

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064679.D
 Acq On : 30 Dec 2019 15:38
 Operator : VA/SY
 Sample : K6439-17
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF014-01

Quant Time: Dec 31 07:52:51 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

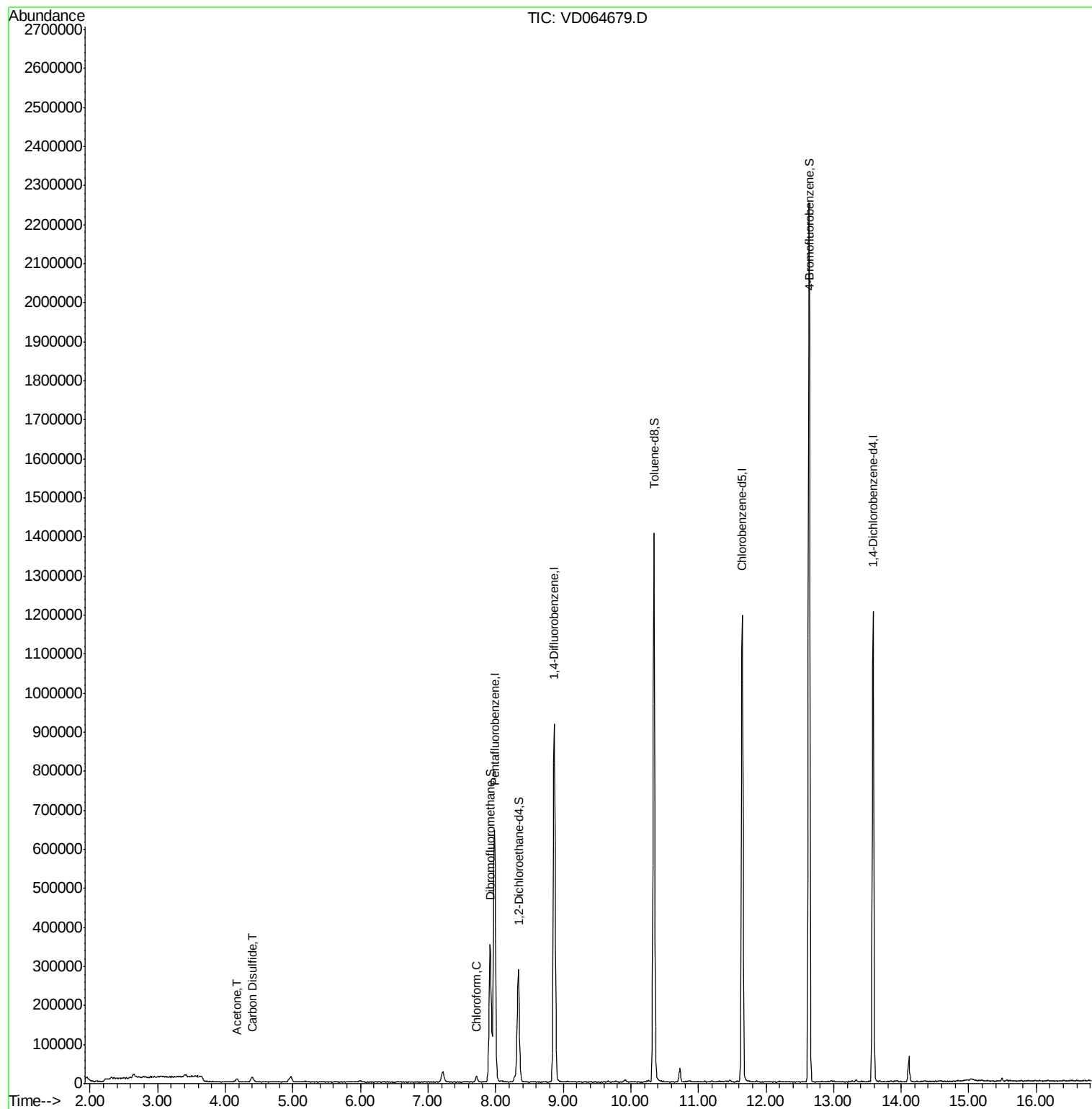
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	512563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	683518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	228893	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	7.92	113	238071	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.34	98	937198	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	292328	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
16) Acetone	4.17	43	11918	15.235	ug/l	98
17) Carbon Disulfide	4.40	76	28035	1.923	ug/l	97
30) Chloroform	7.72	83	12105	1.370	ug/l	96

