

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064873.D
 Acq On : 17 Jan 2020 20:02
 Operator : VA/SY
 Sample : L1176-13
 Misc : 5.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-11

Quant Time: Jan 17 23:57:37 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

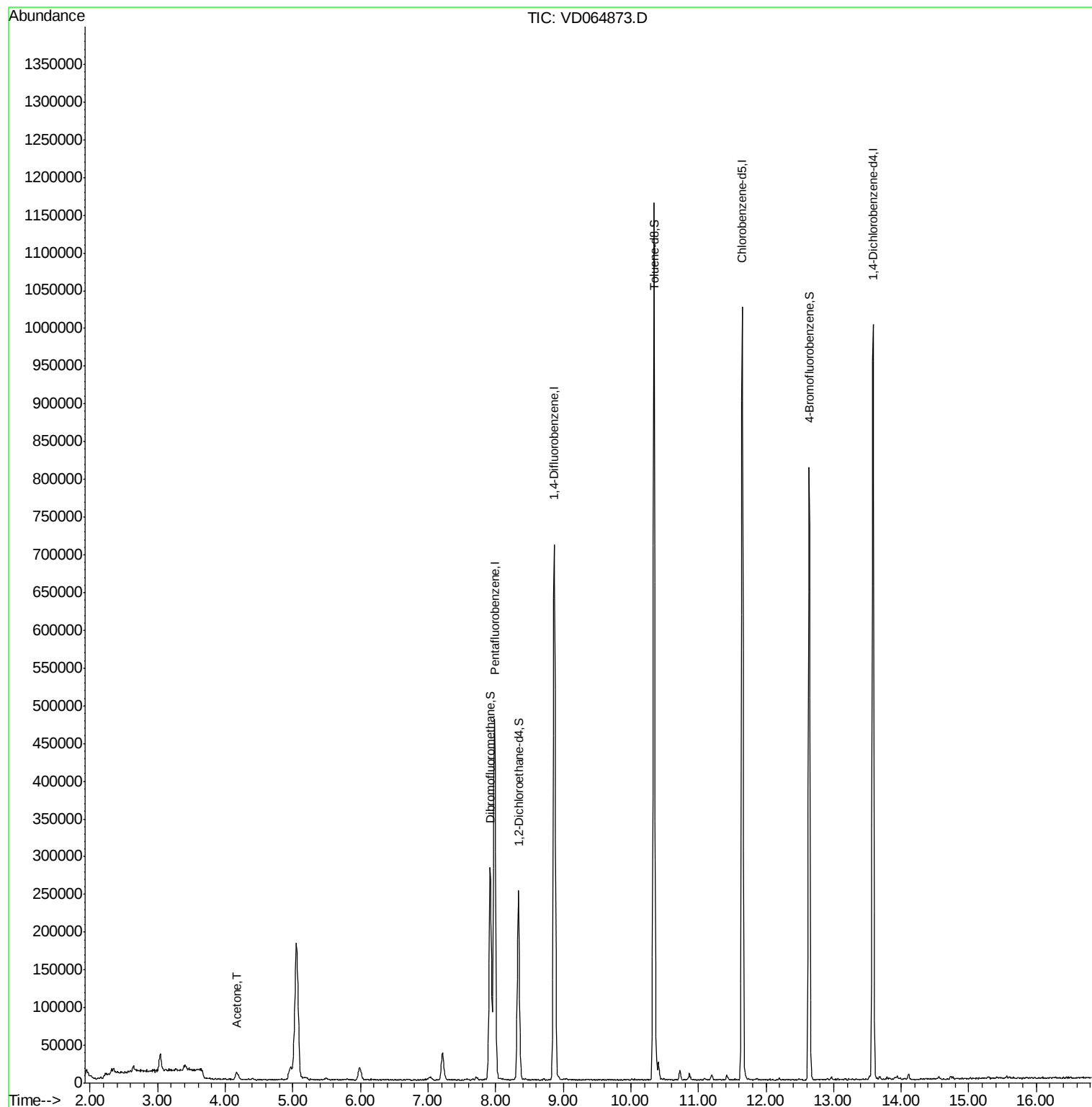
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	614843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	580015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	192135	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	7.92	113	198493	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.34	98	758480	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.64	95	236222	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
Target Compounds						
16) Acetone	4.17	43	18098	27.369	ug/l #	Qvalue 81

