

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064668.D
 Acq On : 28 Dec 2019 04:12
 Operator : VA/SY
 Sample : K6442-04
 Misc : 6.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB4

Quant Time: Dec 30 04:50:12 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

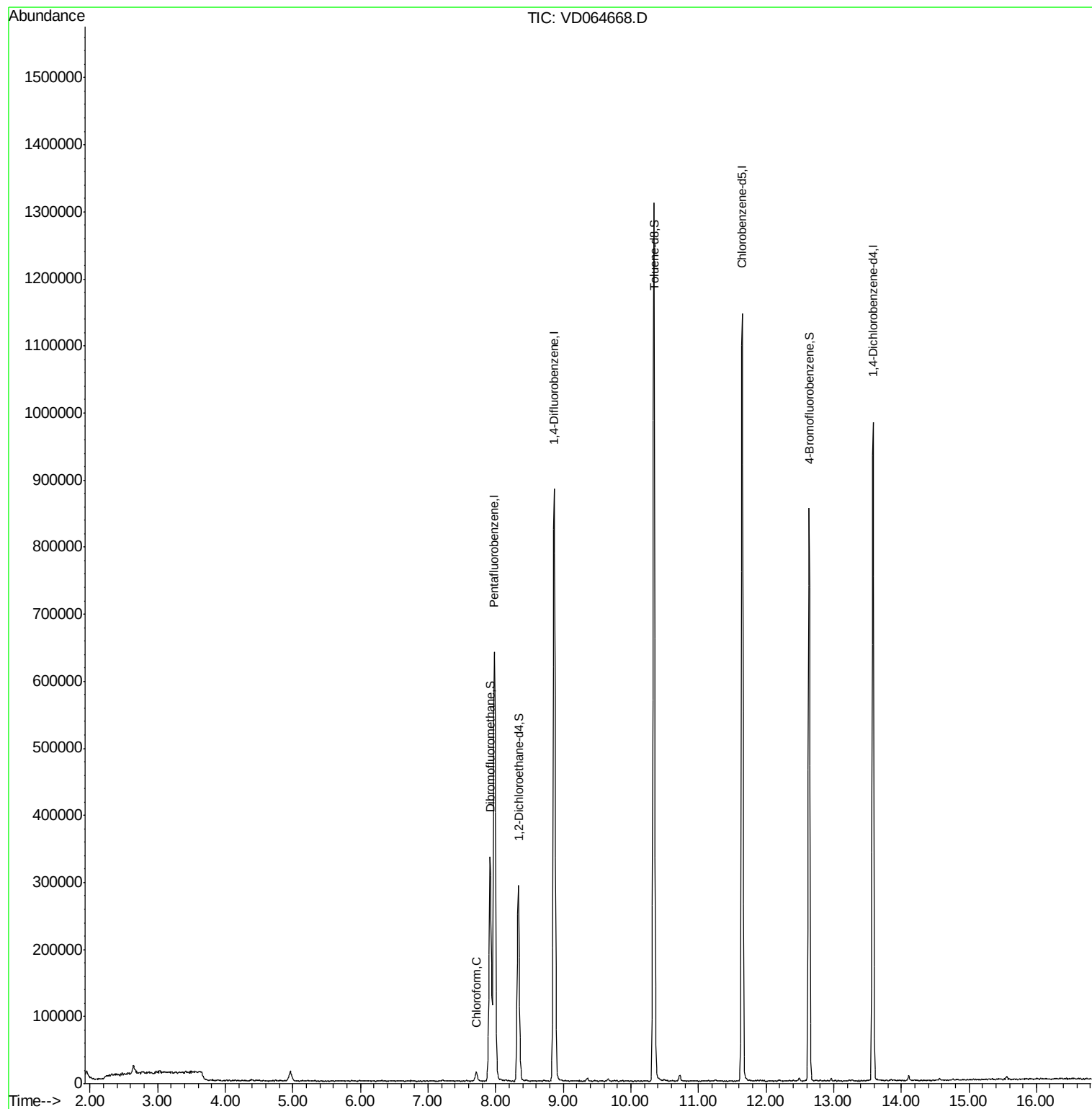
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	763991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	649495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235781	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	7.92	113	231296	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	906402	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.64	95	250621	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
30) Chloroform	7.71	83	11212	1.297	ug/l #	Qvalue 74

