

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064629.D
 Acq On : 27 Dec 2019 06:51
 Operator : VA/SY
 Sample : K6439-09
 Misc : 3.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF006-01

Quant Time: Dec 27 08:01:28 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

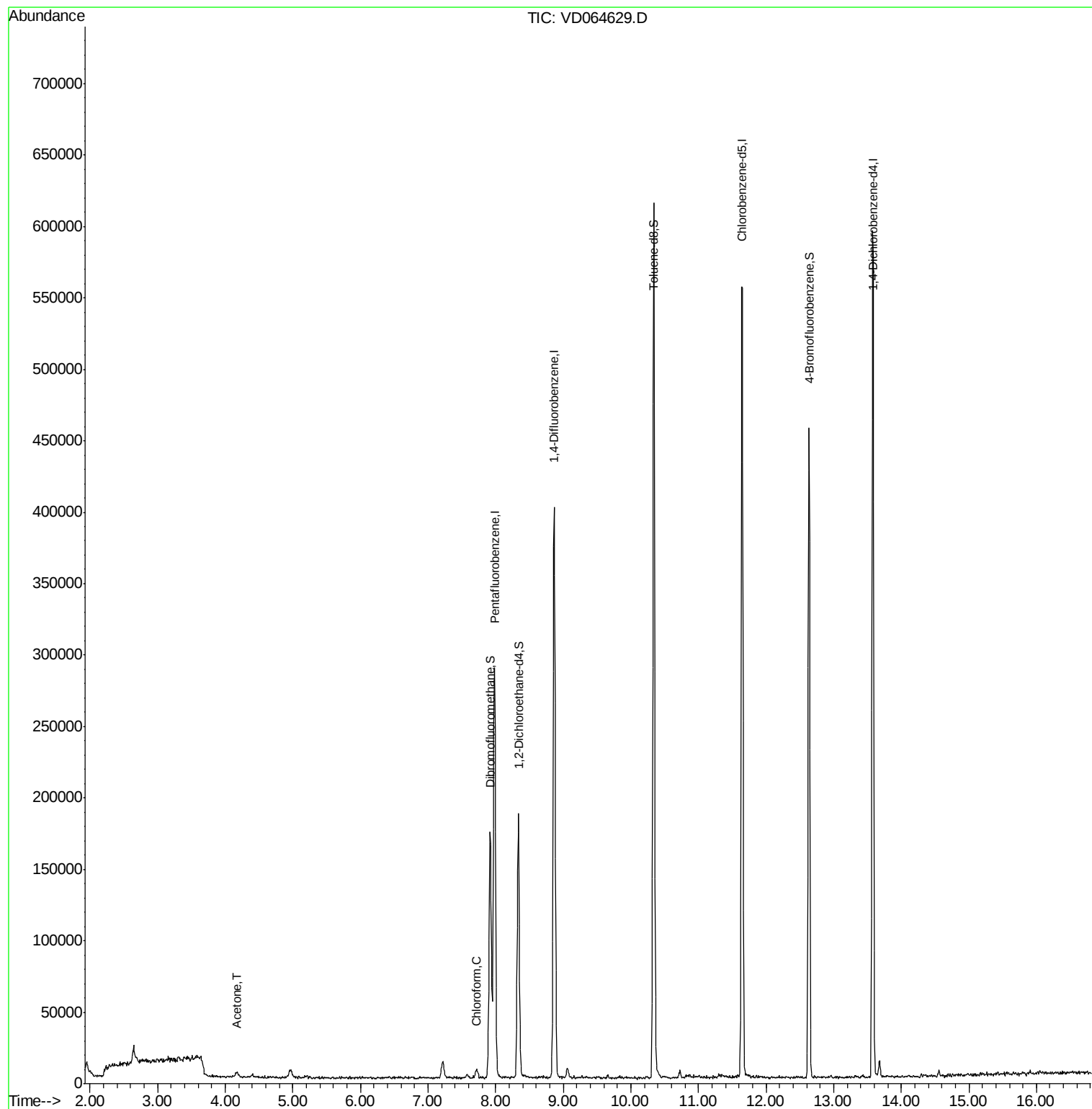
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	225954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	349632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	327916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	137802	69.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.32%	
35) Dibromofluoromethane	7.92	113	118216	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
50) Toluene-d8	10.34	98	415457	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.64	95	134431	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
16) Acetone	4.16	43	6619	18.121	ug/l	99
30) Chloroform	7.71	83	5270	1.353	ug/l #	75