(#) = 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# 1030

Delta R.T. -0.01 min

Lab File: VD064873.D

Acq: 17 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampled :

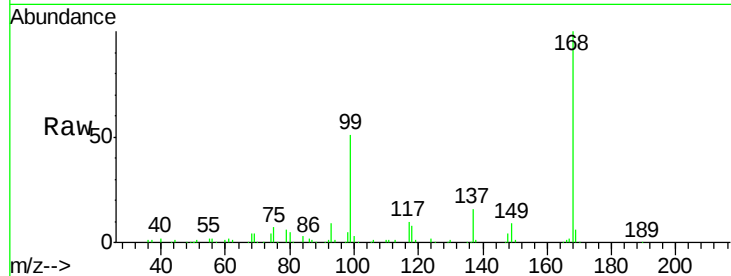
EP-11

Tot Ion:168 Resp: 372790

Ion Ratio Lower Upper

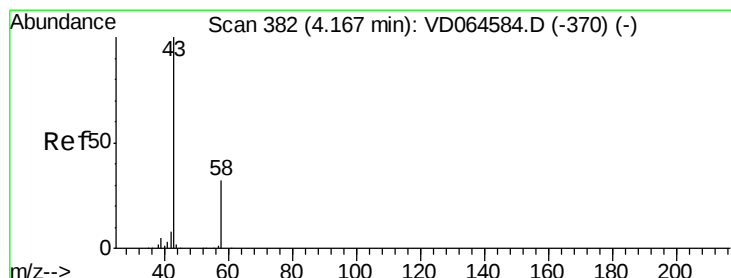
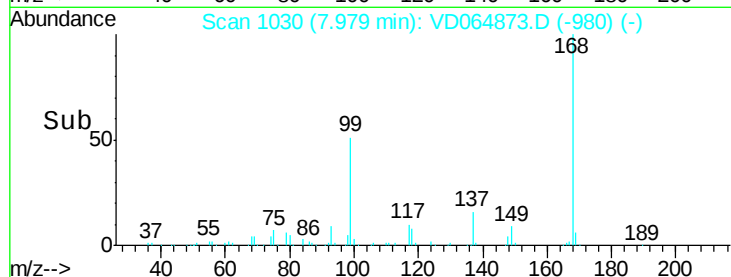
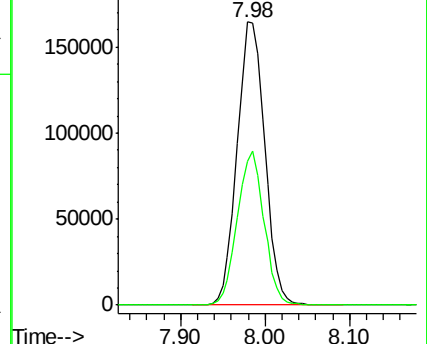
168 100

