

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064621.D
 Acq On : 27 Dec 2019 03:01
 Operator : VA/SY
 Sample : K6439-01
 Misc : 4.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF001-01

Quant Time: Dec 27 06:17:19 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

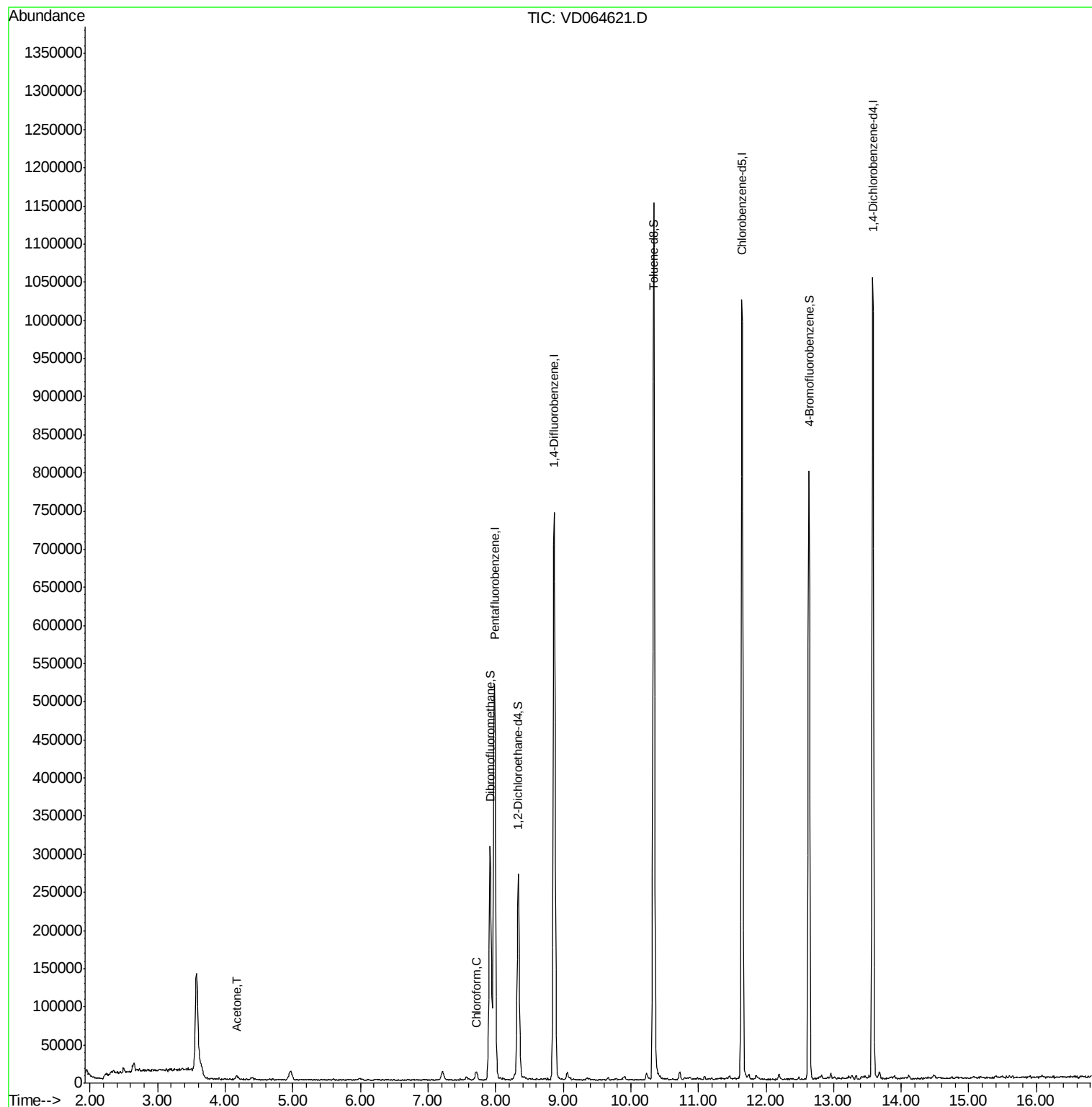
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	413400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	645832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	584663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	212626	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.92	113	208083	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	10.34	98	779846	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.64	95	247318	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	4.17	43	8961	14.483	ug/l	93
30) Chloroform	7.72	83	10234	1.437	ug/l	93

(#) = 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: VD064621.D

Acq: 27 Dec 2019 03:01

Instrument :

MSVOA_D

ClientSampleId :

