.D

Acq: 17 Jan 2020 16:41

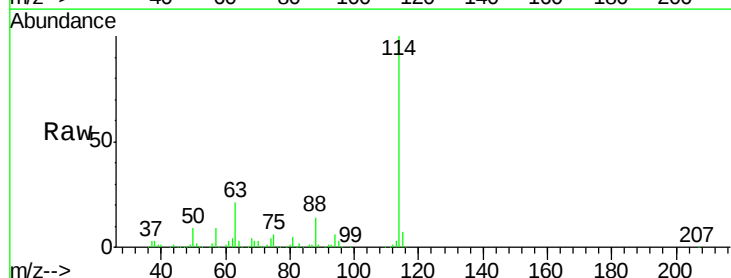
Tgt Ion: 114 Resp: 663469

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 14.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

300000

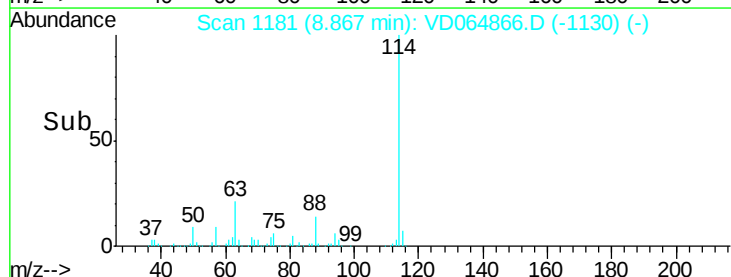
200000

100000

0

8.80 8.90 9.00

Time-->

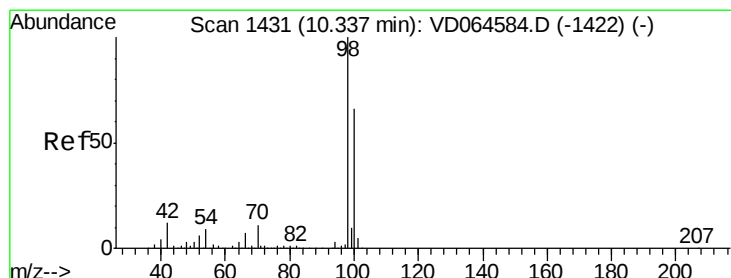
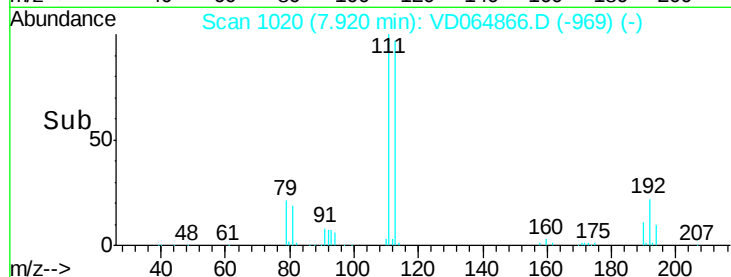
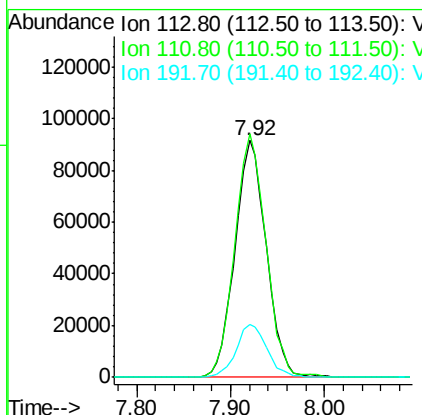
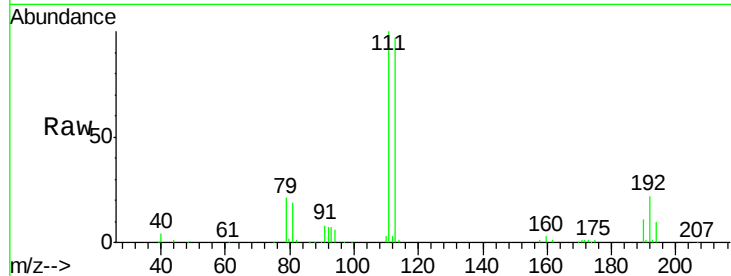




#35
 Dibromofluoromethane
 Concen: 52.099 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064866.D
 Acq: 17 Jan 2020 16:41