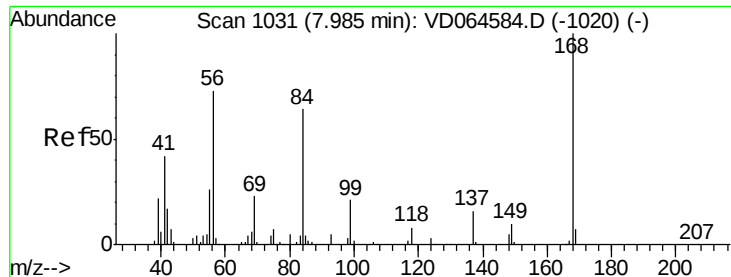
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064679.D

Acq: 30 Dec 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

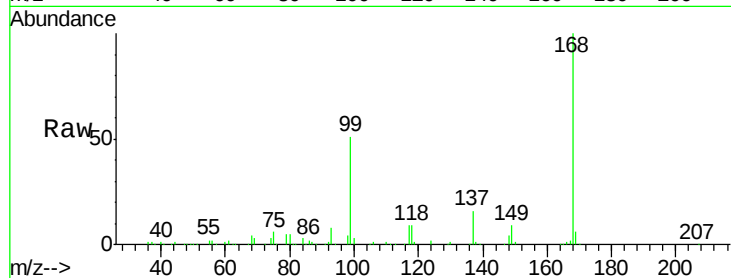
LIED-BF014-01

Tot Ion:168 Resp: 512563

Ion Ratio Lower Upper

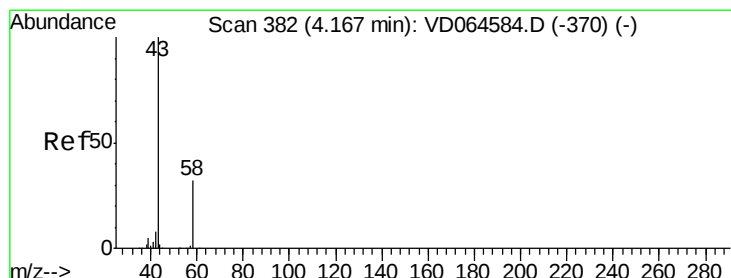
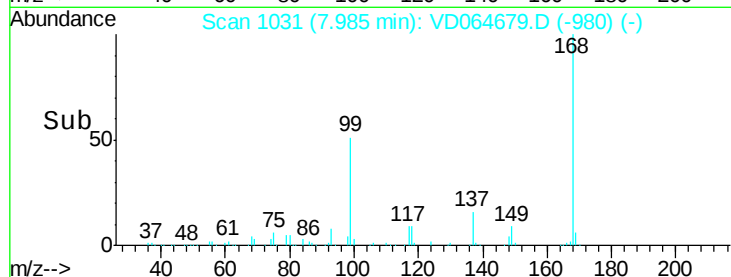
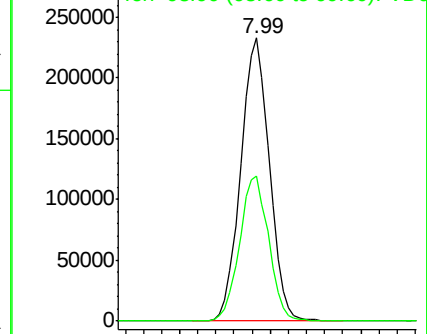
168 100

99 51.1 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: 15.235 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064679.D

