

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064667.D
 Acq On : 28 Dec 2019 03:43
 Operator : VA/SY
 Sample : K6442-03
 Misc : 6.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB3

Quant Time: Dec 30 04:48:53 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

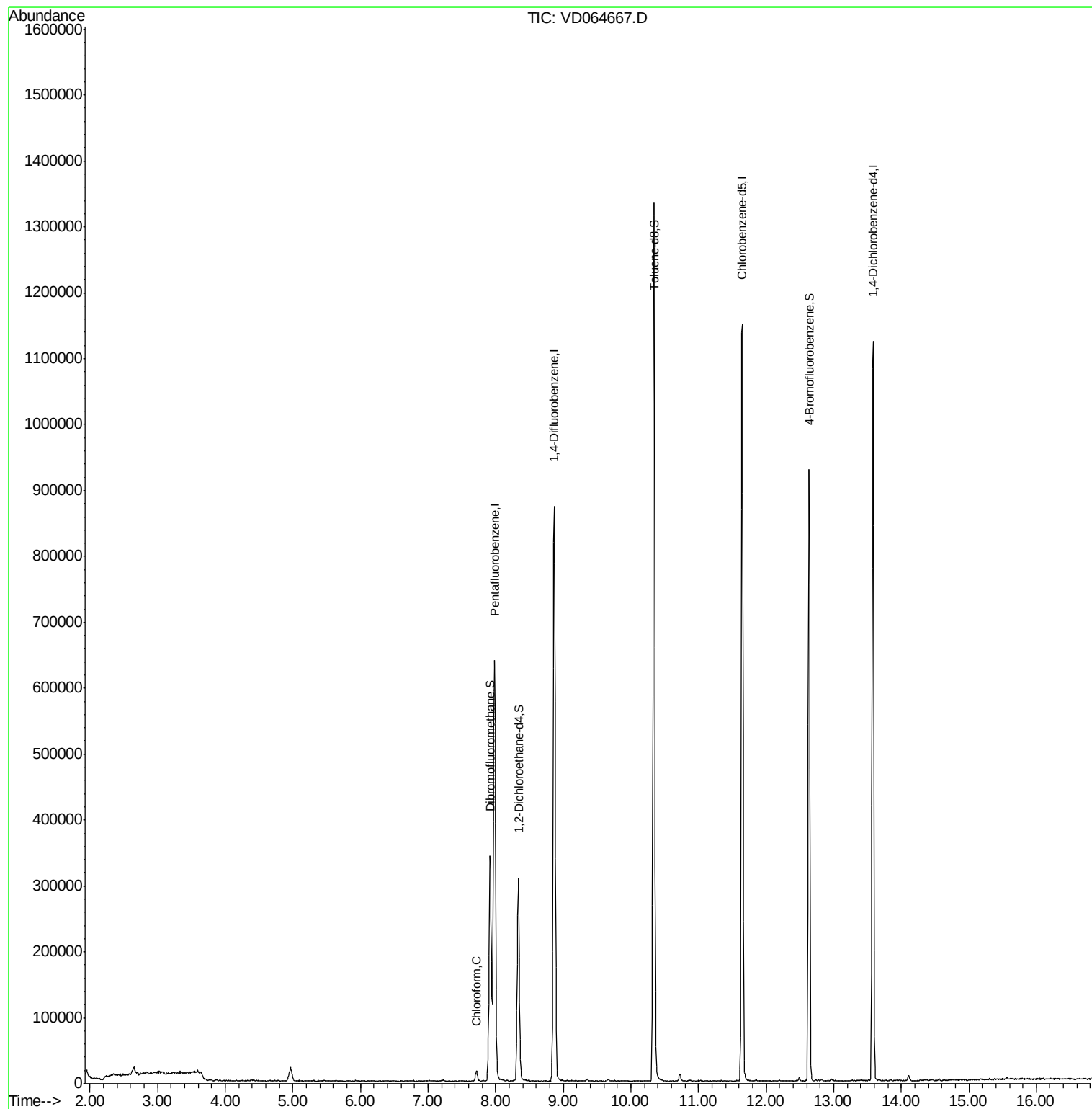
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	499774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	767839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	661527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	241142	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.92	113	235184	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.34	98	913337	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.64	95	270752	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
30) Chloroform	7.71	83	12802	1.486	ug/l #	Qvalue 83