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



#16

Acetone

Concen: 27.369 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064873.D

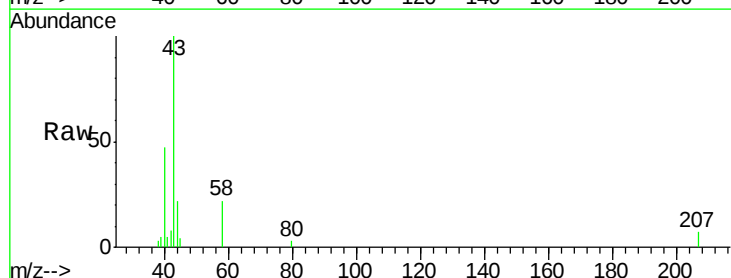
Acq: 17 Jan 2020 20:02

Tgt Ion: 43 Resp: 18098

Ion Ratio Lower Upper

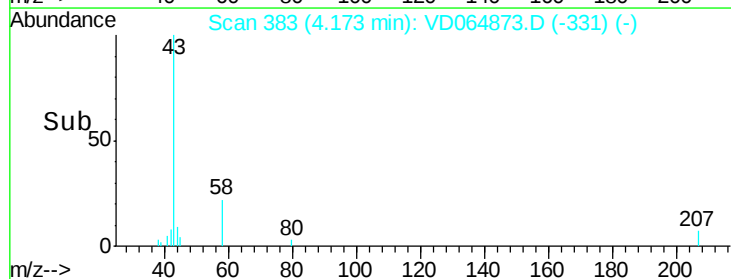
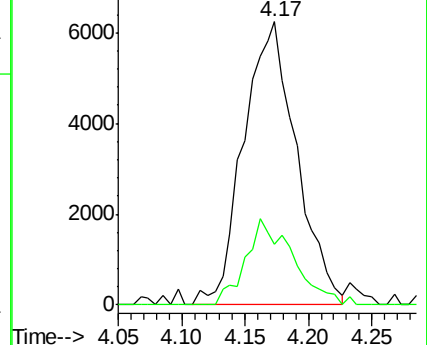
43 100

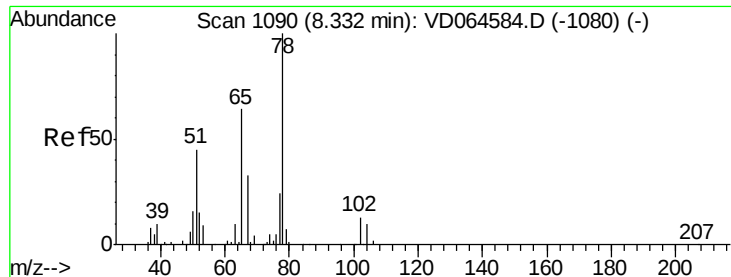
58 21.6 25.8 38.6#



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: 58.449 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064873.D

