

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064601.D
 Acq On : 26 Dec 2019 16:06
 Operator : VA/SY
 Sample : K6436-05
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K009-SB-5

Quant Time: Dec 27 03:47:48 2019
 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

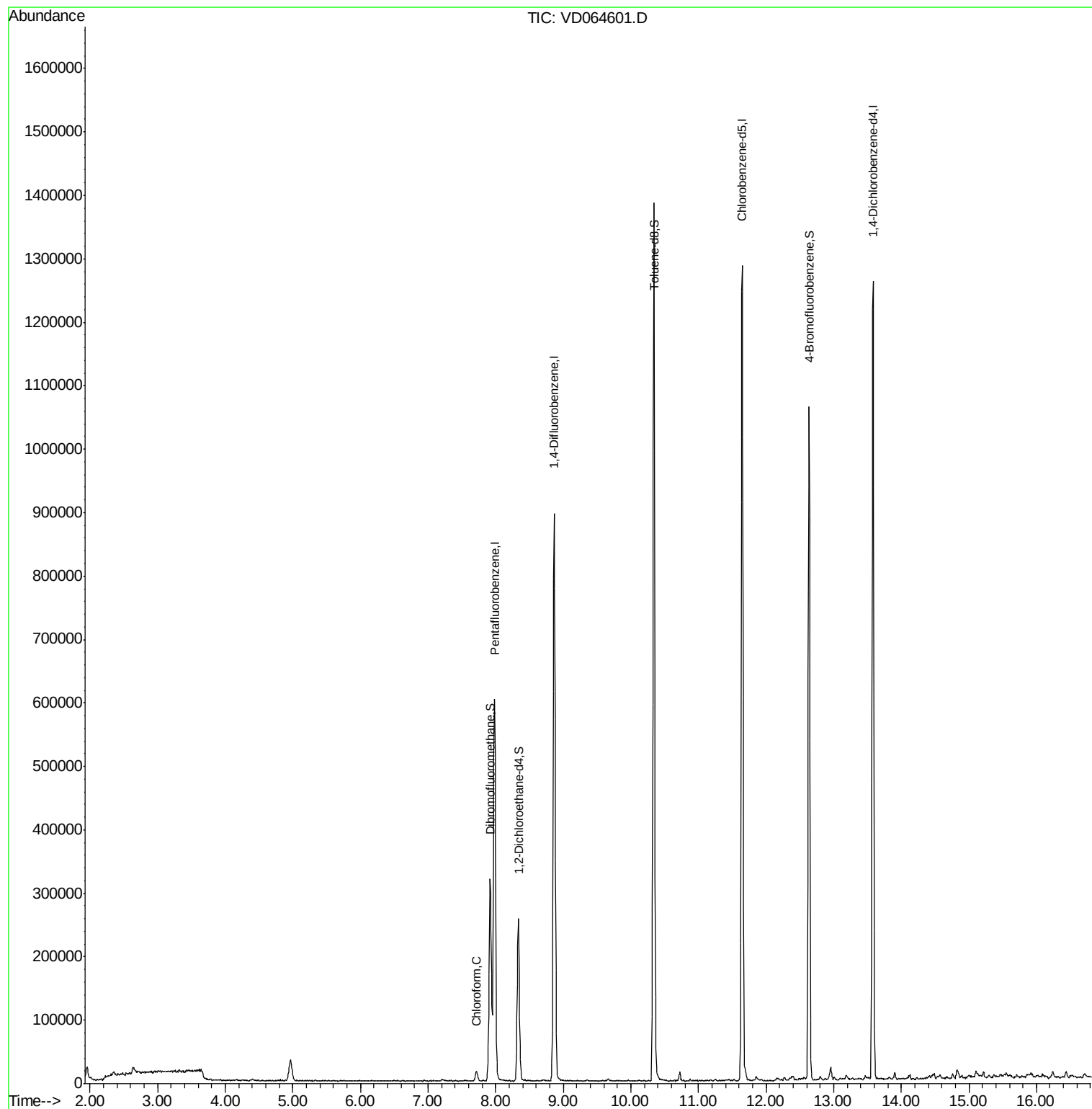
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	744275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	341177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	203362	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.92	113	217878	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.34	98	924841	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	318944	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
Target Compounds						
30) Chloroform	7.71	83	14091	1.705	ug/l	Qvalue 98