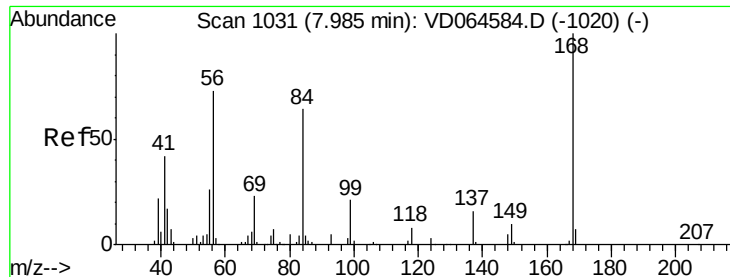
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064668.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

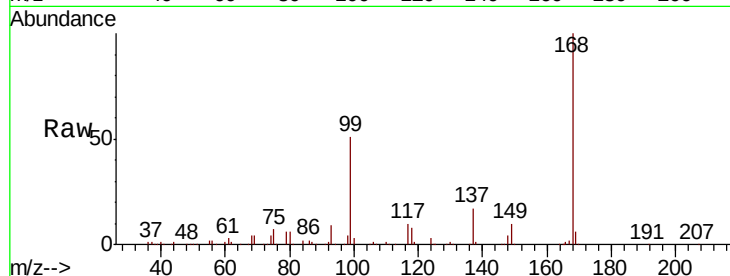
K615-SB4

Tot Ion:168 Resp: 501834

Ion Ratio Lower Upper

168 100

99 50.8 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

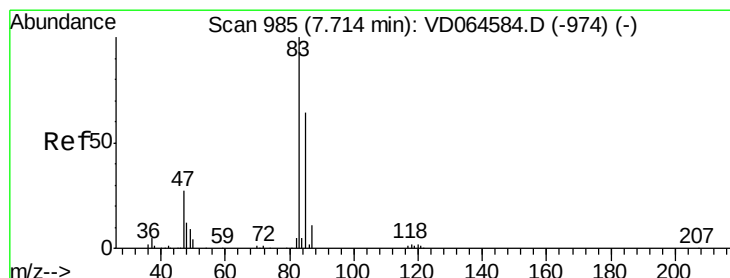
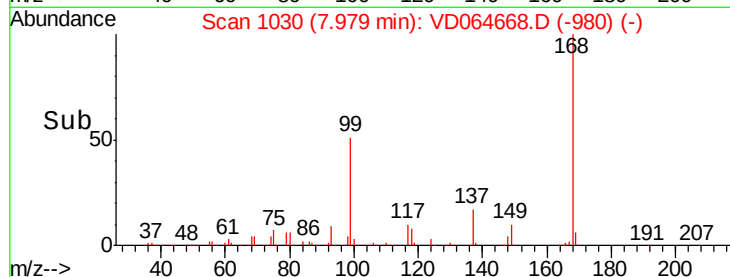
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.297 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064668.D