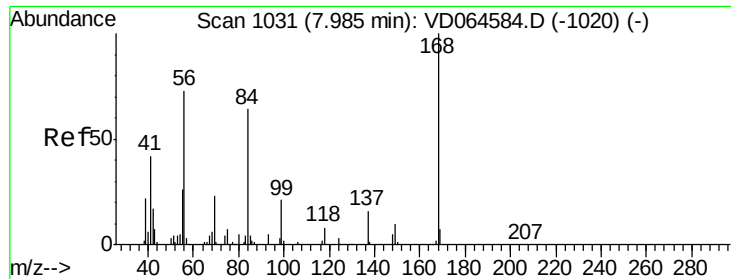
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064667.D
Acq On : 28 Dec 2019 03:43
Operator : VA/SY
Sample : K6442-03
Misc : 6.75G/5.00ml/MSVOA D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
K615-SB3

Quant Time: Dec 30 04:48:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064667.D

Acq: 28 Dec 2019 03:43

Instrument :

MSVOA_D

ClientSampleId :

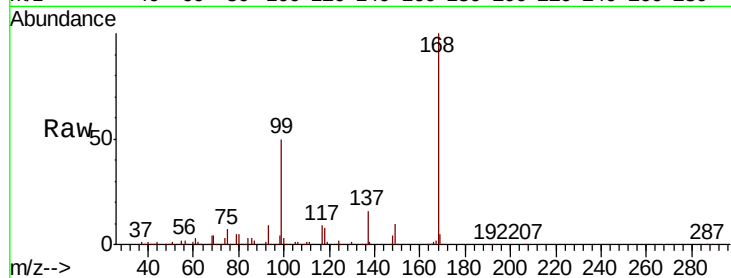
K615-SB3

Tot Ion:168 Resp: 499774

Ion Ratio Lower Upper

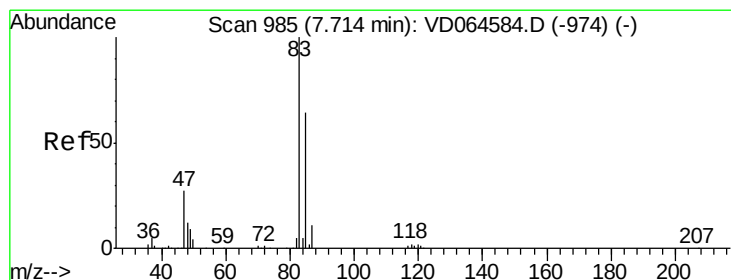
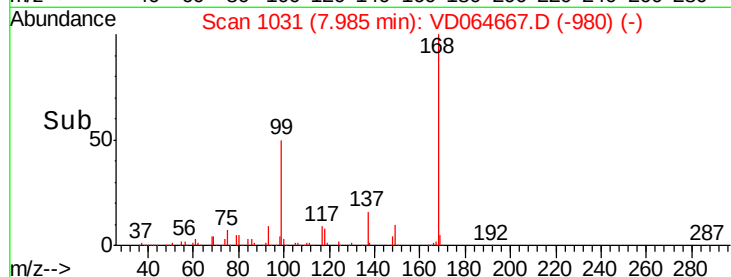
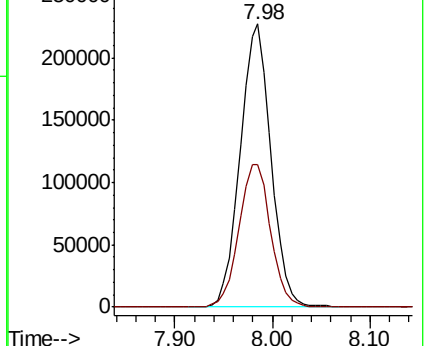
168 100

99 50.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.486 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064667.D