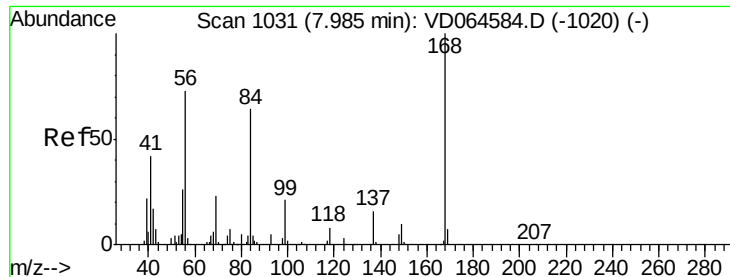
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

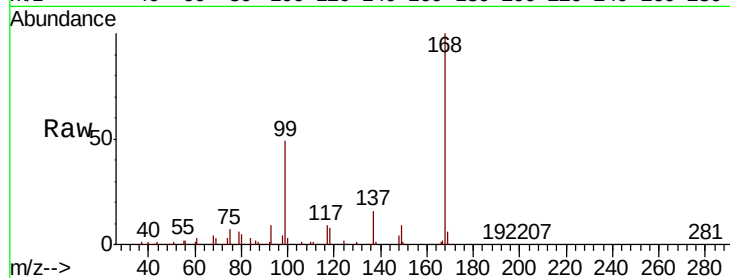
K009-SB-5

Tot Ion:168 Resp: 479617

Ion Ratio Lower Upper

168 100

99 49.4 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

250000

200000

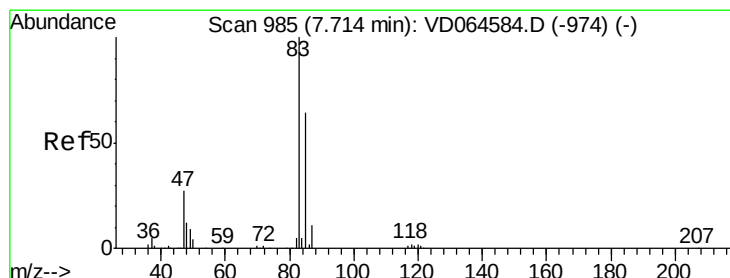
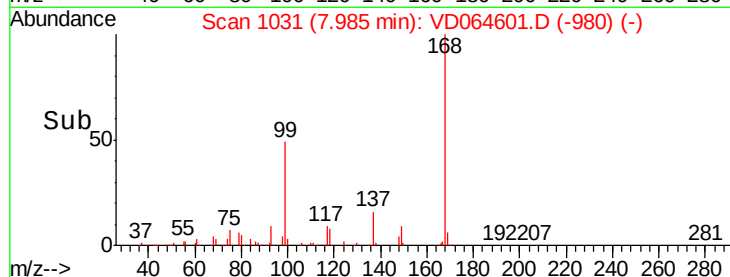
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.705 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064601.D