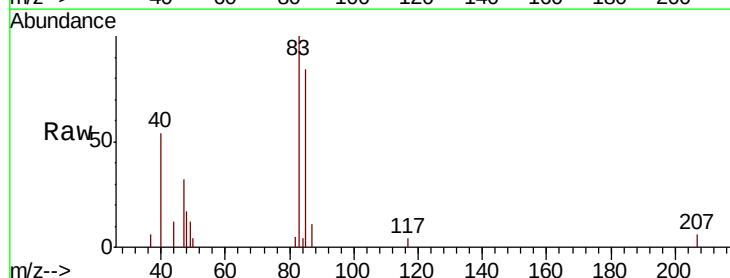
Acq: 28 Dec 2019 04:12

Tgt Ion: 83 Resp: 11212

Ion Ratio Lower Upper

83 100

85 83.9 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

5000

4000

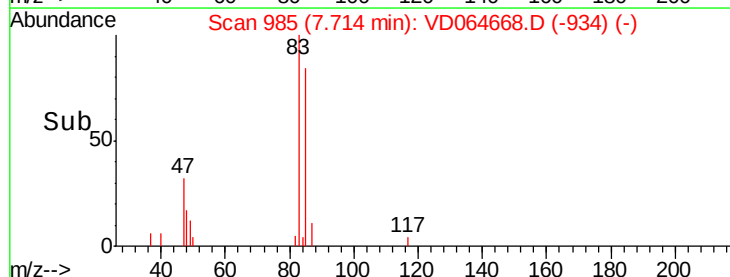
3000

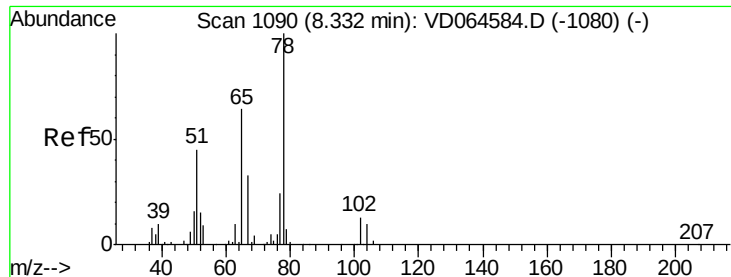
2000

1000

0

Time-->

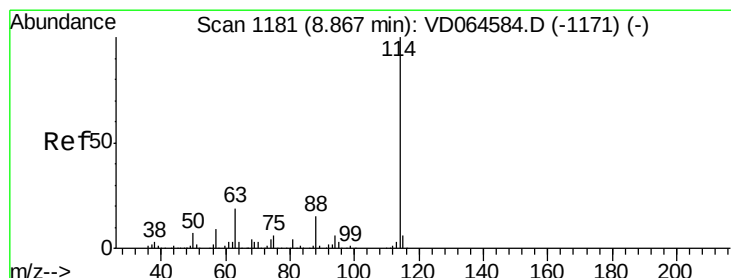
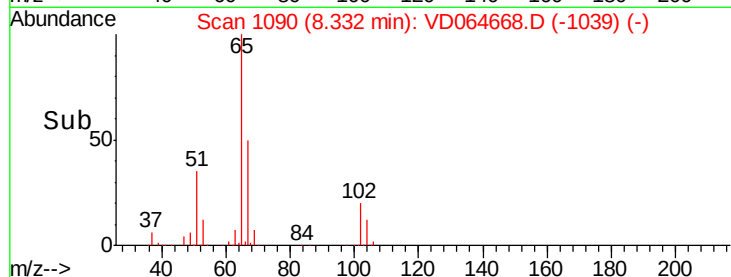
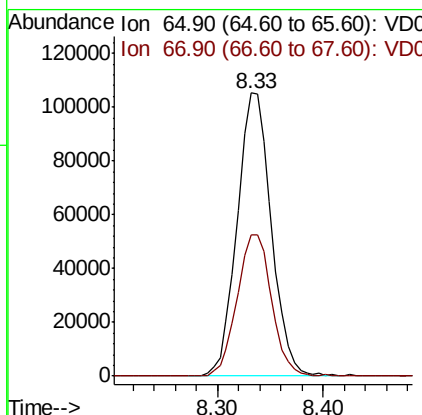
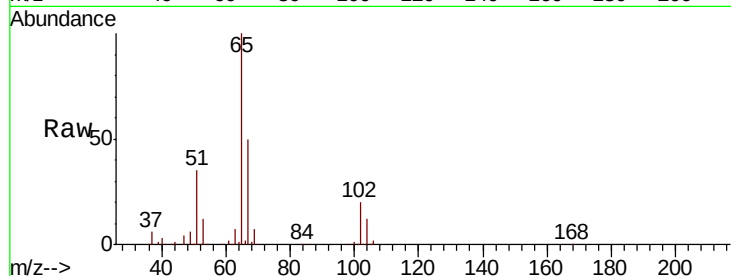




#33
 1,2-Dichloroethane-d4
 Concen: 53.282 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

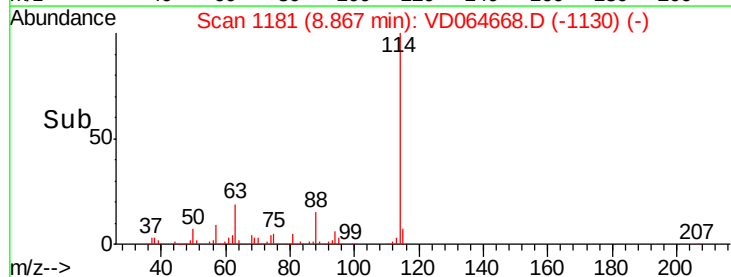
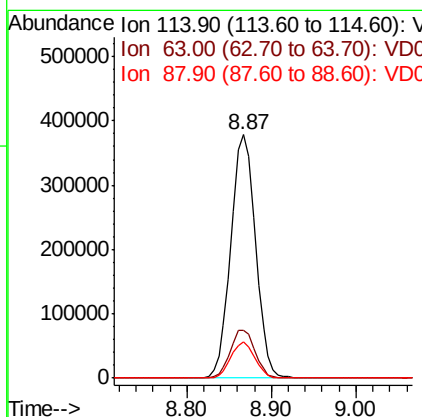
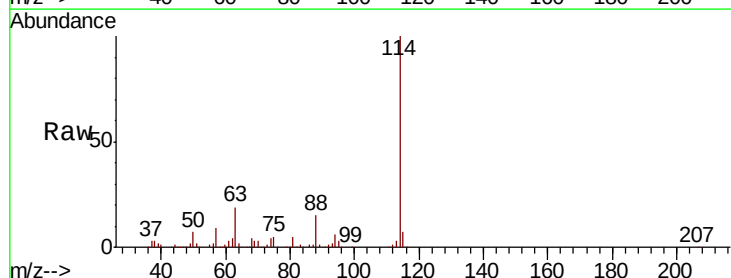
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB4

