

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064763.D
 Acq On : 04 Jan 2020 06:24
 Operator : VA/SY
 Sample : K6484-46
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40104-40111

Quant Time: Jan 06 08:24:03 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

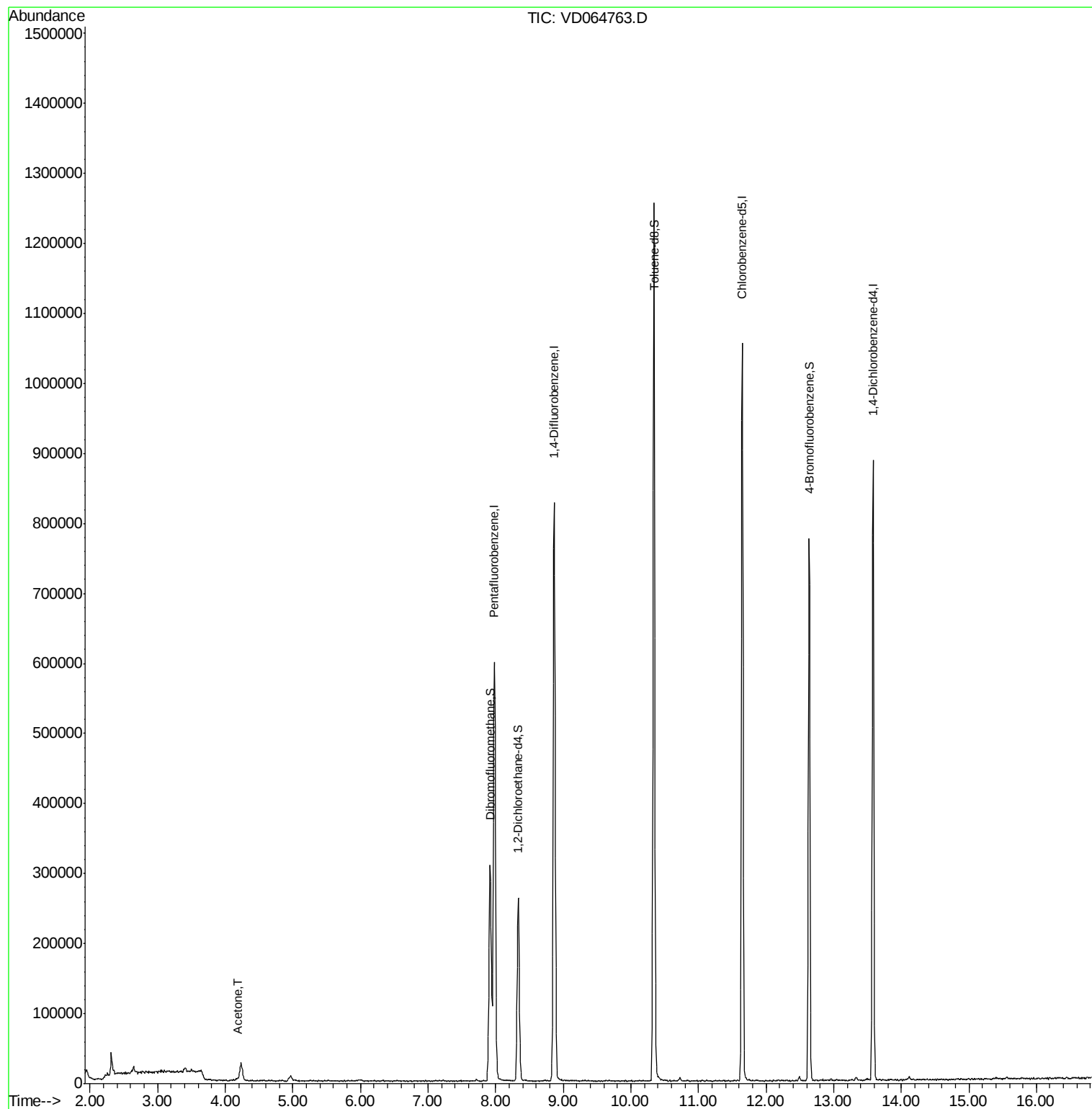
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	468758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	706167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	591630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	207233	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.92	113	219064	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.34	98	820352	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.64	95	231338	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
16) Acetone	4.18	43	4590	8.831	ug/l #	Qvalue 78