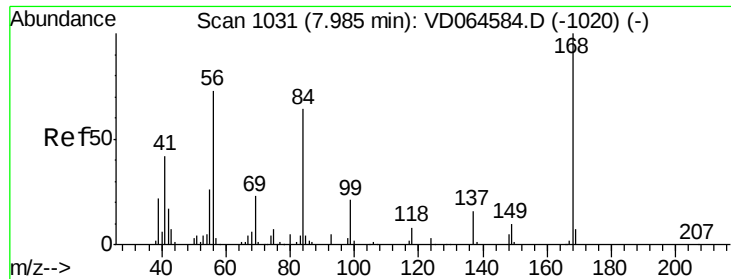
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064629.D

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MSVOA_D

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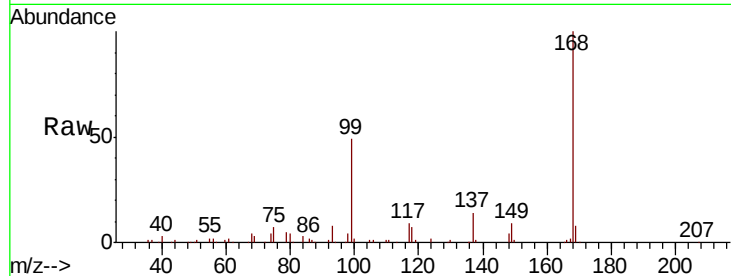
LIED-BF006-01

Tot Ion:168 Resp: 225954

Ion Ratio Lower Upper

168 100

99 49.5 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

120000

100000

80000

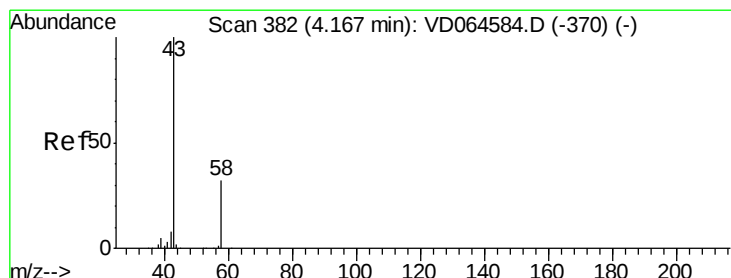
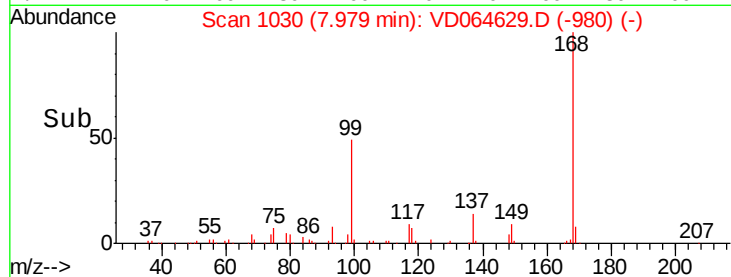
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 18.121 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064629.D