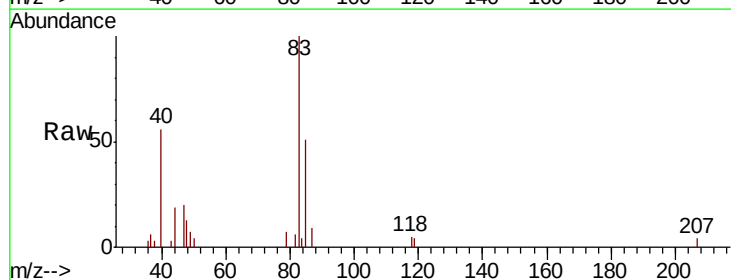
Acq: 28 Dec 2019 03:43

Tgt Ion: 83 Resp: 12802

Ion Ratio Lower Upper

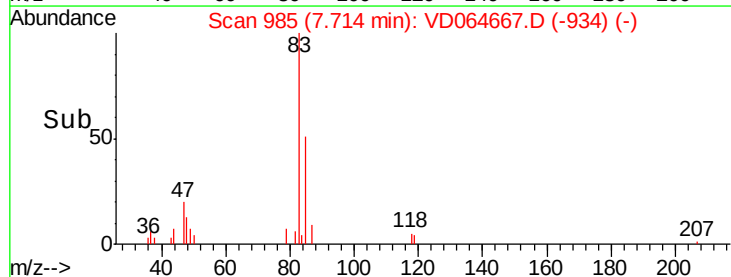
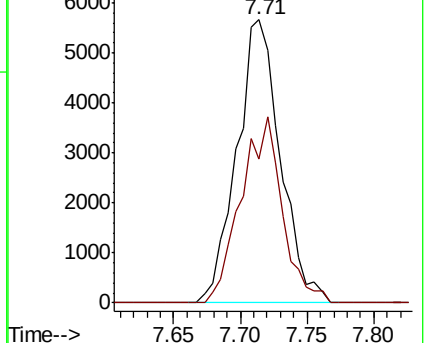
83 100

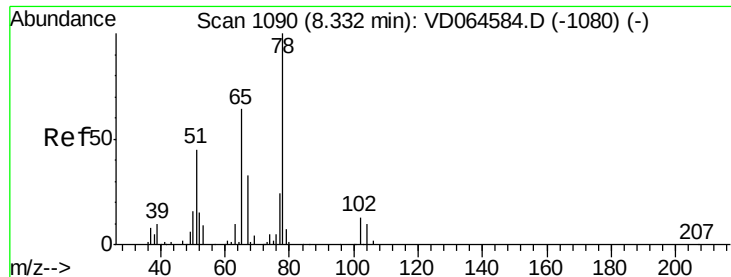
85 50.9 51.1 76.7#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

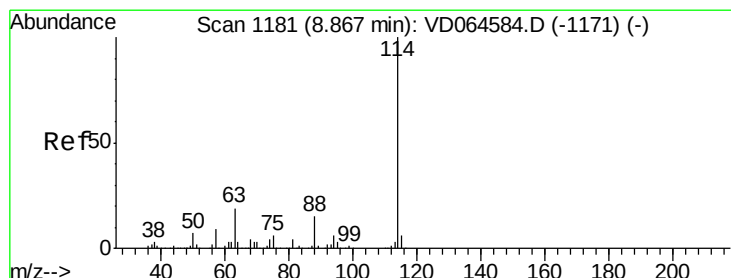
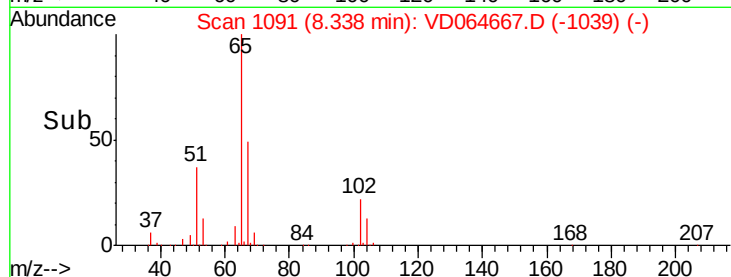
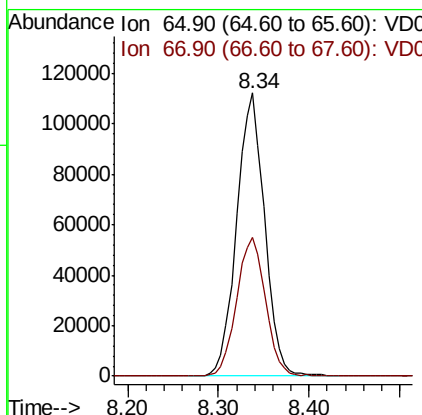
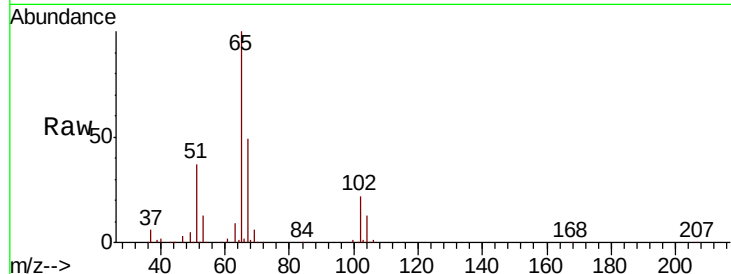