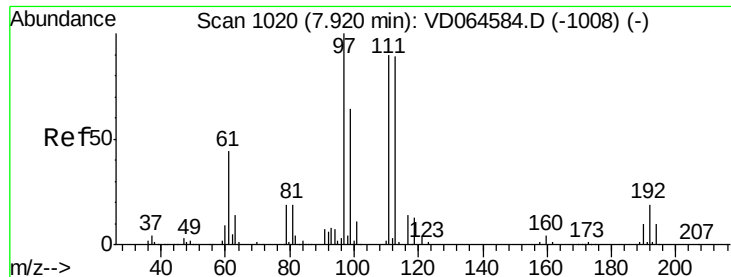
Tot Ion: 65 Resp: 235781
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

Tgt Ion: 114 Resp: 763991
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 14.9 0.0 29.2

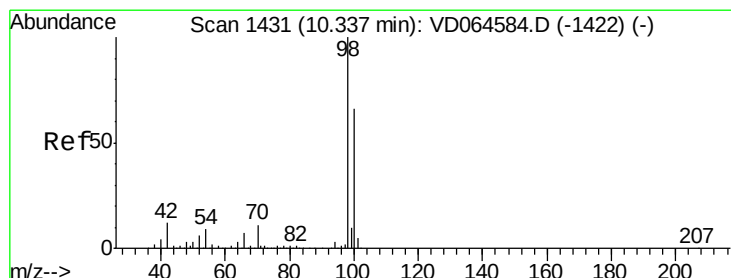
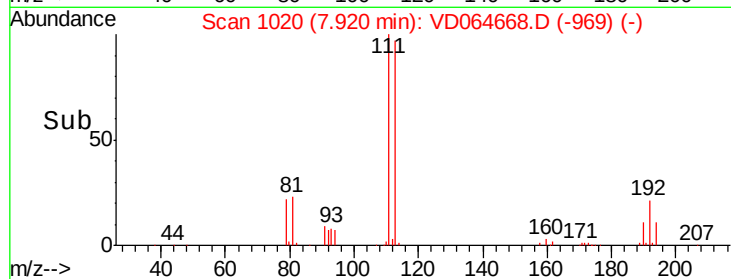
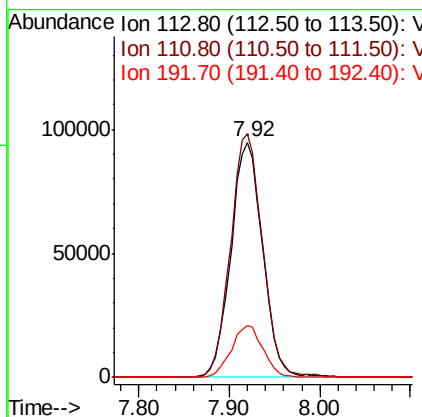
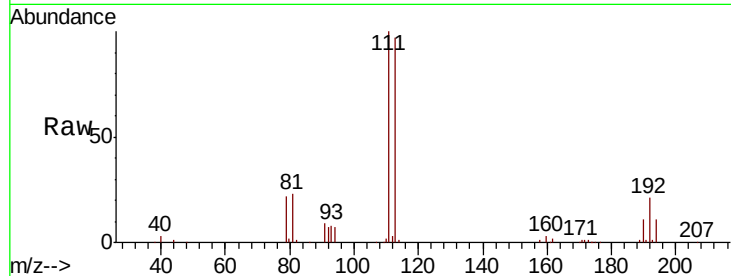