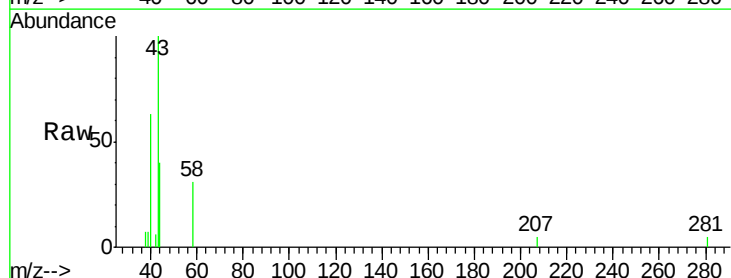
Acq: 30 Dec 2019 15:38

Tgt Ion: 43 Resp: 11918

Ion Ratio Lower Upper

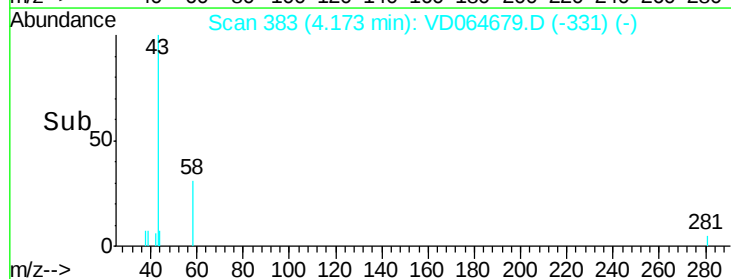
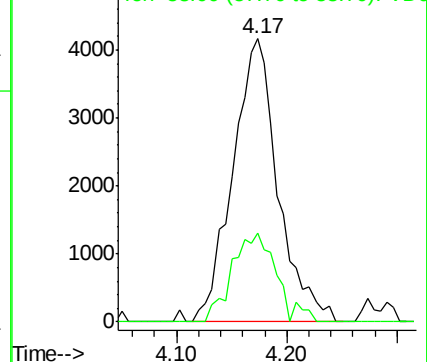
43 100

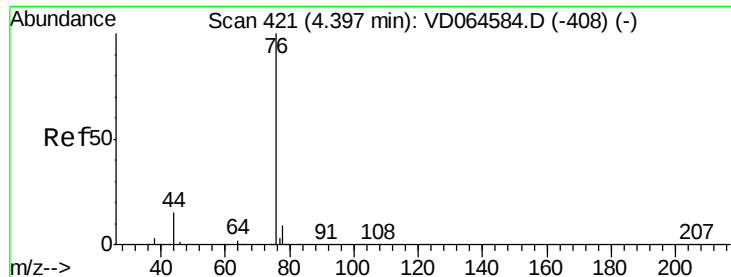
58 31.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.923 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064679.D

Acq: 30 Dec 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

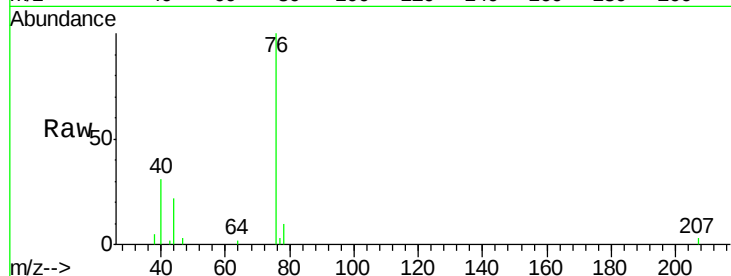
LIED-BF014-01

Tot Ion: 76 Resp: 28035

Ion Ratio Lower Upper

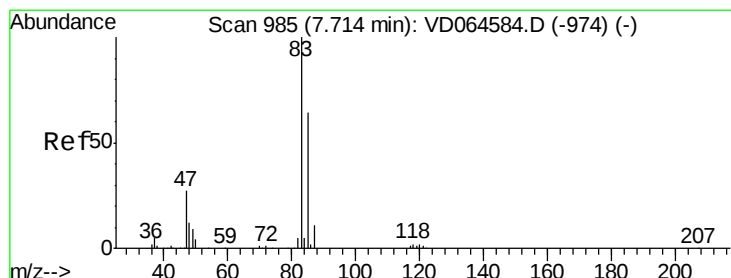
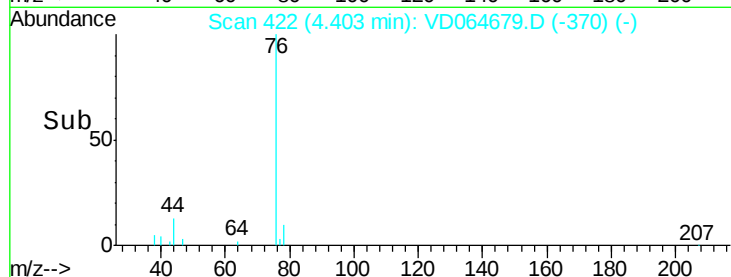
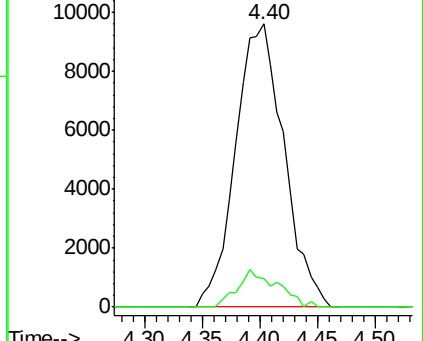
76 100