Acq: 17 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

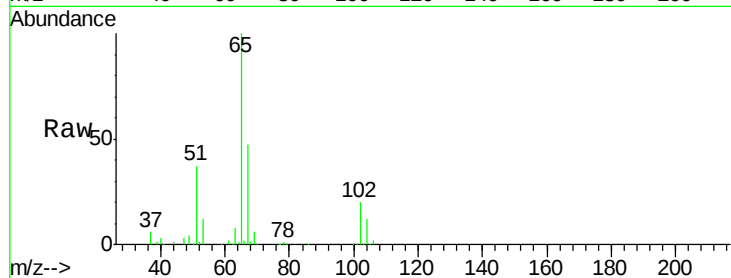
EP-11

Tot Ion: 65 Resp: 192135

Ion Ratio Lower Upper

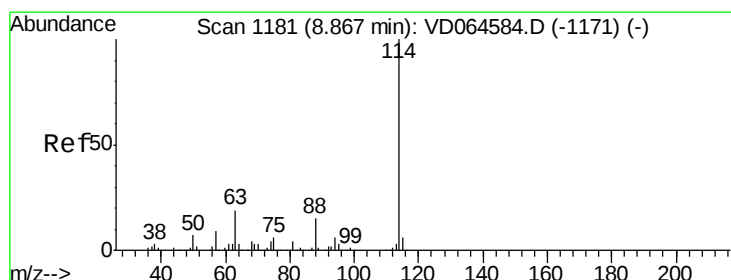
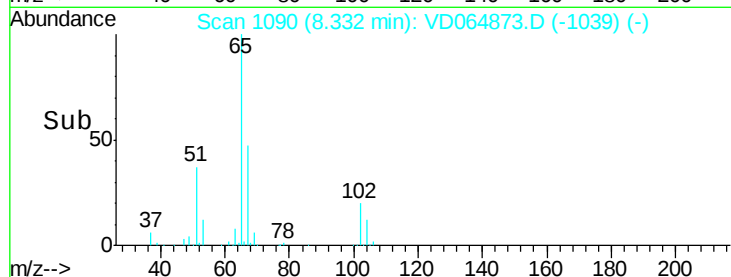
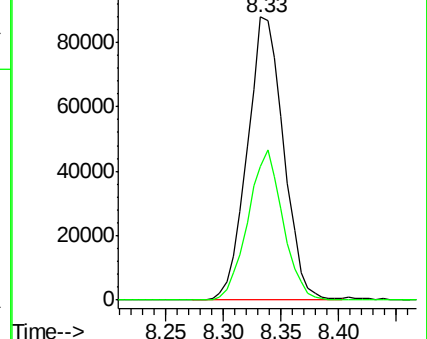
65 100

67 51.3 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: VD064873.D

Acq: 17 Jan 2020 20:02

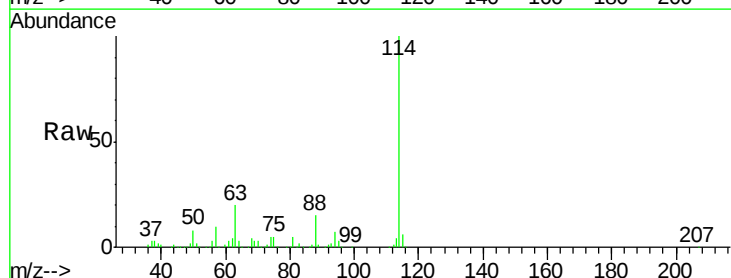
Tgt Ion: 114 Resp: 614843

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

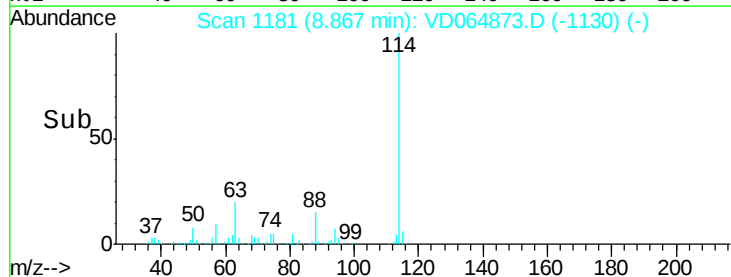
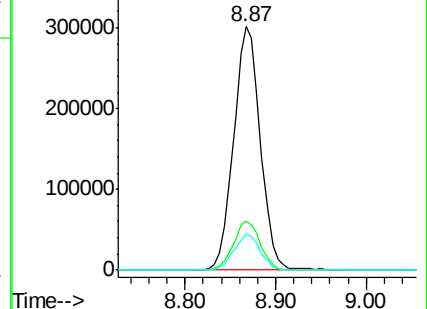
88 14.9 0.0 29.2