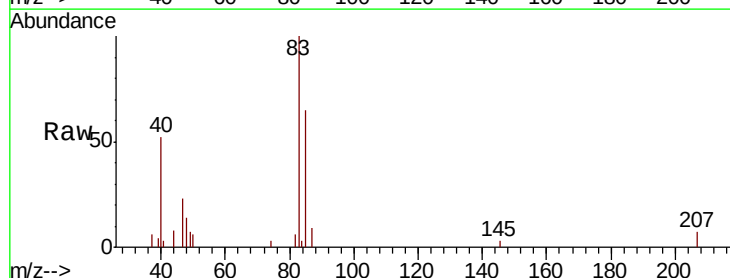
Acq: 26 Dec 2019 16:06

Tgt Ion: 83 Resp: 14091

Ion Ratio Lower Upper

83 100

85 65.2 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

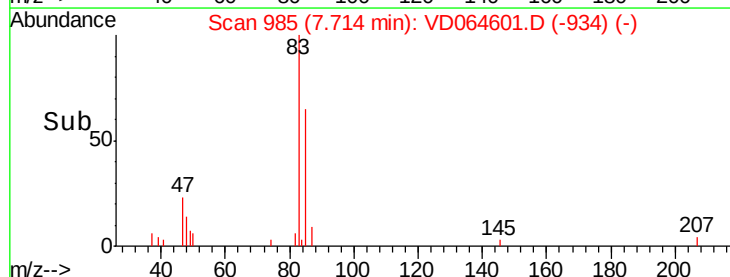
6000

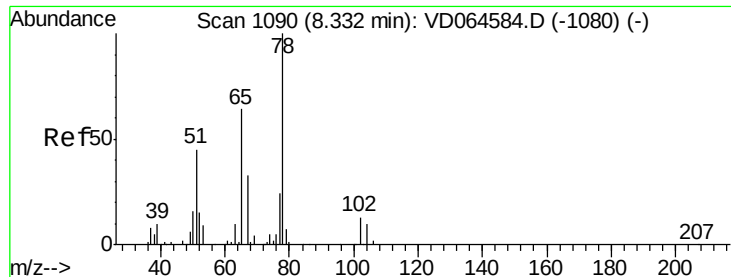
4000

2000

0

Time-->

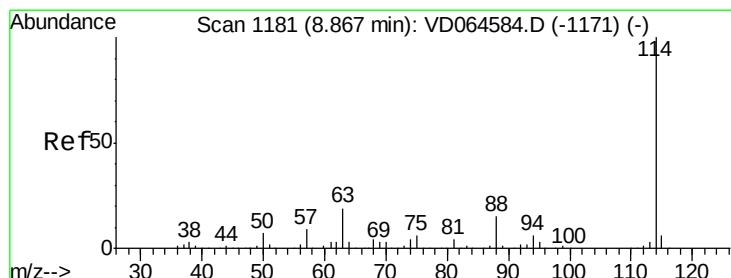
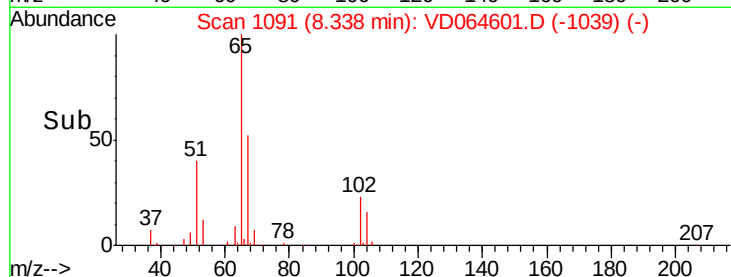
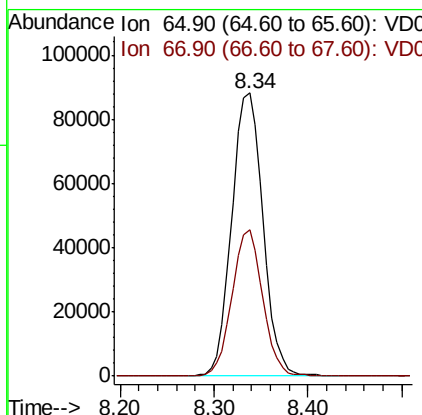
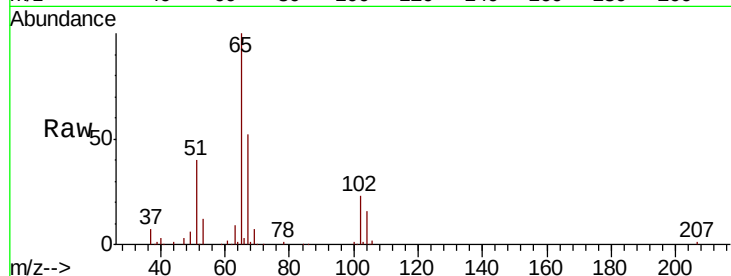




#33
 1,2-Dichloroethane-d4
 Concen: 48.085 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