78 10.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#30

Chloroform

Concen: 1.370 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064679.D

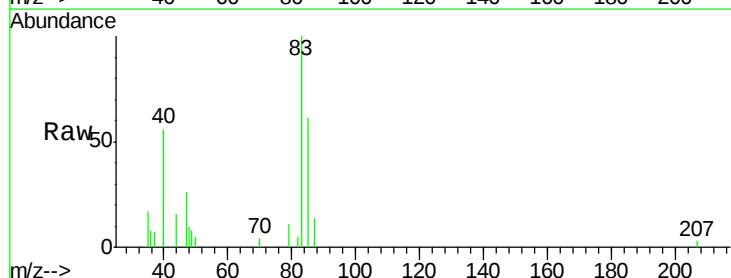
Acq: 30 Dec 2019 15:38

Tgt Ion: 83 Resp: 12105

Ion Ratio Lower Upper

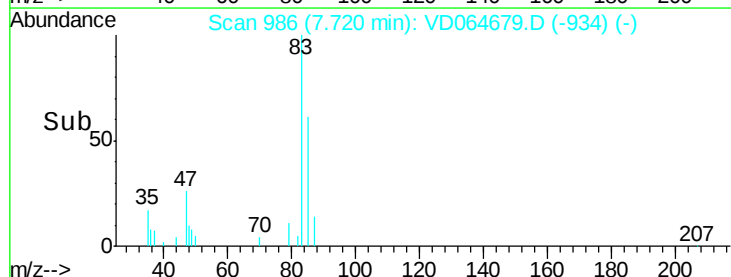
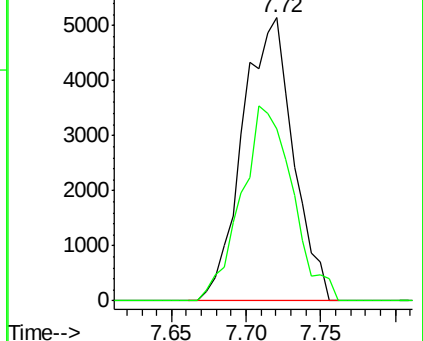
83 100

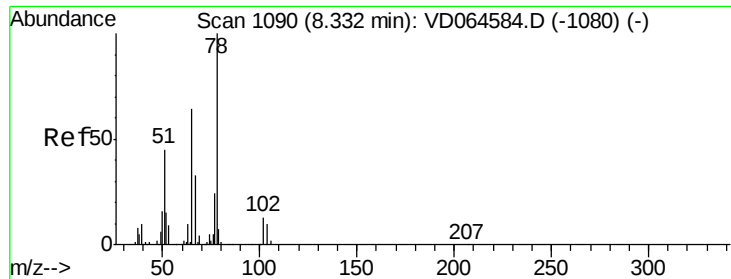
85 60.6 51.1 76.7



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: 50.643 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064679.D