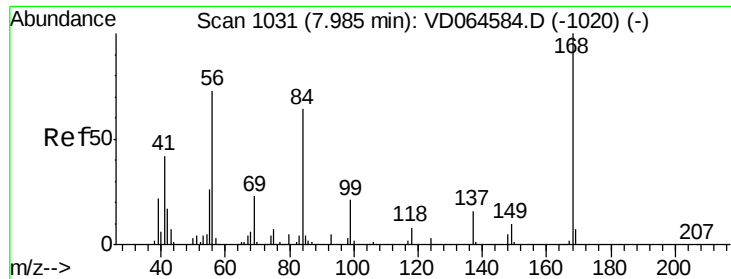
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

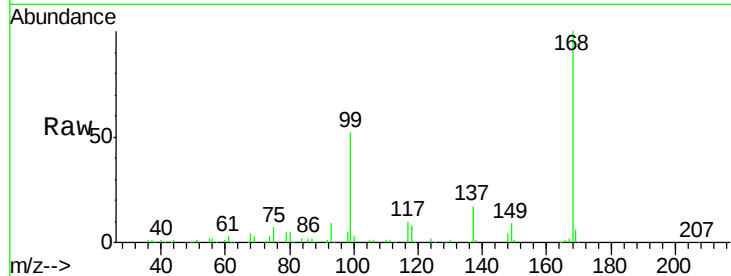
40104-40111

Tgt Ion:168 Resp: 468758

Ion Ratio Lower Upper

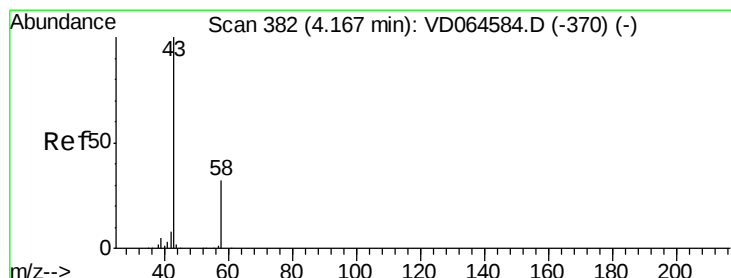
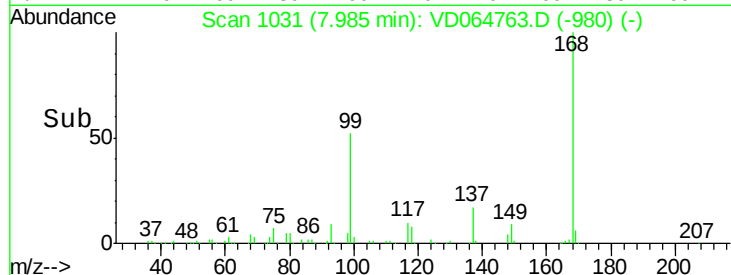
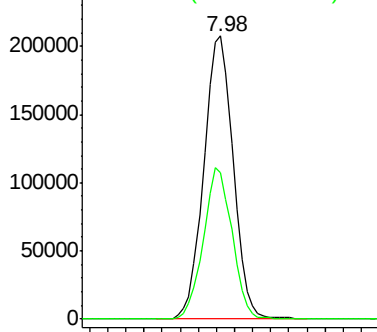
168 100

99 51.9 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: 8.831 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064763.D