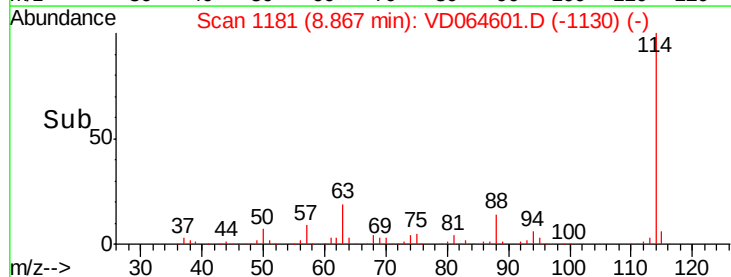
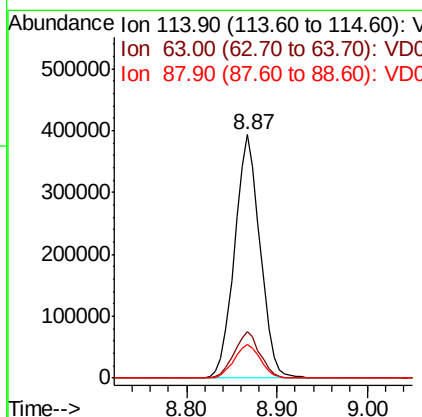
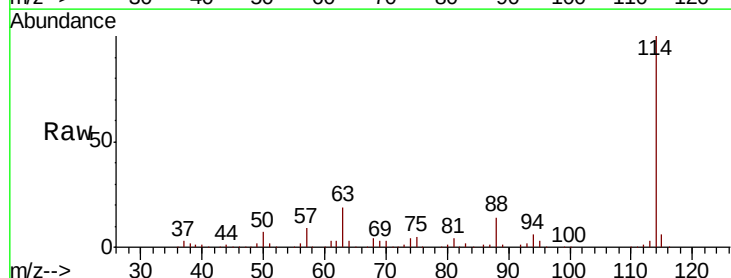
Instrument :
 MSVOA_D
 ClientSampleId :
 K009-SB-5

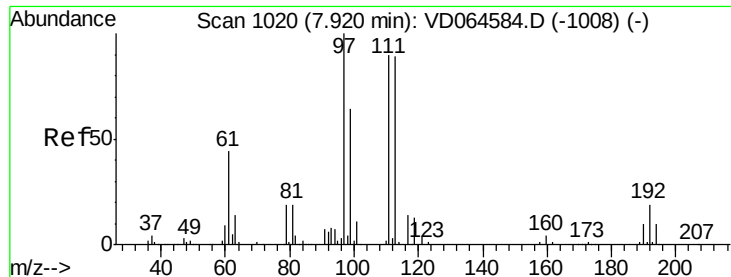
Tot Ion: 65 Resp: 203362
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

Tgt Ion: 114 Resp: 769399
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 13.8 0.0 29.2

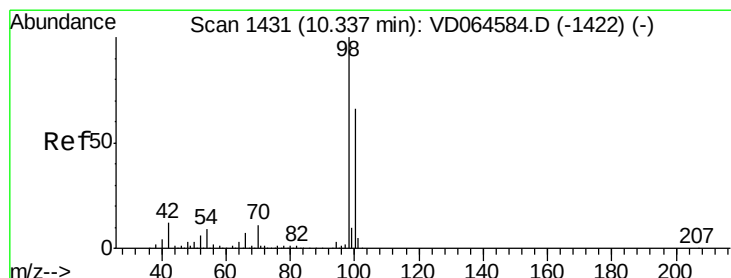
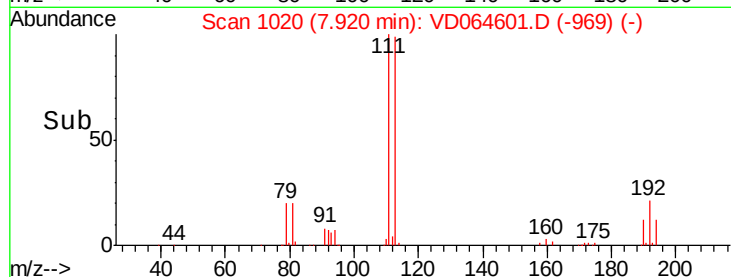
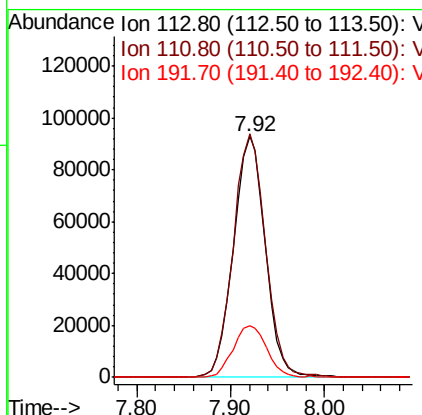
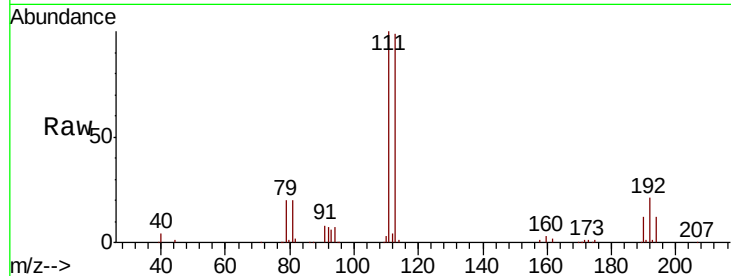