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

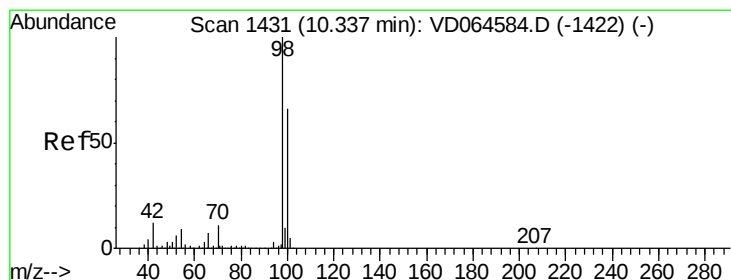
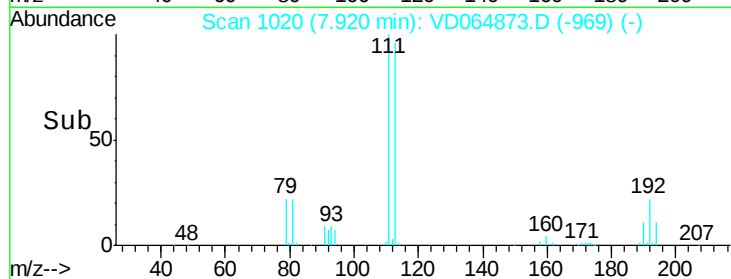
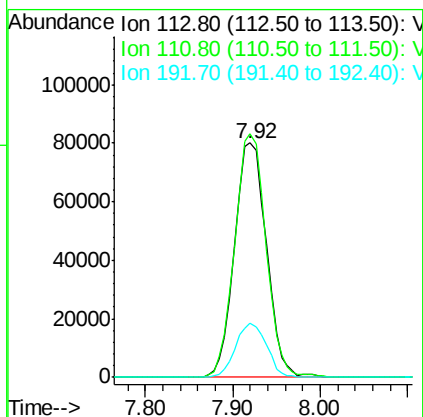
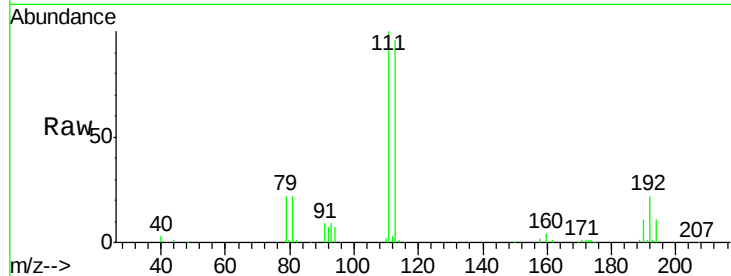




#35
 Dibromofluoromethane
 Concen: 52.620 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064873.D
 Acq: 17 Jan 2020 20:02

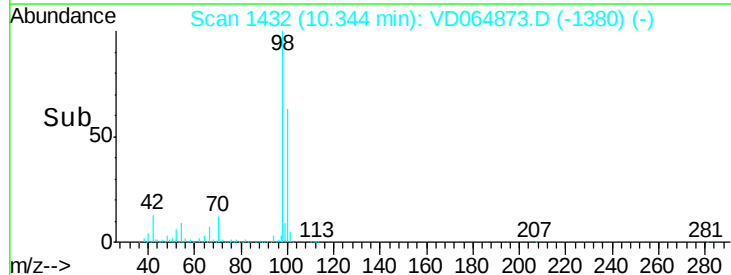
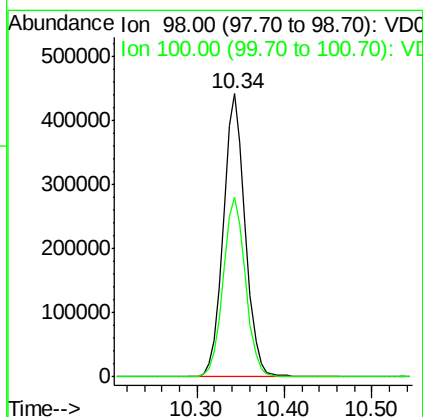
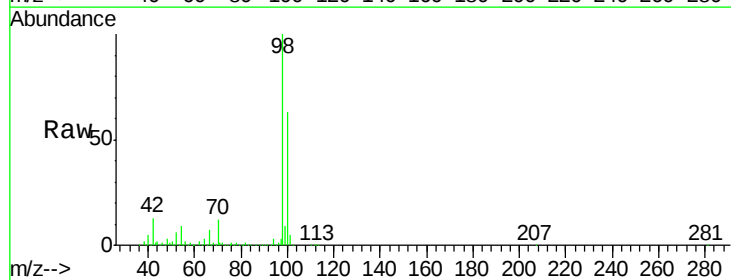
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-11