#33
 1,2-Dichloroethane-d4
 Concen: 54.719 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064667.D
 Acq: 28 Dec 2019 03:43

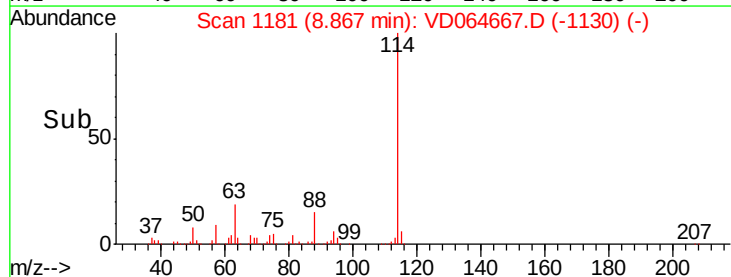
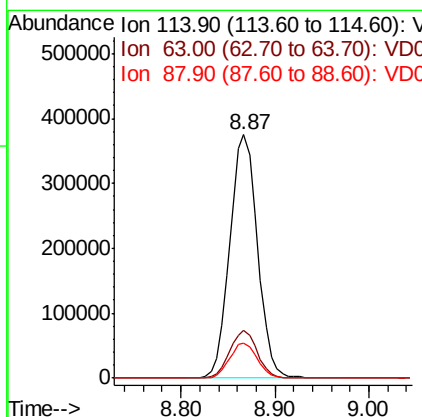
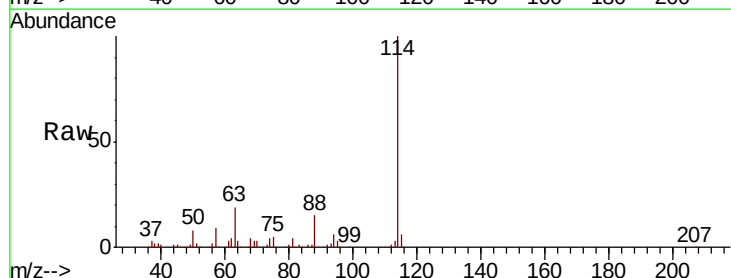
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB3

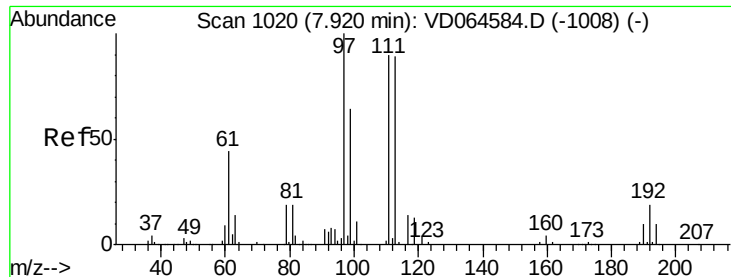
Tot Ion: 65 Resp: 241142
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064667.D
 Acq: 28 Dec 2019 03:43