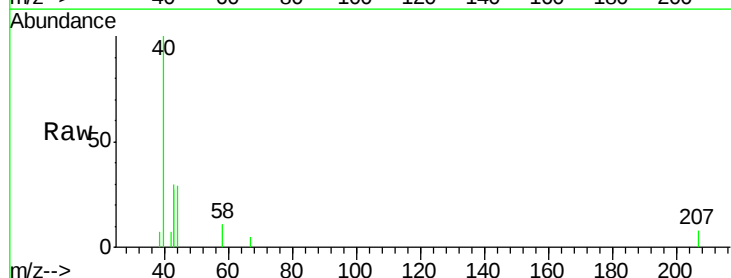
Acq: 04 Jan 2020 06:24

Tgt Ion: 43 Resp: 4590

Ion Ratio Lower Upper

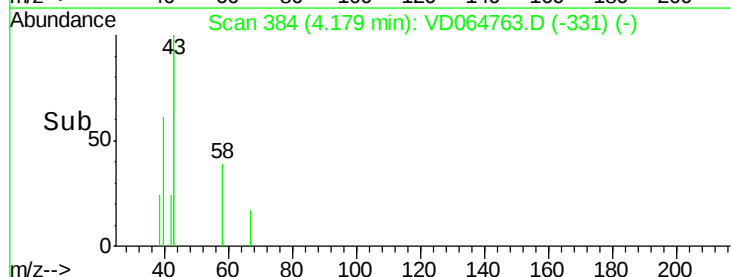
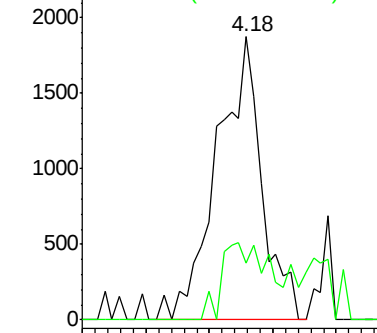
43 100

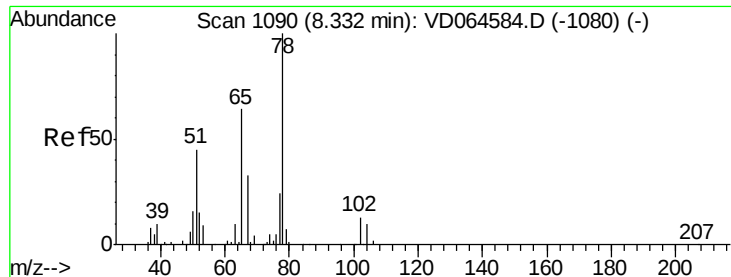
58 20.1 25.8 38.6#



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: 50.136 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064763.D

Acq: 04 Jan 2020 06:24

Instrument :

MSVOA_D

ClientSampleId :

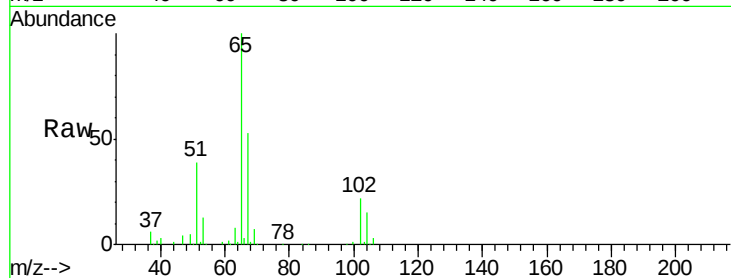
40104-40111

Tgt Ion: 65 Resp: 207233

Ion Ratio Lower Upper

65 100

67 51.8 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

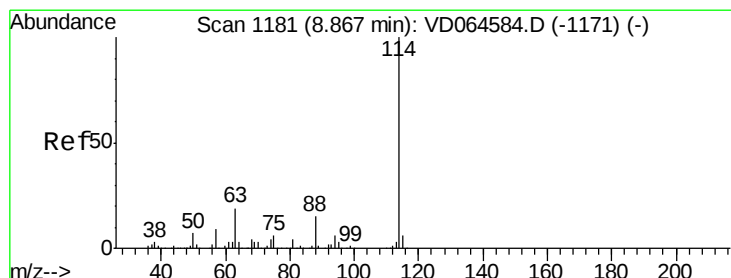
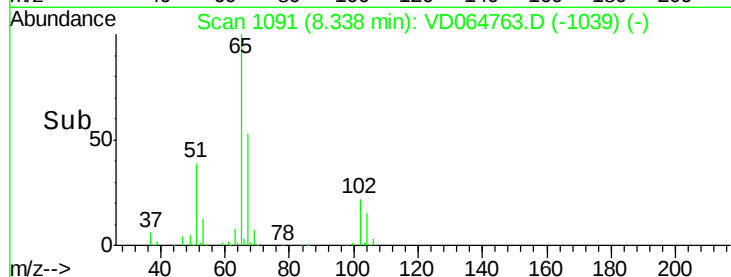
60000

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: VD064763.D

Acq: 04 Jan 2020 06:24

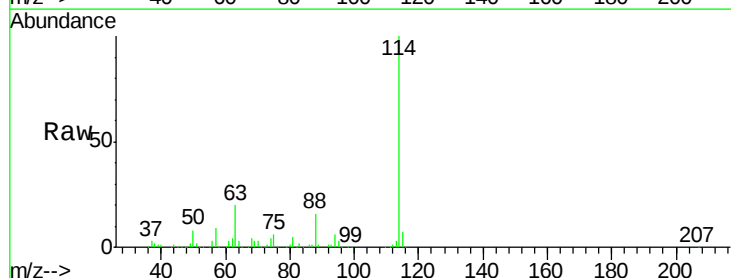
Tgt Ion: 114 Resp: 706167

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.8 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