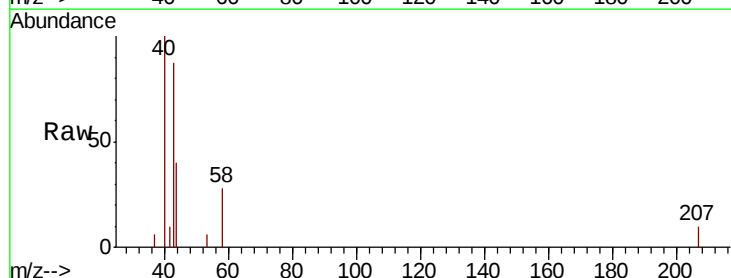
Acq: 27 Dec 2019 06:51

Tgt Ion: 43 Resp: 6619

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

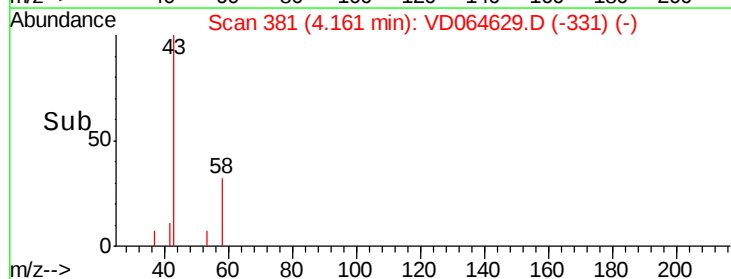
1500

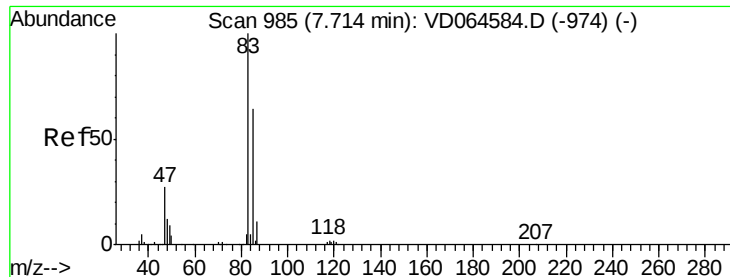
1000

500

0

Time-->

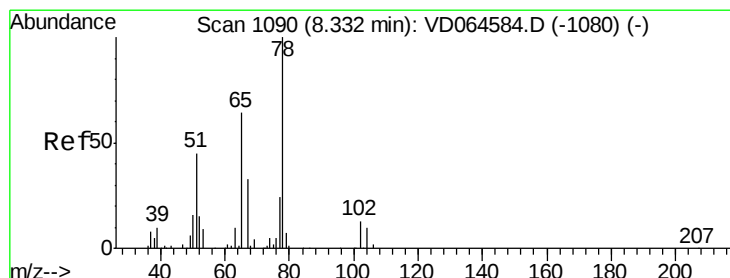
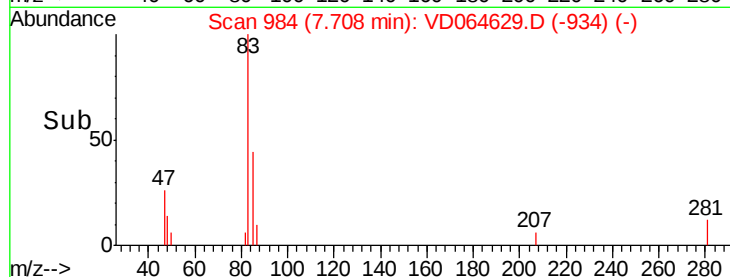
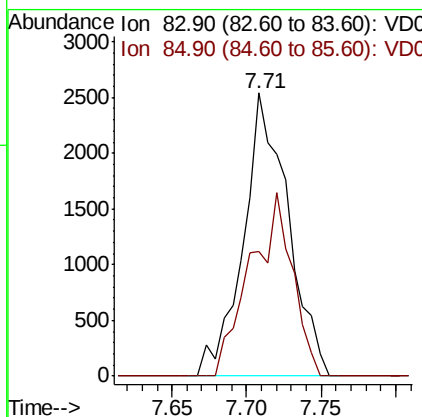
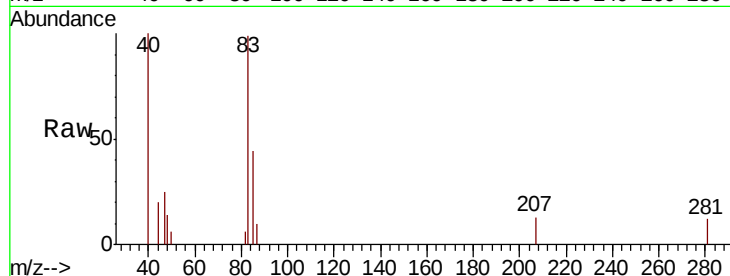




#30
Chloroform
Concen: 1.353 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