#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

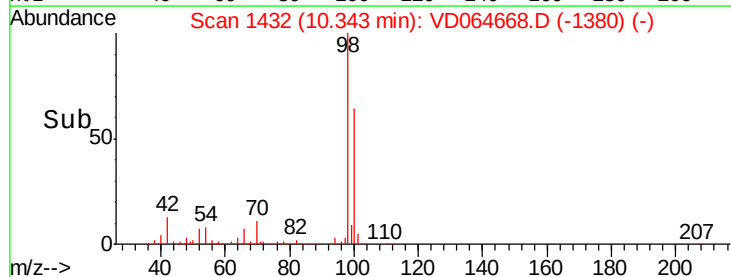
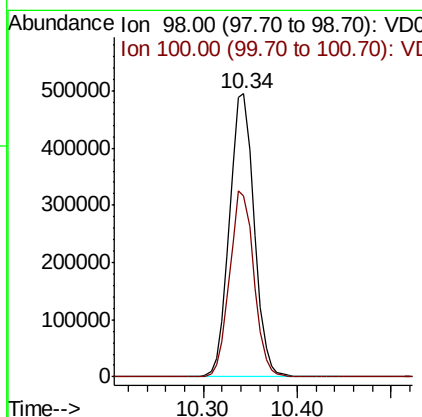
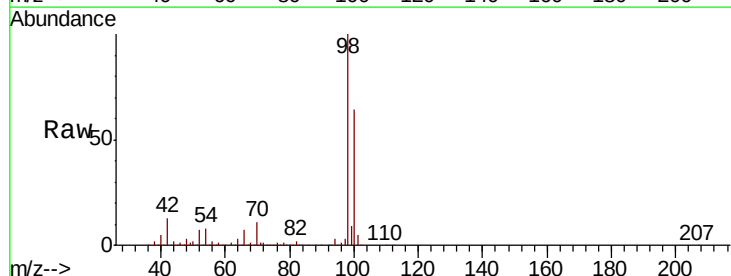
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB4

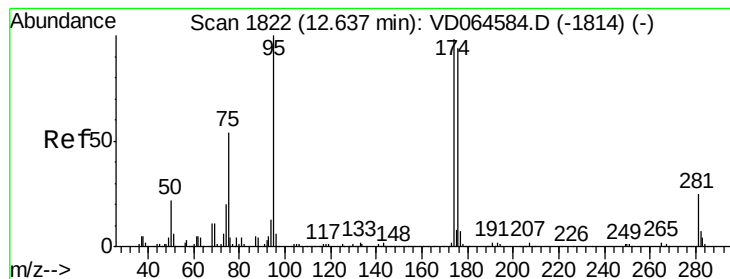
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.6	121.0
192	21.9	17.9	26.9



#50
 Toluene-d8
 Concen: 50.492 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 44.151 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