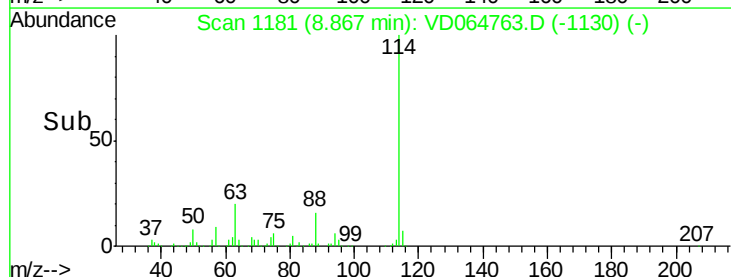
300000

200000

100000

0

Time-->

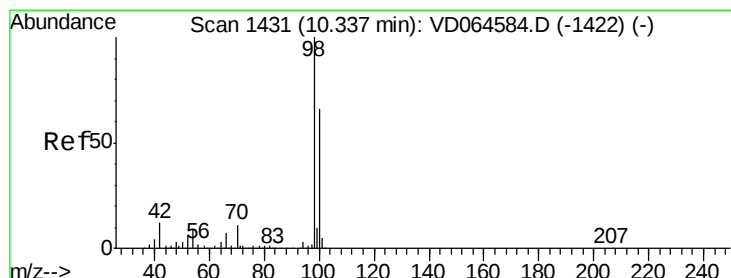
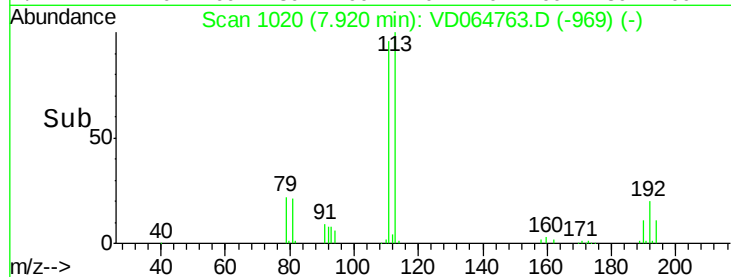
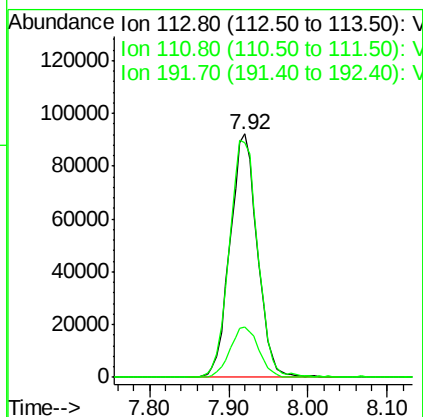
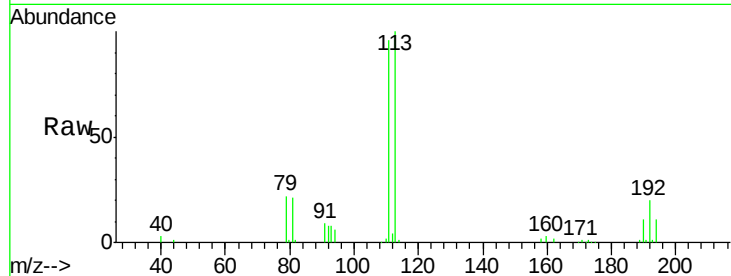




#35
 Dibromofluoromethane
 Concen: 50.563 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064763.D
 Acq: 04 Jan 2020 06:24