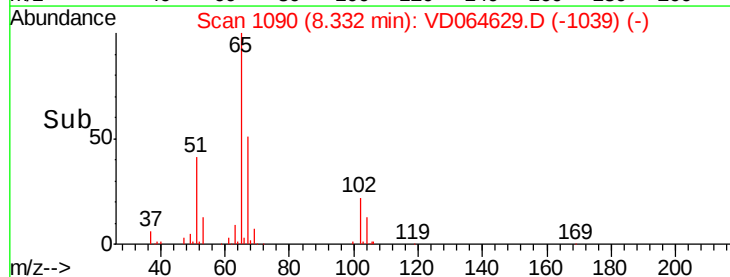
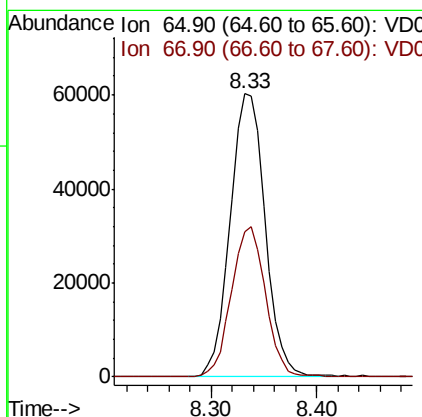
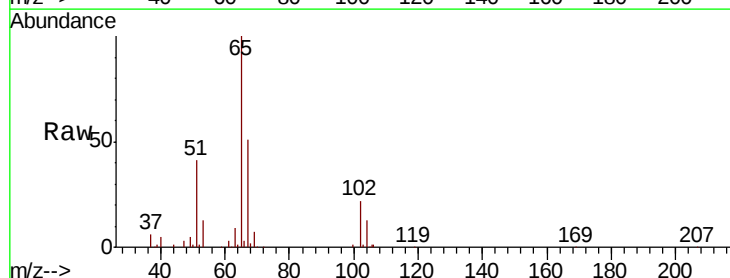
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

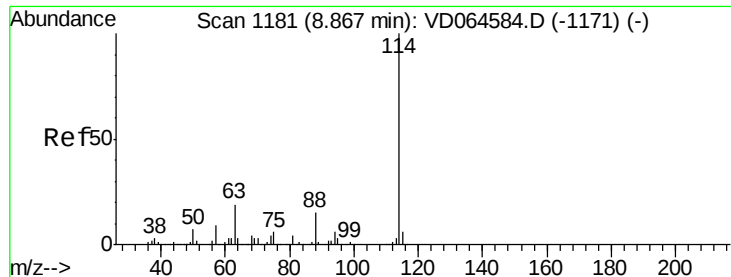
Tot Ion: 83 Resp: 5270
Ion Ratio Lower Upper
83 100
85 44.2 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 69.163 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion: 65 Resp: 137802
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

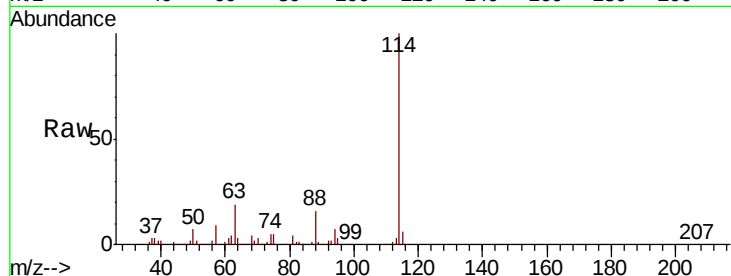




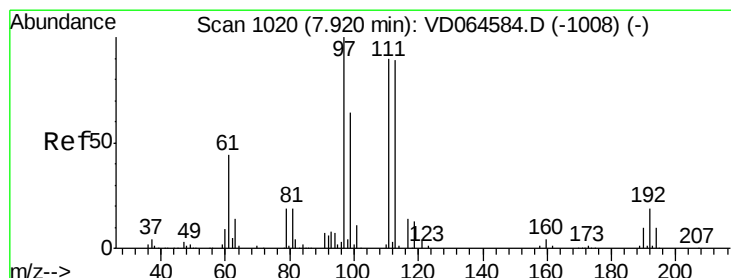
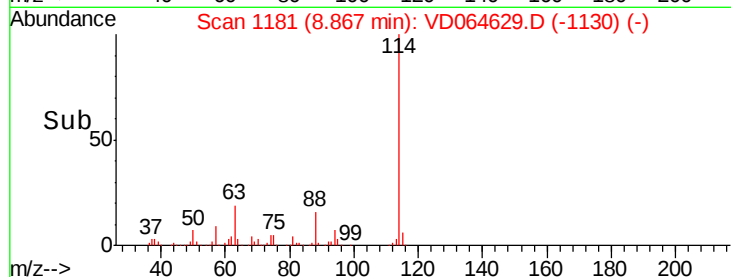
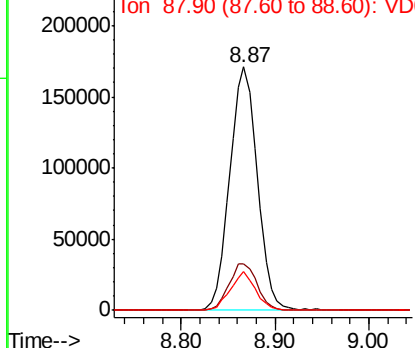
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064629.D
 Acq: 27 Dec 2019 06:51