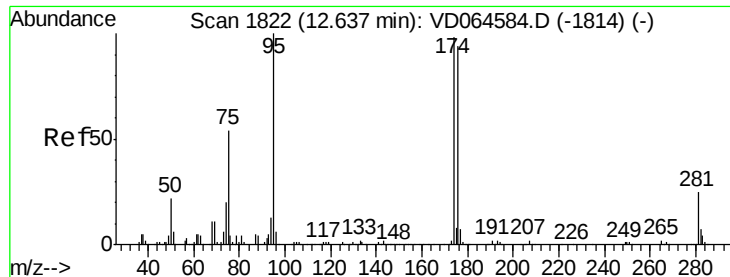
Tot Ion:113 Resp: 198493
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.6 121.0
 192 22.1 17.9 26.9



#50
 Toluene-d8
 Concen: 52.501 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064873.D
 Acq: 17 Jan 2020 20:02

Tgt Ion: 98 Resp: 758480
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

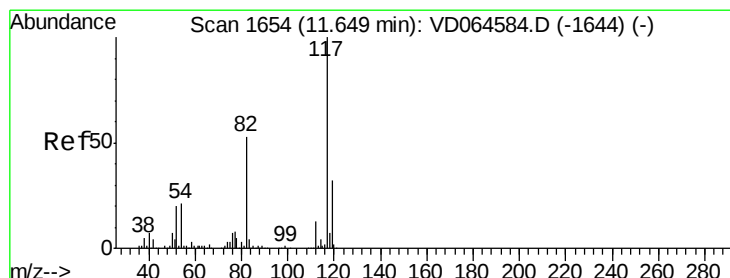
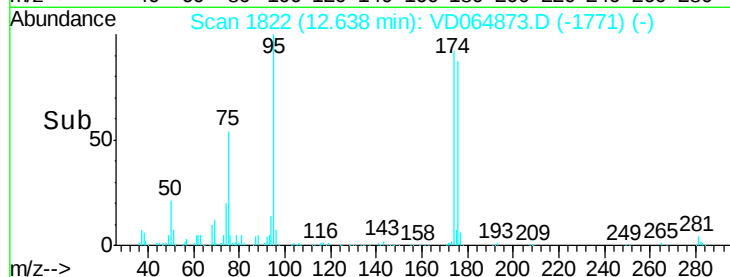
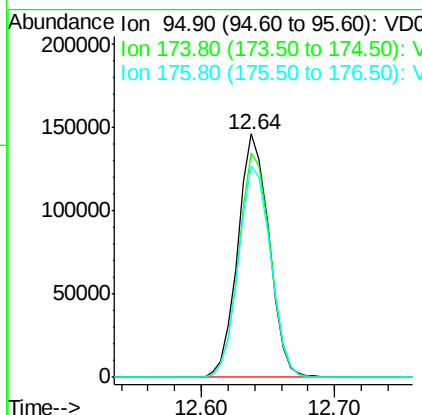
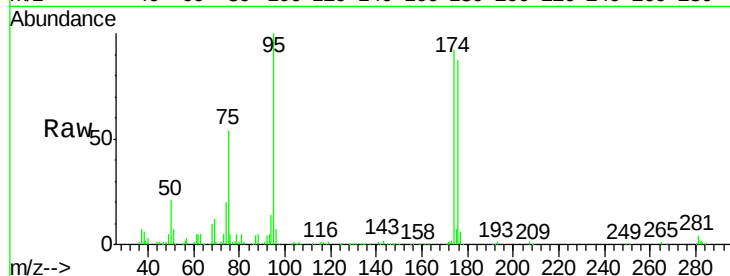




#62
4-Bromofluorobenzene
Concen: 51.709 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064873.D
Acq: 17 Jan 2020 20:02