Acq: 30 Dec 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

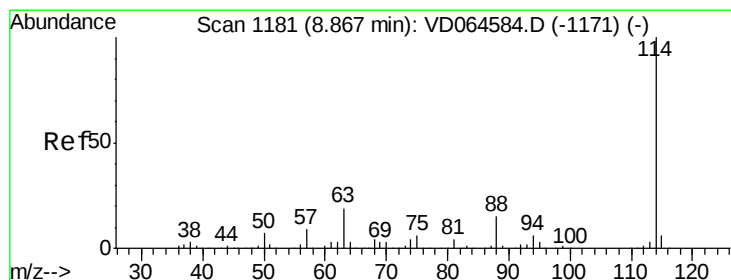
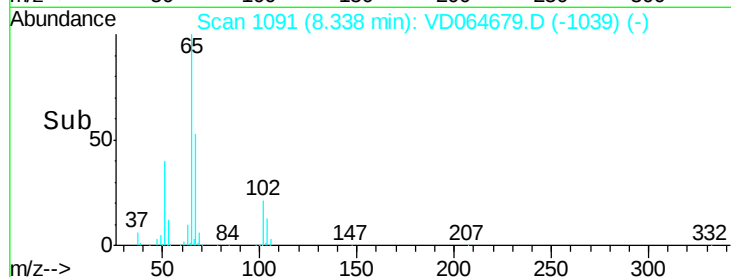
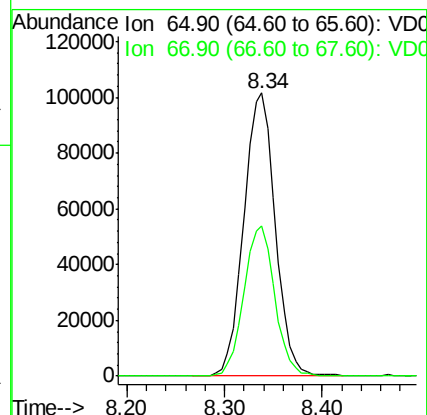
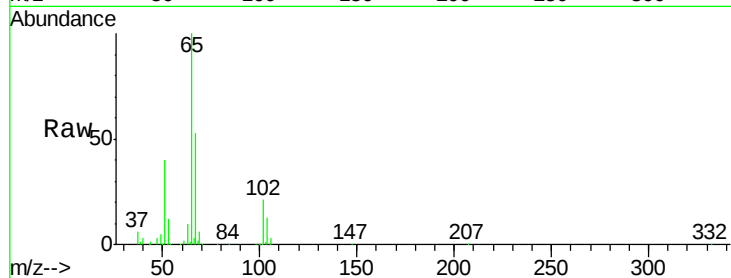
LIED-BF014-01

Tot Ion: 65 Resp: 228893

Ion Ratio Lower Upper

65 100

67 52.1 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: VD064679.D

Acq: 30 Dec 2019 15:38

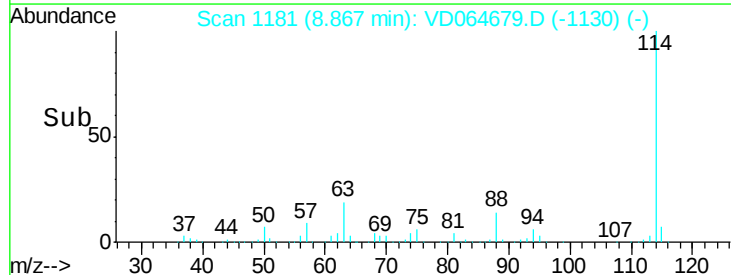
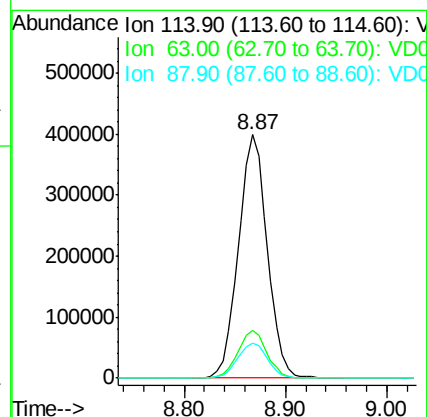
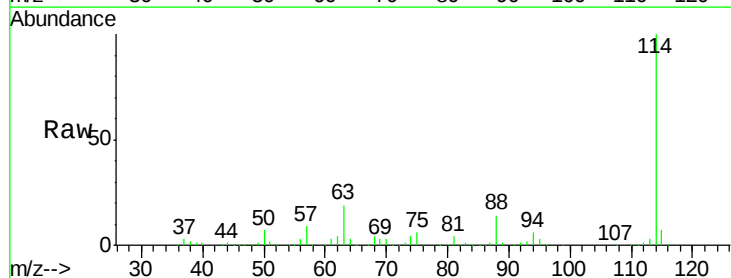
Tgt Ion: 114 Resp: 784028