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF006-01

Tot Ion:114 Resp: 349632
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 15.8 0.0 29.2

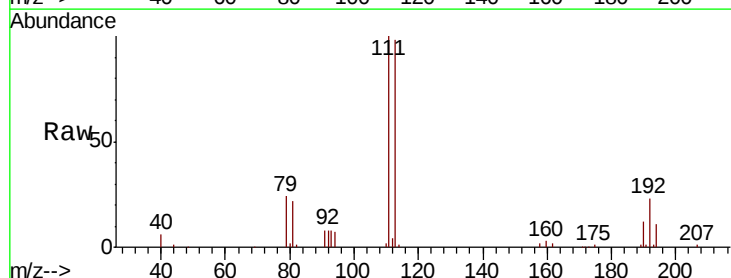


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

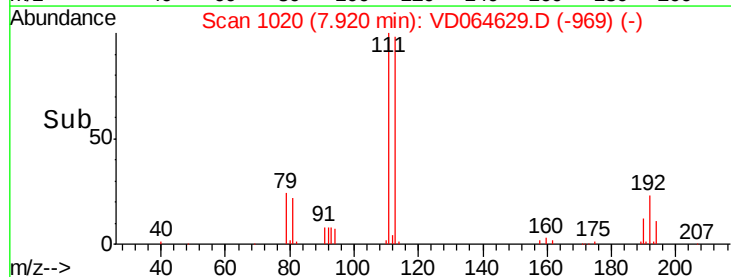
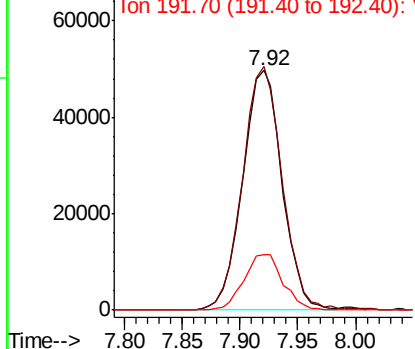


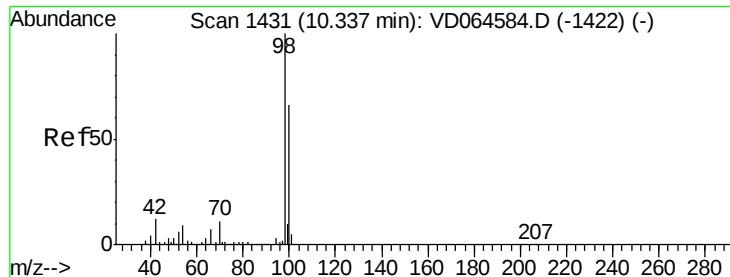
#35
 Dibromofluoromethane
 Concen: 55.111 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064629.D
 Acq: 27 Dec 2019 06:51

Tgt Ion:113 Resp: 118216
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.6 121.0
 192 22.9 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.571 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064629.D

Acq: 27 Dec 2019 06:51

Instrument :

MSVOA_D

ClientSampleId :