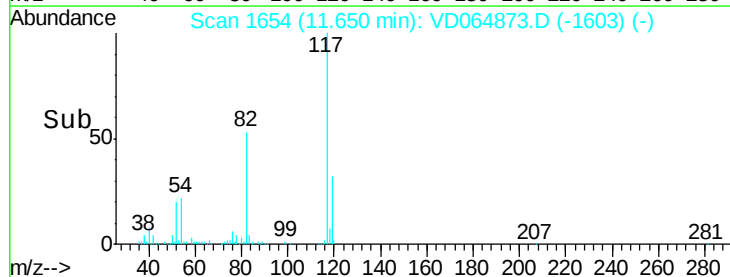
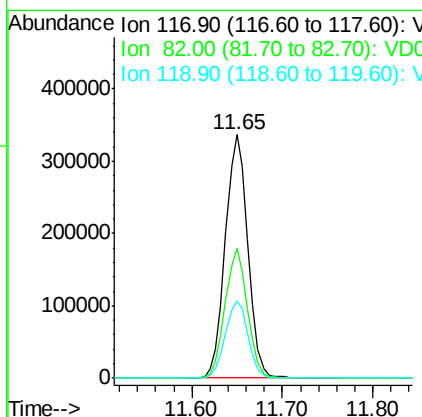
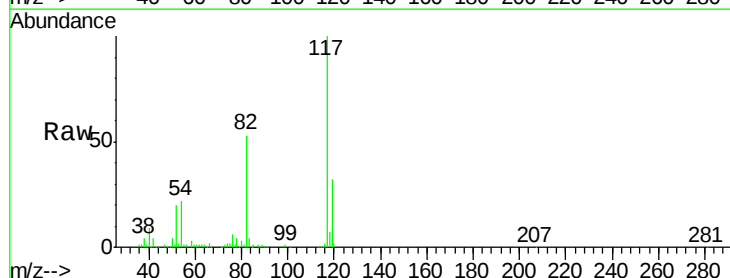
Instrument :
MSVOA_D
ClientSampleId :
EP-11

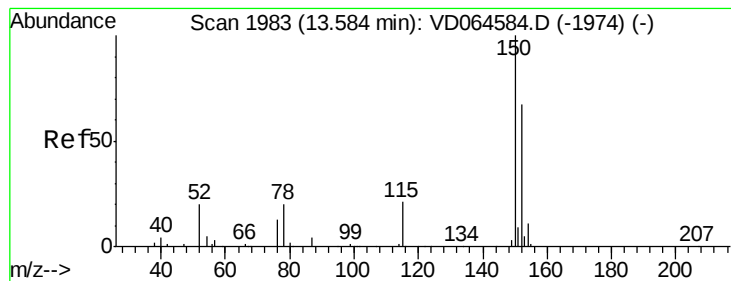
Tot Ion: 95 Resp: 236222
Ion Ratio Lower Upper
95 100
174 93.2 0.0 193.2
176 89.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064873.D
Acq: 17 Jan 2020 20:02

Tgt Ion: 117 Resp: 580015
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 31.8 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: VD064873.D

Acq: 17 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

EP-11

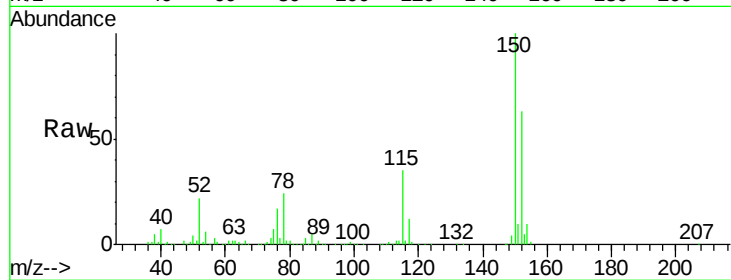
Tot Ion:152 Resp: 269326

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 156.2 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