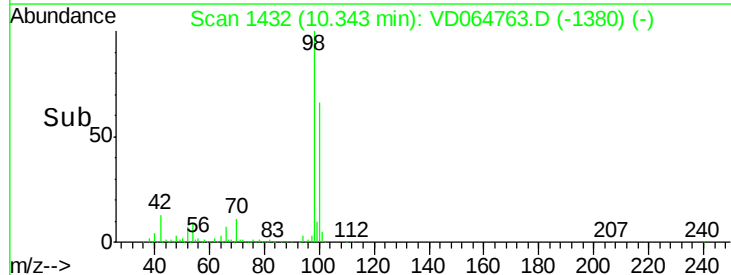
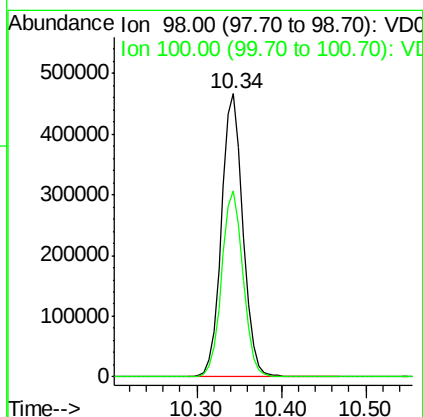
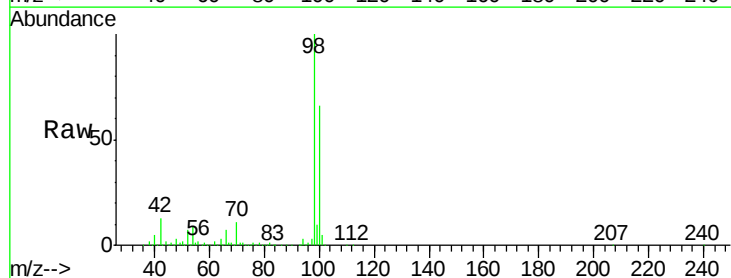
Instrument :
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 40104-40111

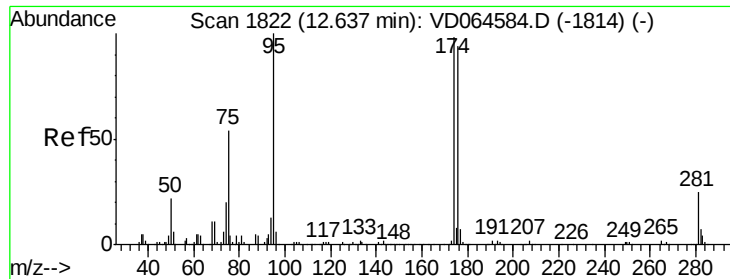
Tgt Ion: 113 Resp: 219064
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.6 121.0
 192 21.6 17.9 26.9



#50
 Toluene-d8
 Concen: 49.440 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064763.D
 Acq: 04 Jan 2020 06:24

Tgt Ion: 98 Resp: 820352
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.7 77.5

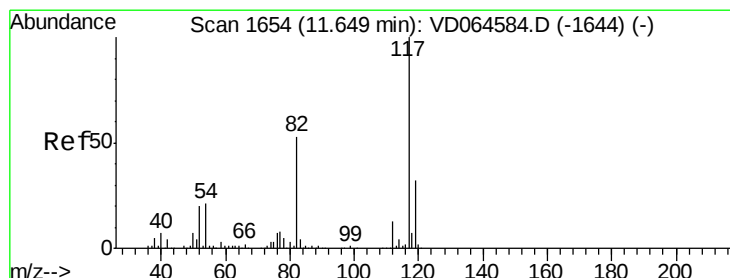
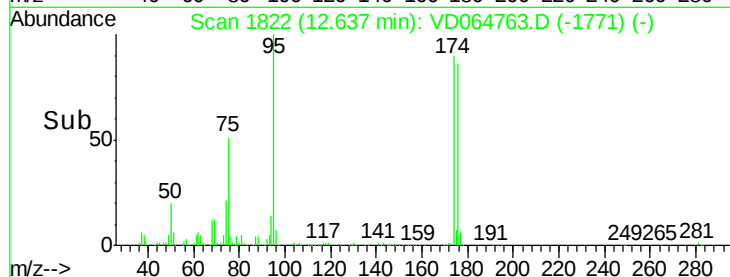
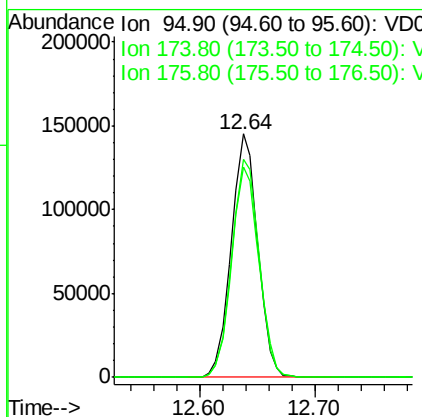
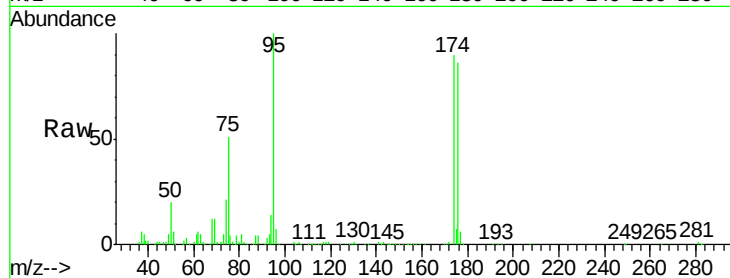