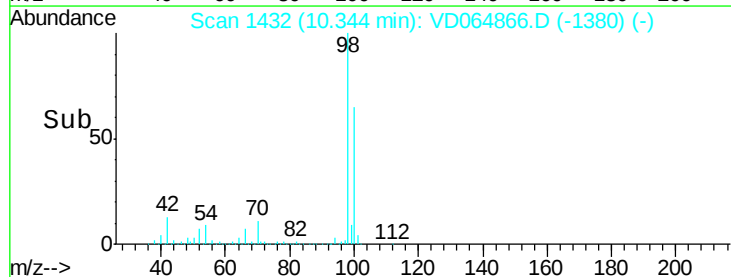
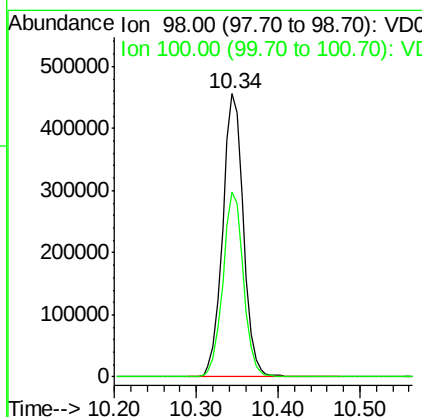
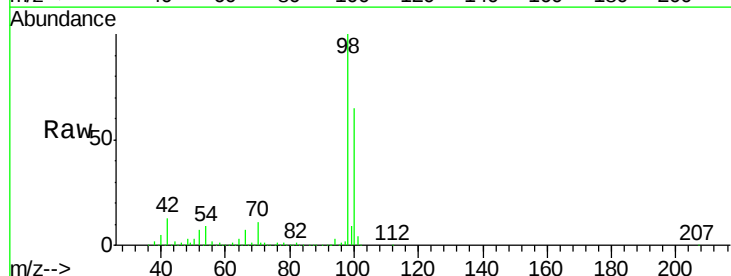
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-4

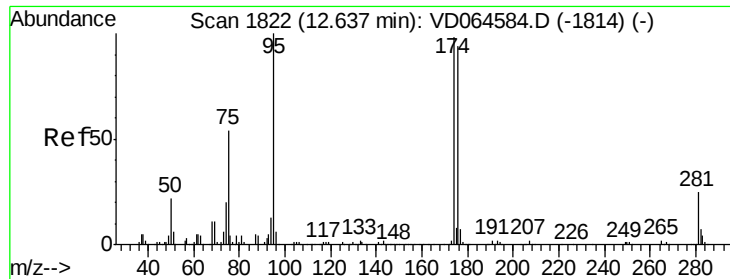
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.6	121.0
192	21.8	17.9	26.9



#50
 Toluene-d8
 Concen: 51.546 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064866.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5

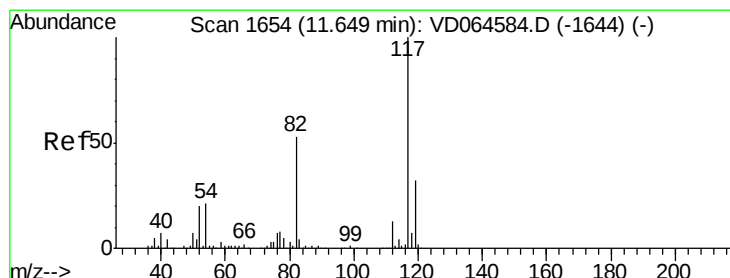
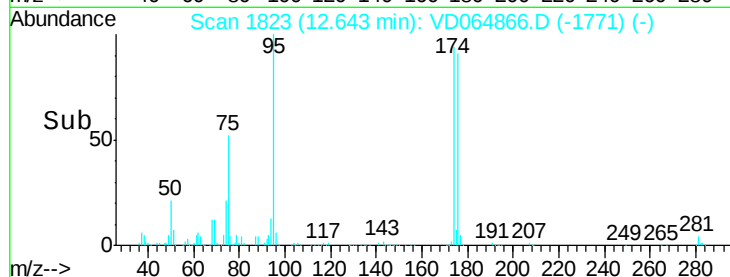
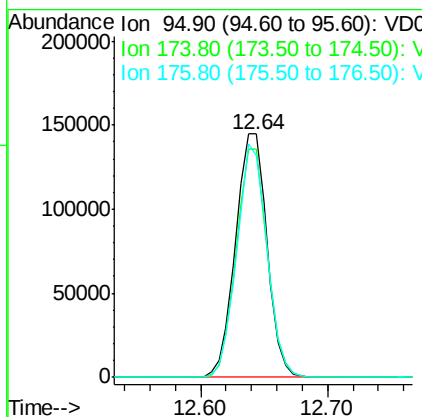
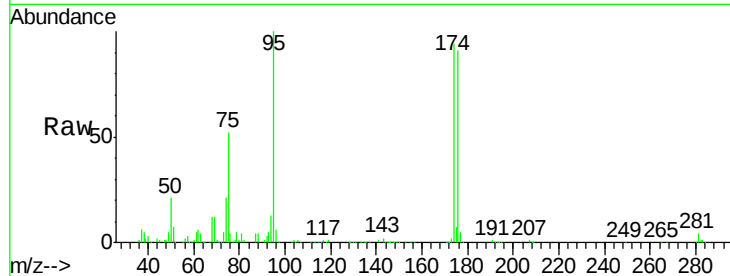