K615-SB4

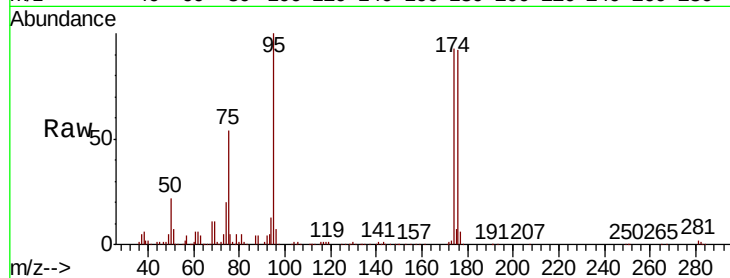
Tot Ion: 95 Resp: 250621

Ion Ratio Lower Upper

95 100

174 93.2 0.0 193.2

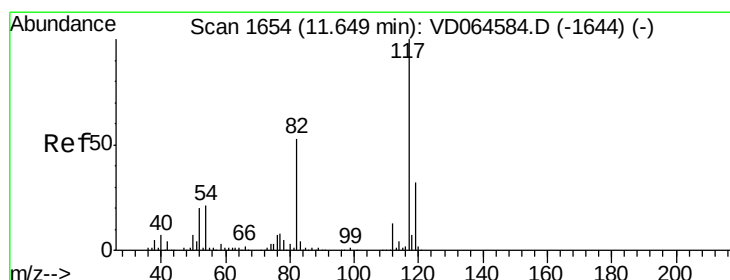
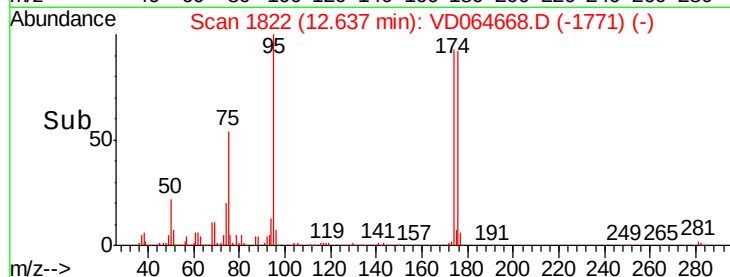
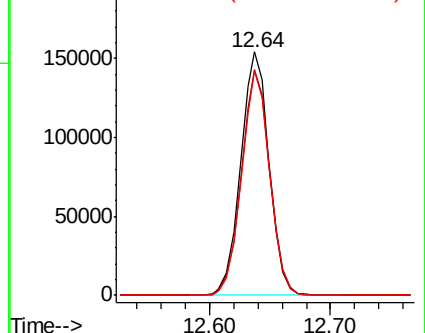
176 91.2 0.0 184.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

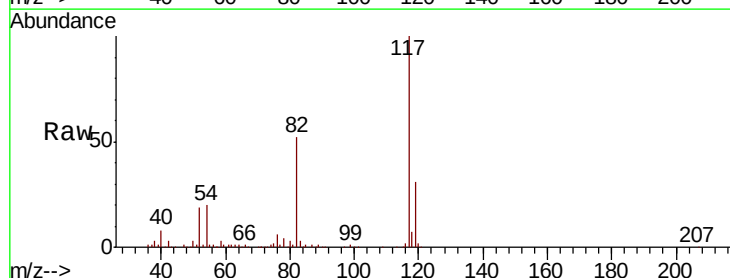
Tgt Ion: 117 Resp: 649495

Ion Ratio Lower Upper

117 100

82 51.6 42.2 63.4

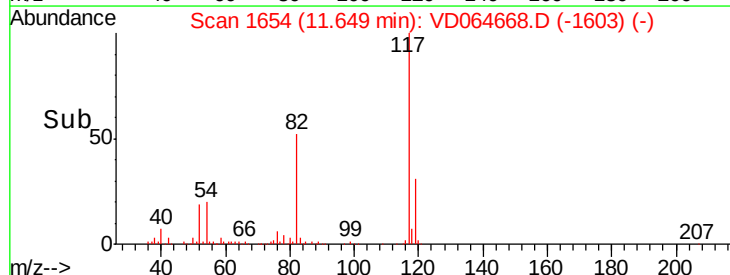
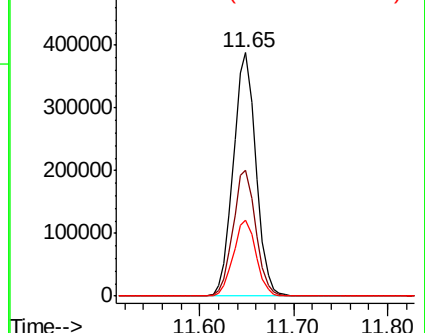
119 31.1 26.0 39.0

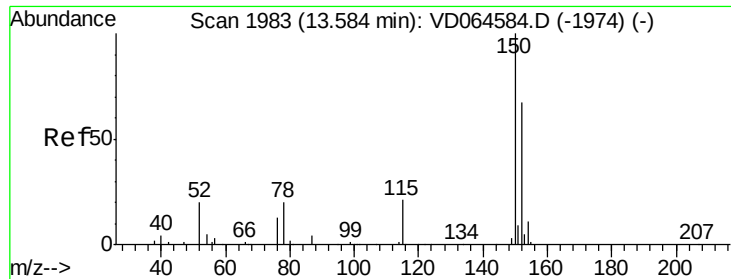


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

K615-SB4

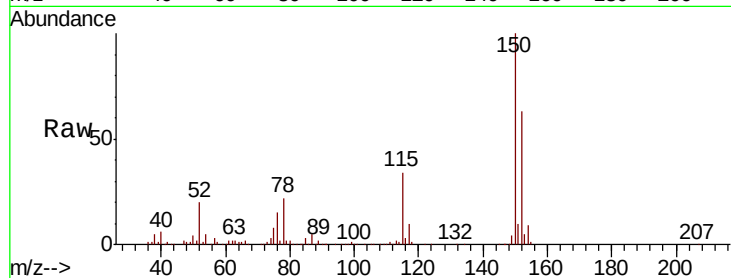
Tot Ion:152 Resp: 259267

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 157.6 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