Tgt Ion: 114 Resp: 767839
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.5 0.0 29.2

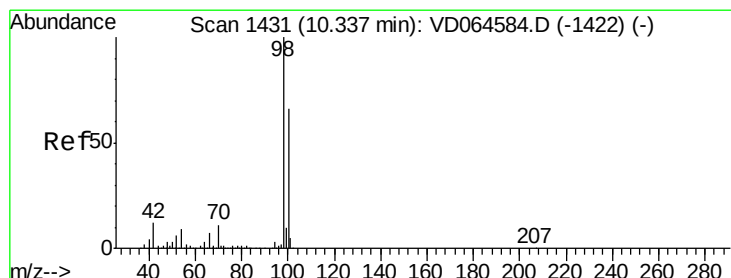
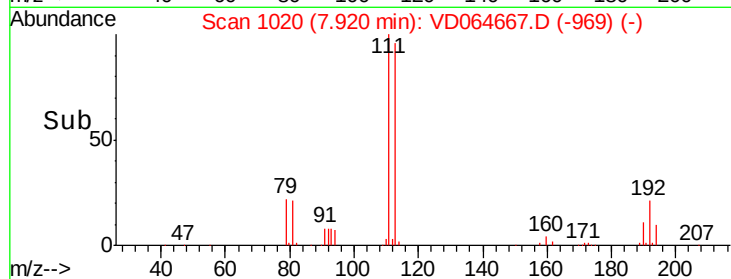
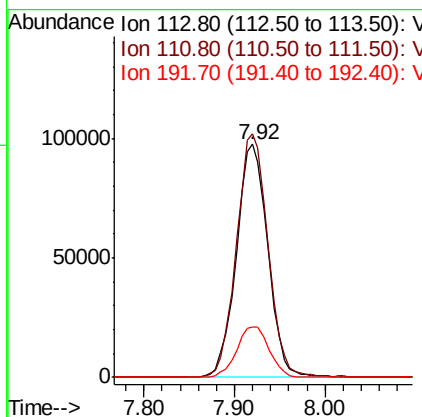
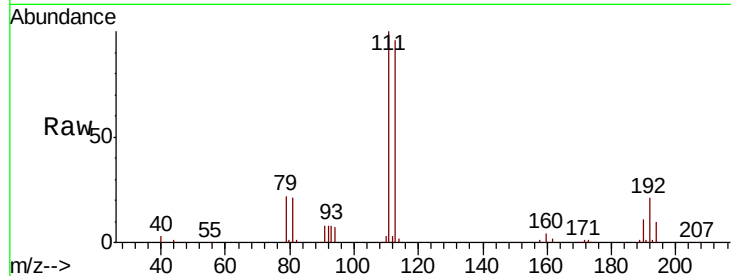




#35
 Dibromofluoromethane
 Concen: 49.924 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064667.D
 Acq: 28 Dec 2019 03:43

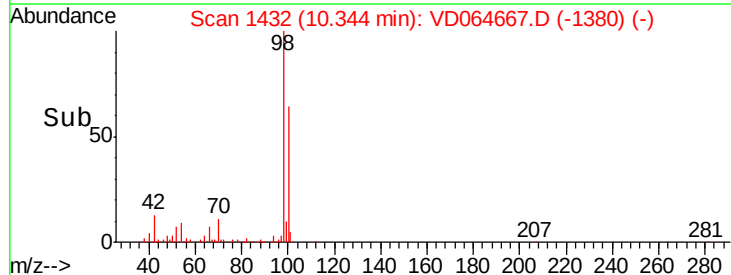
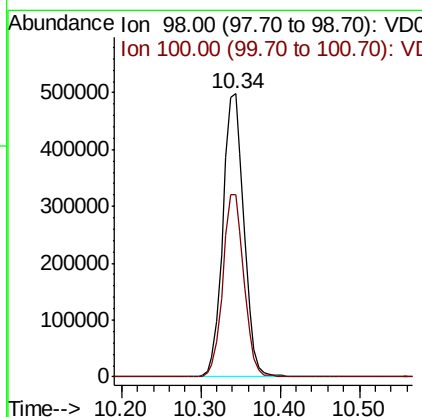
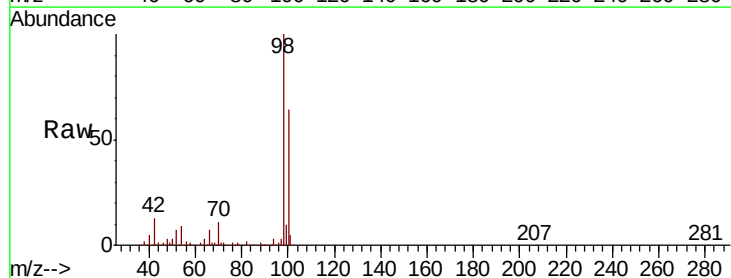
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB3