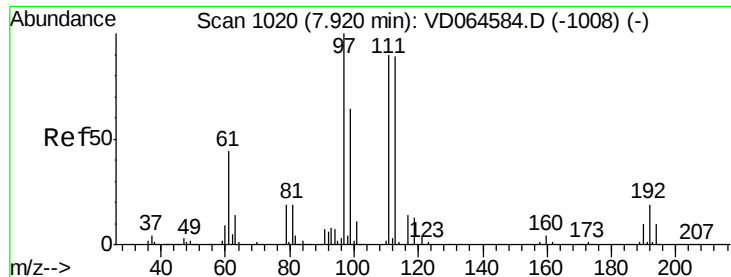
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 14.3 0.0 29.2

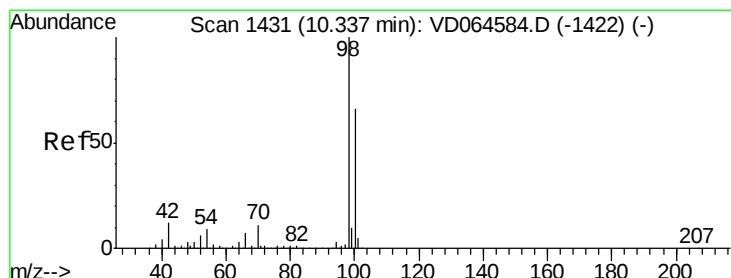
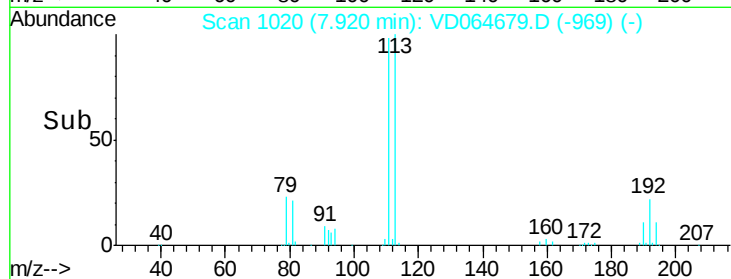
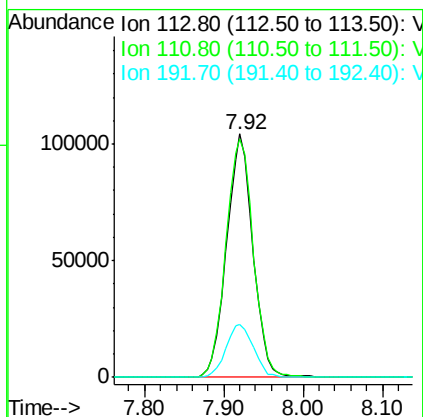
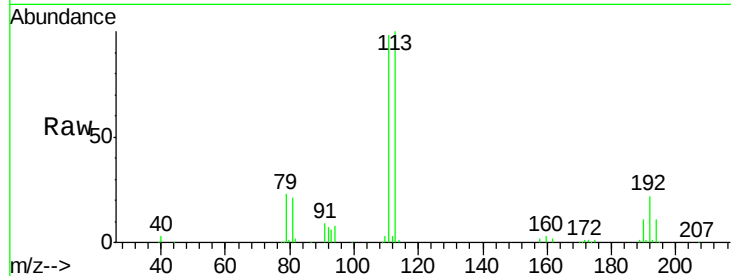




#35
 Dibromofluoromethane
 Concen: 49.493 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064679.D
 Acq: 30 Dec 2019 15:38