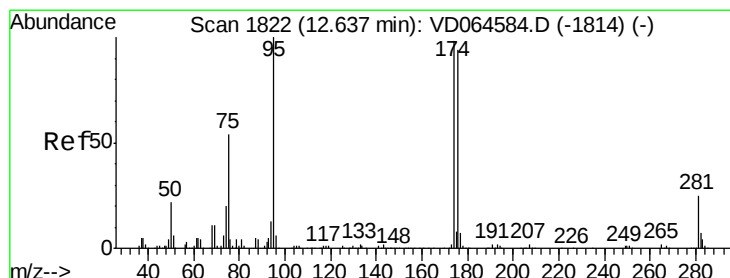
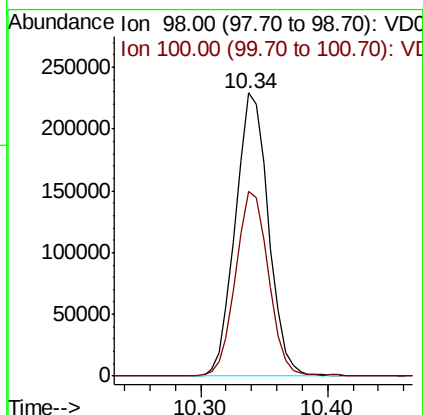
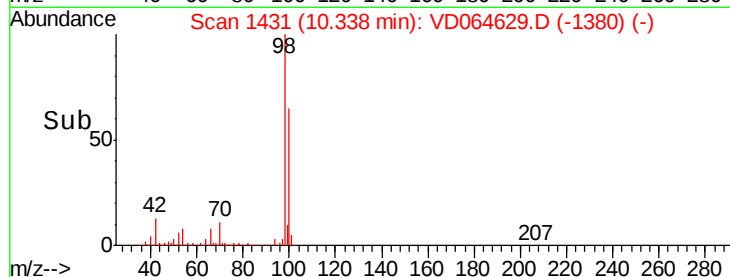
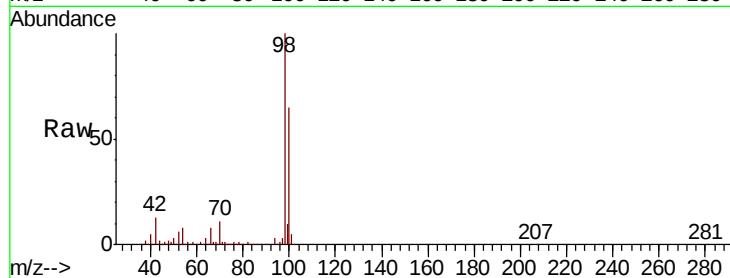
LIED-BF006-01

Tot Ion: 98 Resp: 415457

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.749 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064629.D

Acq: 27 Dec 2019 06:51

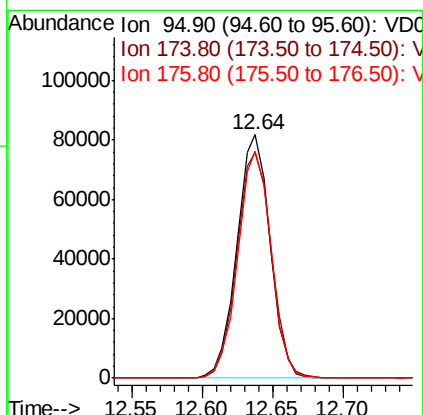
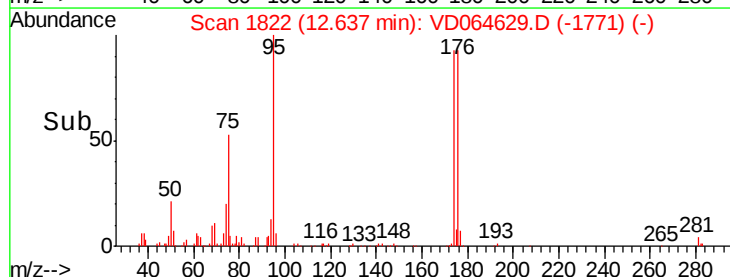
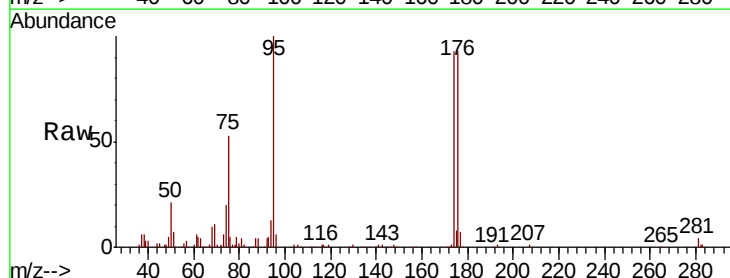
Tgt Ion: 95 Resp: 134431