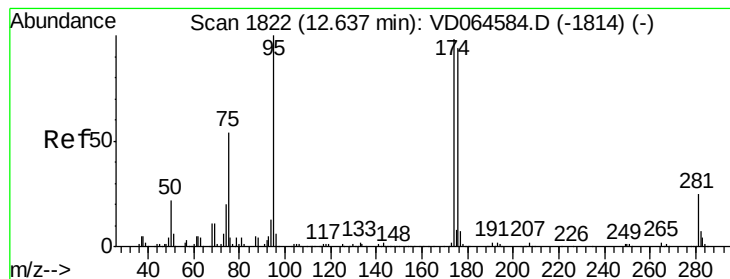
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.6	121.0
192	22.3	17.9	26.9



#50
 Toluene-d8
 Concen: 50.623 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064667.D
 Acq: 28 Dec 2019 03:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 47.458 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064667.D

Acq: 28 Dec 2019 03:43

Instrument :

MSVOA_D

ClientSampleId :

K615-SB3

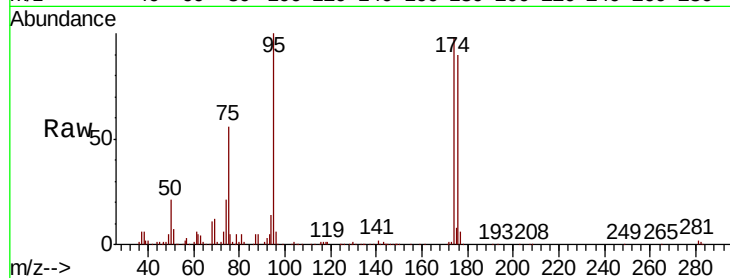
Tot Ion: 95 Resp: 270752

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

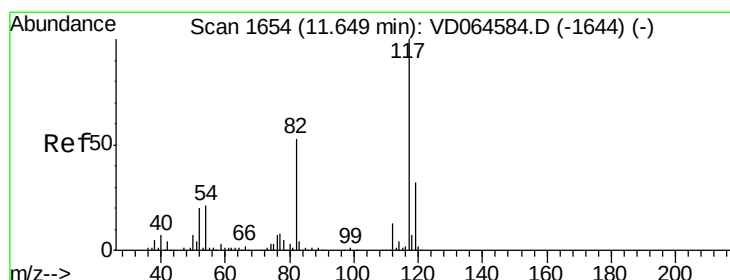
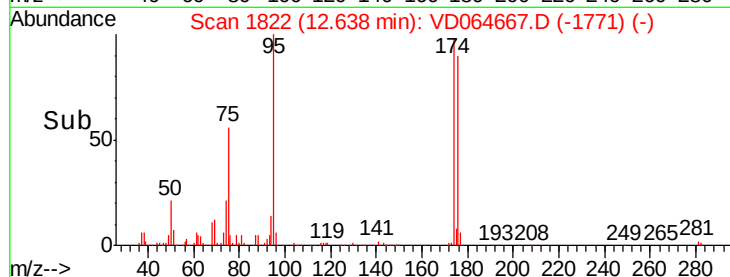
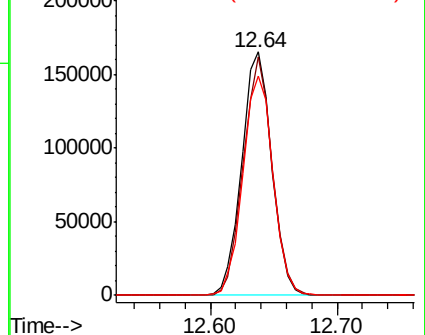
176 90.9 0.0 184.2