#35
 Dibromofluoromethane
 Concen: 46.157 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

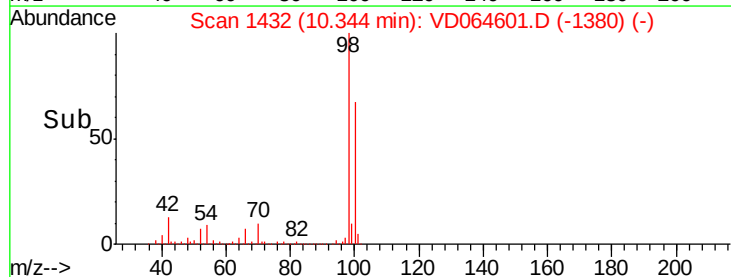
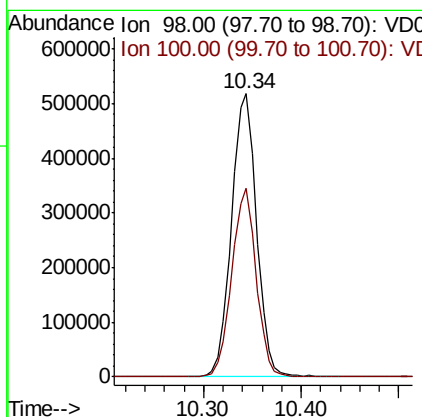
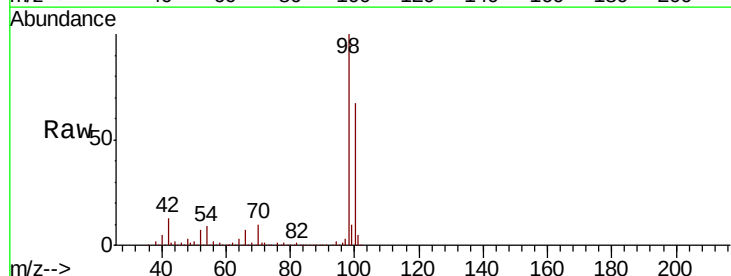
Instrument :
 MSVOA_D
 ClientSampleId :
 K009-SB-5

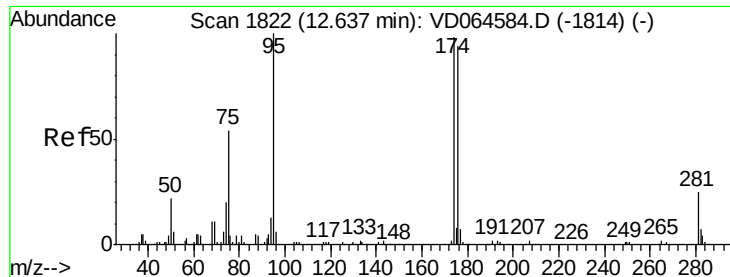
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	22.8	17.9	26.9



#50
 Toluene-d8
 Concen: 51.157 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 55.792 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