#62
4-Bromofluorobenzene
Concen: 44.091 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064763.D
Acq: 04 Jan 2020 06:24

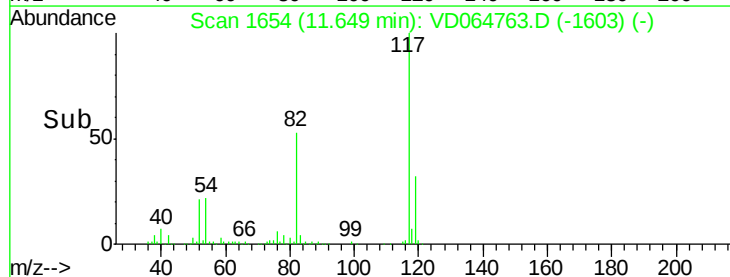
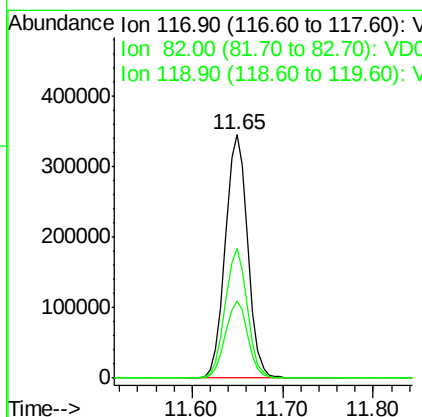
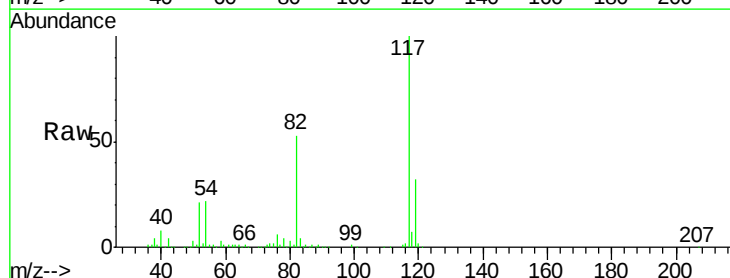
Instrument :
MSVOA_D
ClientSampleId :
40104-40111

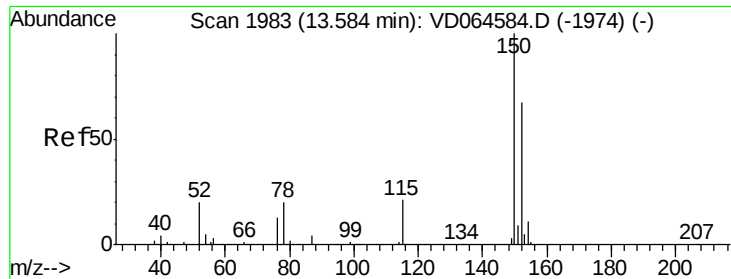
Tgt Ion: 95 Resp: 231338
Ion Ratio Lower Upper
95 100
174 92.5 0.0 193.2
176 88.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064763.D
Acq: 04 Jan 2020 06:24

Tgt Ion: 117 Resp: 591630
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 31.5 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: VD064763.D

Acq: 04 Jan 2020 06:24

Instrument :

MSVOA_D

ClientSampleId :

40104-40111

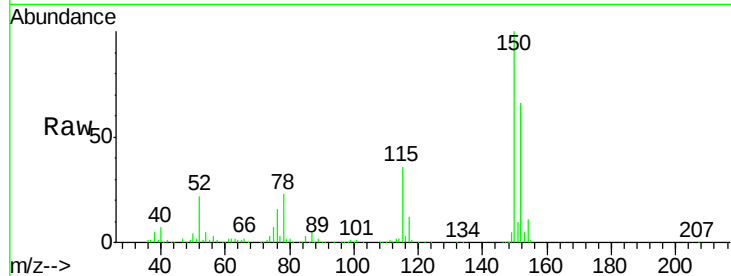
Tgt Ion:152 Resp: 237780

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 154.1 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