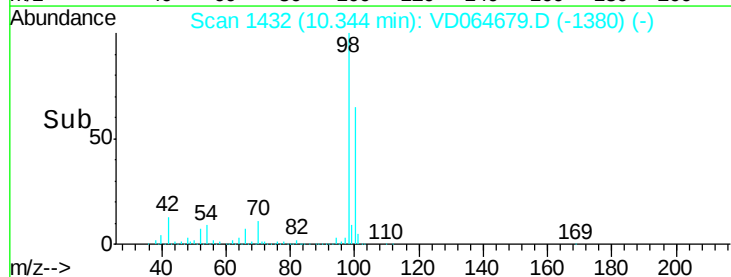
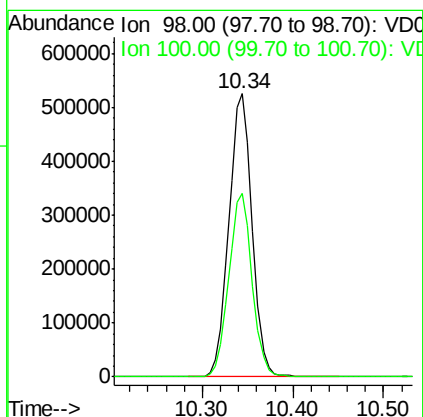
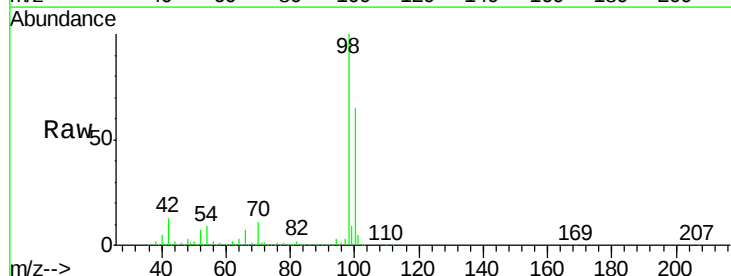
Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF014-01

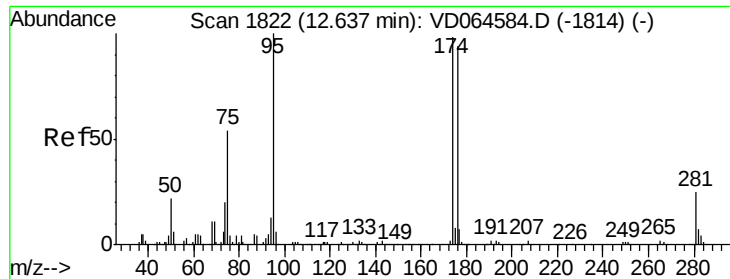
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.6	121.0
192	22.9	17.9	26.9



#50
 Toluene-d8
 Concen: 50.873 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064679.D
 Acq: 30 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 50.182 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064679.D

Acq: 30 Dec 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF014-01

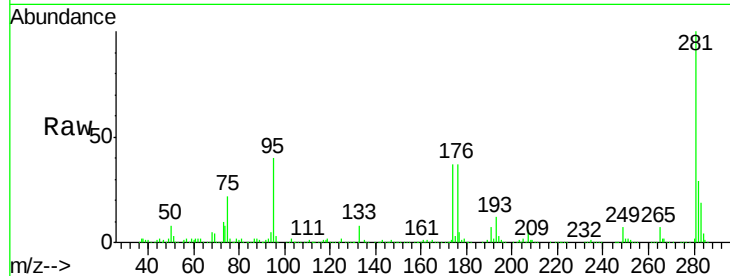
Tot Ion: 95 Resp: 292328

Ion Ratio Lower Upper

95 100

174 95.3 0.0 193.2

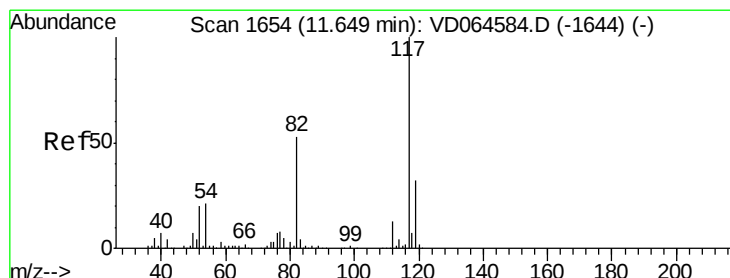
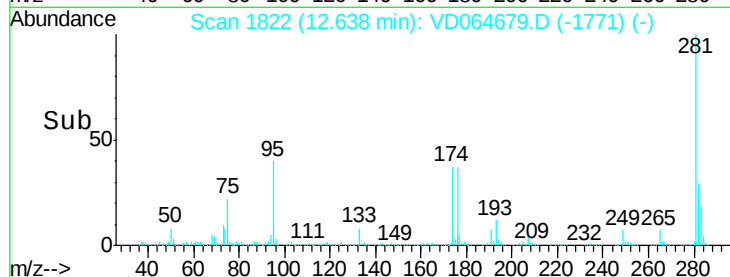
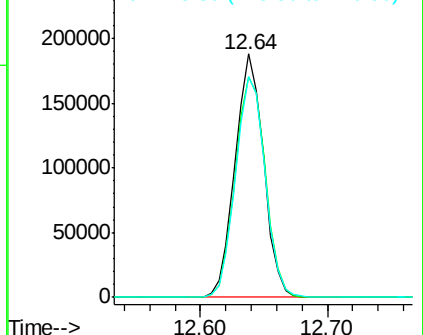
176 93.7 0.0 184.2