K009-SB-5

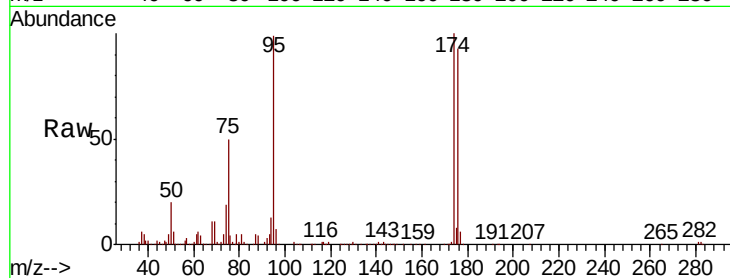
Tot Ion: 95 Resp: 318944

Ion Ratio Lower Upper

95 100

174 95.5 0.0 193.2

176 92.8 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

250000

200000

150000

100000

50000

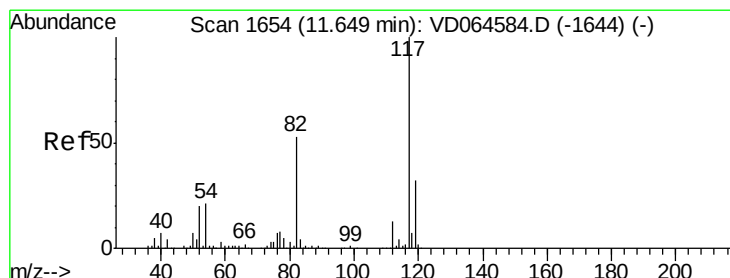
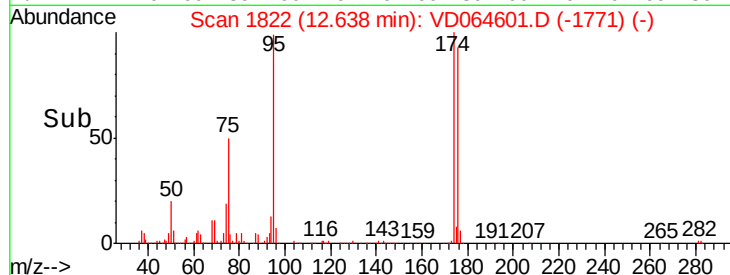
0

12.64

12.60

12.70

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

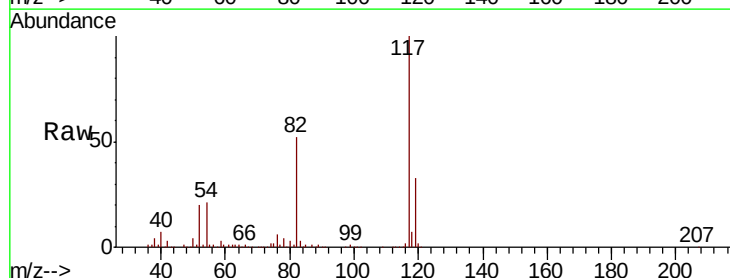
Tgt Ion: 117 Resp: 744275

Ion Ratio Lower Upper

117 100

82 52.5 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

500000

400000

300000

200000

100000

0

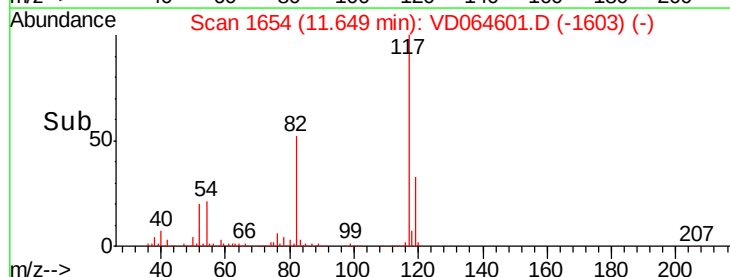
11.65

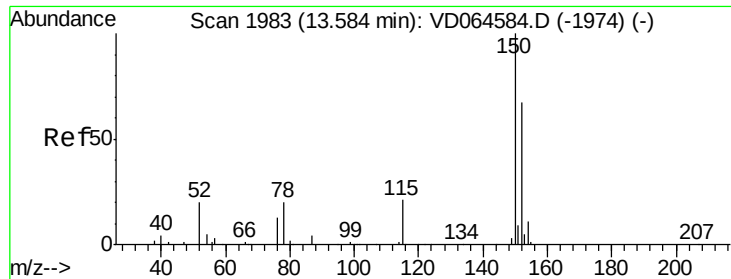
11.60

11.70

11.80

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

K009-SB-5

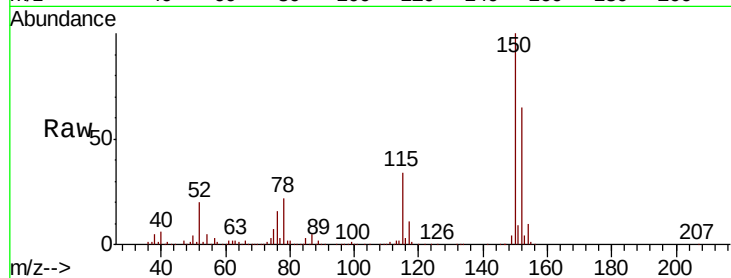
Tot Ion:152 Resp: 341177

Ion Ratio Lower Upper

152 100

115 54.6 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