#62
4-Bromofluorobenzene
Concen: 50.440 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064866.D
Acq: 17 Jan 2020 16:41

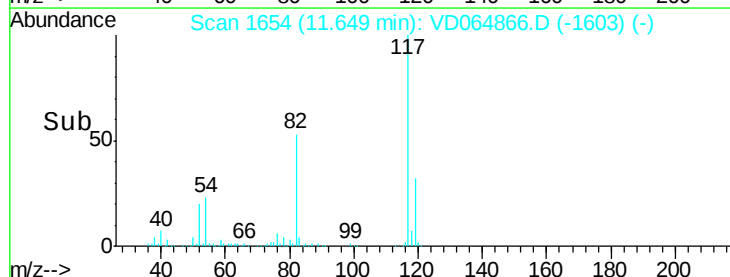
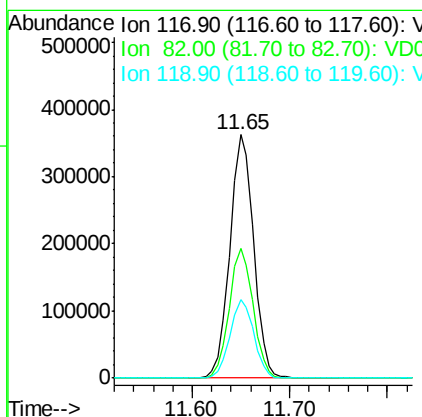
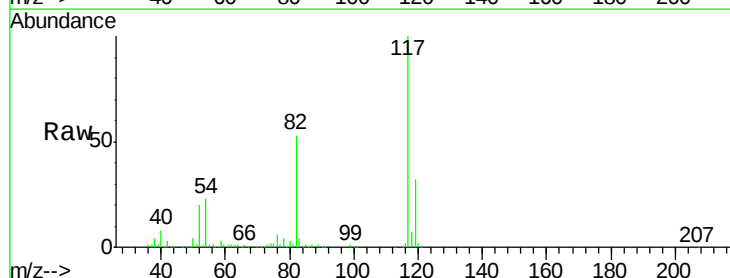
Instrument :
MSVOA_D
ClientSampleId :
EP-4

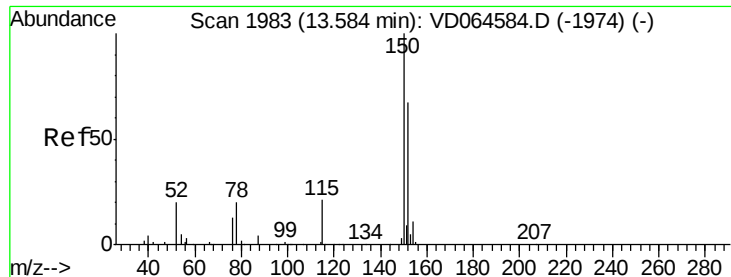
Tot Ion: 95 Resp: 248646
Ion Ratio Lower Upper
95 100
174 92.6 0.0 193.2
176 91.8 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064866.D
Acq: 17 Jan 2020 16:41

Tgt Ion: 117 Resp: 613484
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.1 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: VD064866.D

Acq: 17 Jan 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

EP-4

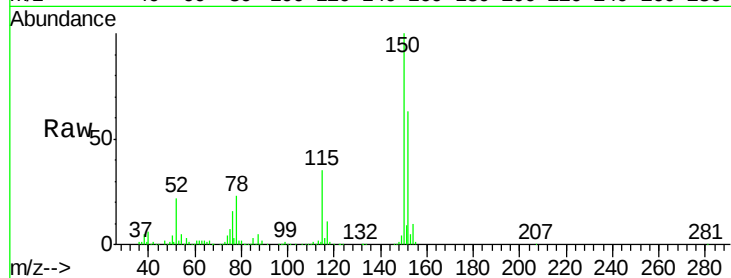
Tot Ion:152 Resp: 288686

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

150 155.6 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