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: VD064667.D

Acq: 28 Dec 2019 03:43

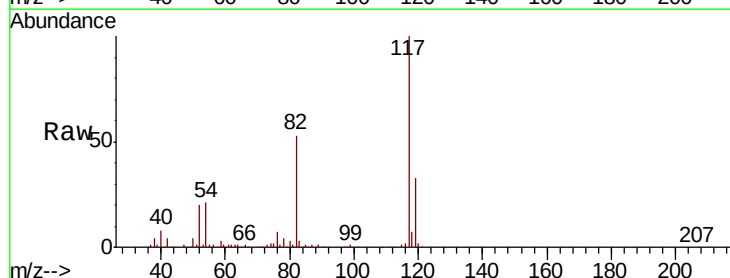
Tgt Ion: 117 Resp: 661527

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.4

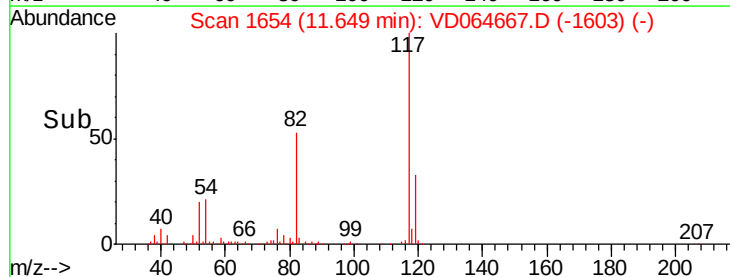
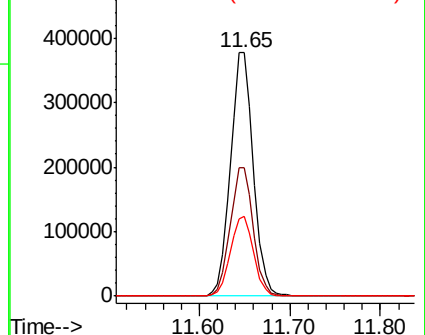
119 32.7 26.0 39.0

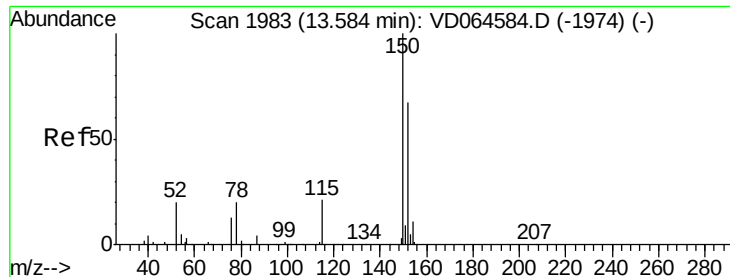


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064667.D

Acq: 28 Dec 2019 03:43

Instrument :

MSVOA_D

ClientSampleId :

K615-SB3

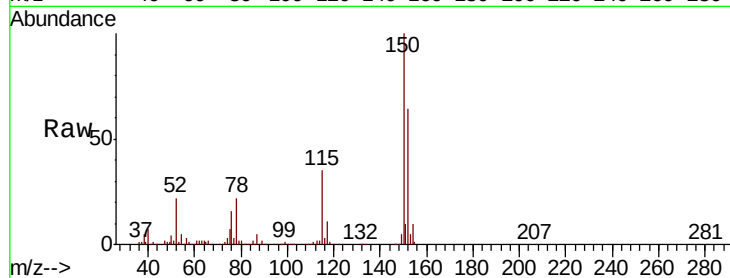
Tot Ion:152 Resp: 300549

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 158.1 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