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: VD064679.D

Acq: 30 Dec 2019 15:38

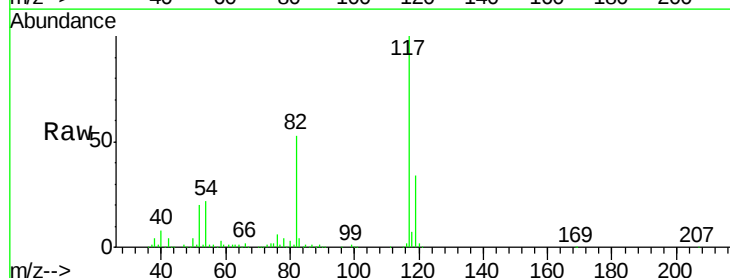
Tgt Ion: 117 Resp: 683518

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

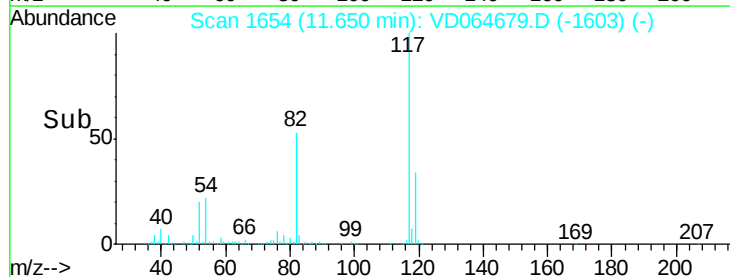
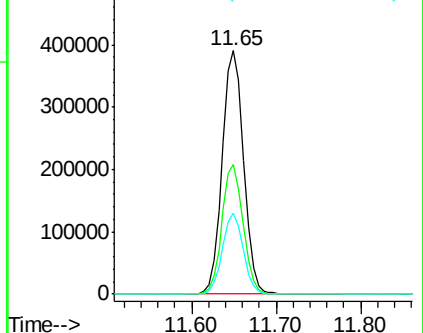
119 33.5 26.0 39.0

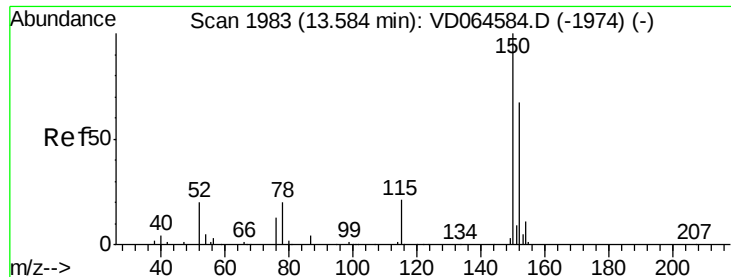


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064679.D

Acq: 30 Dec 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF014-01

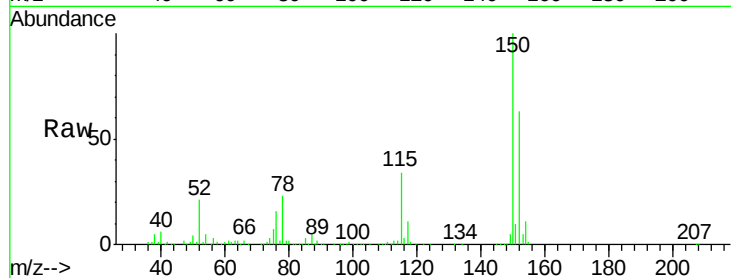
Tot Ion:152 Resp: 315319

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 156.6 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