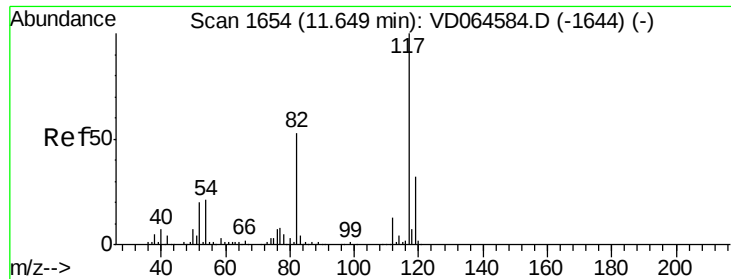
Ion Ratio Lower Upper

95 100

174 95.8 0.0 193.2

176 93.4 0.0 184.2

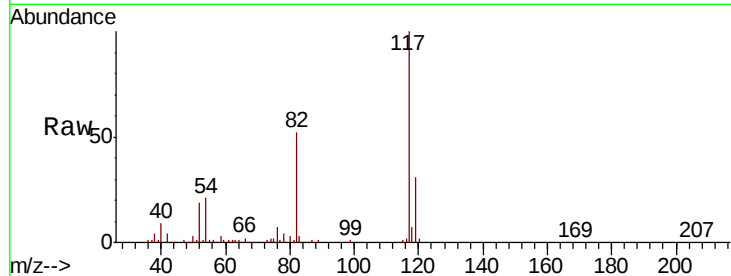




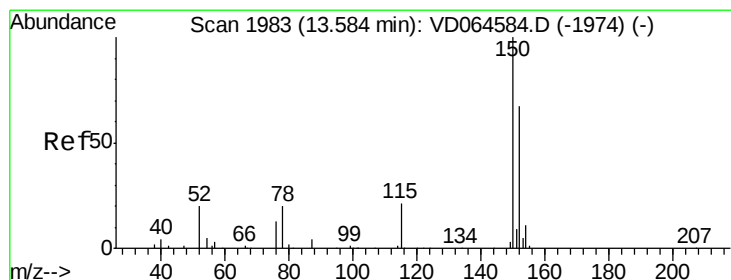
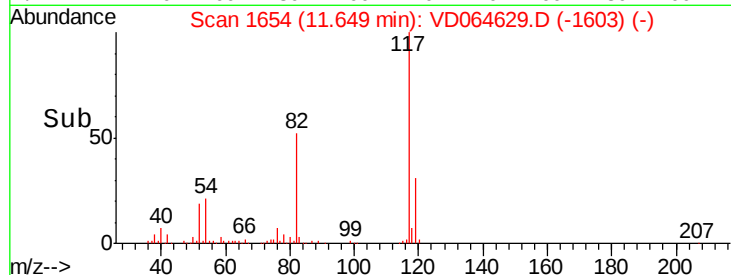
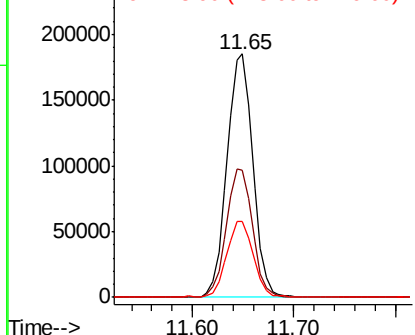
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF006-01

Tot Ion:117 Resp: 327916
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 31.0 26.0 39.0

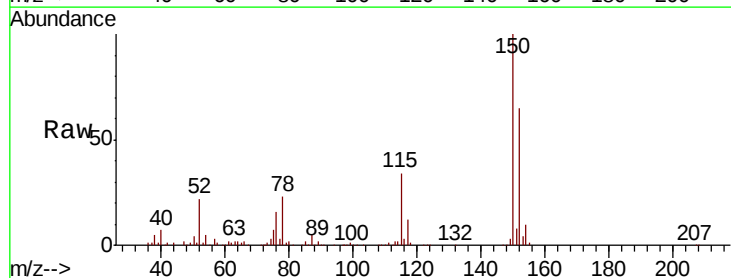


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064629.D
Acq: 27 Dec 2019 06:51

Tgt Ion:152 Resp: 159361
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 155.9 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