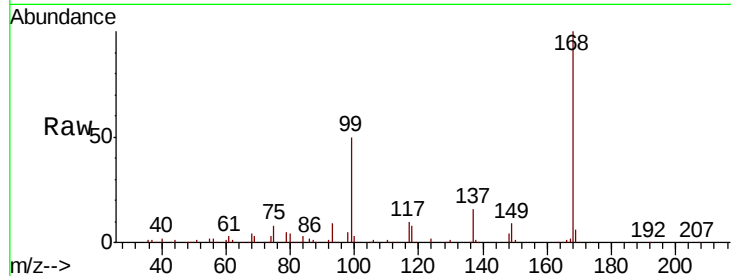
LIED-BF001-01

Tot Ion:168 Resp: 413400

Ion Ratio Lower Upper

168 100

99 49.9 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

200000

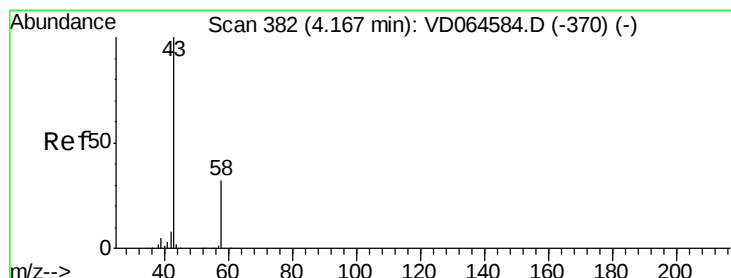
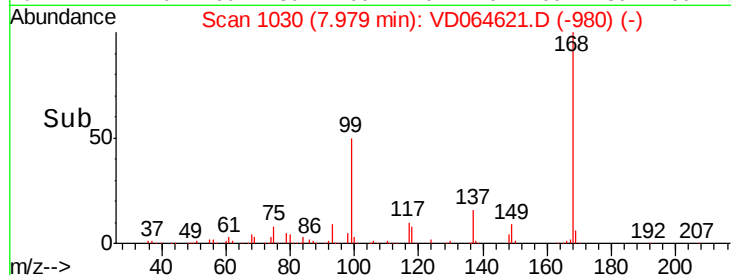
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.483 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064621.D

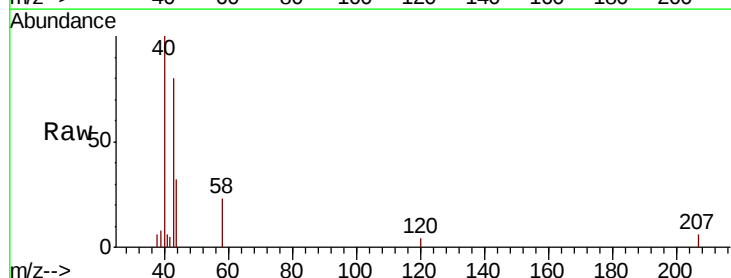
Acq: 27 Dec 2019 03:01

Tgt Ion: 43 Resp: 8961

Ion Ratio Lower Upper

43 100

58 28.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

3000

2500

2000

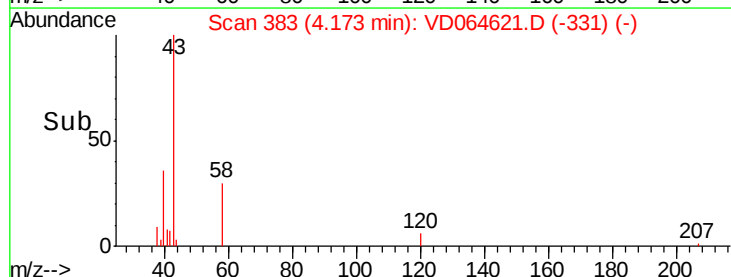
1500

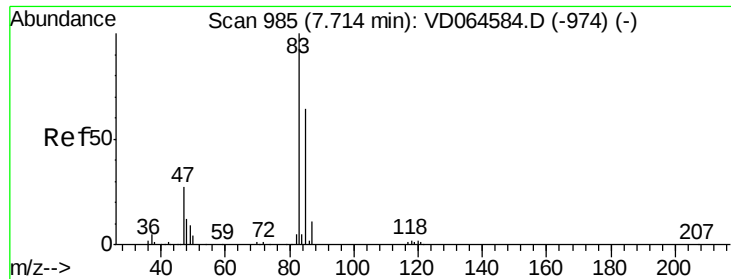
1000

500

0

Time-->

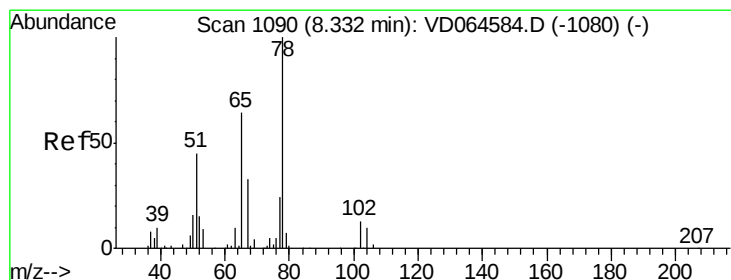
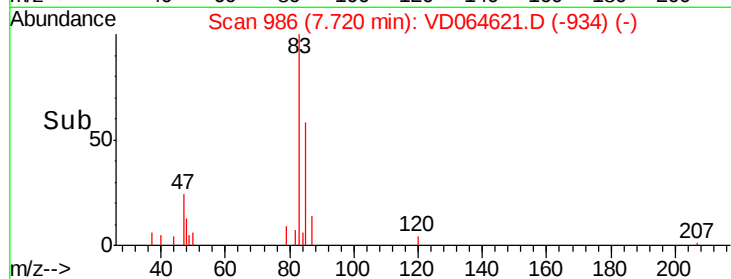
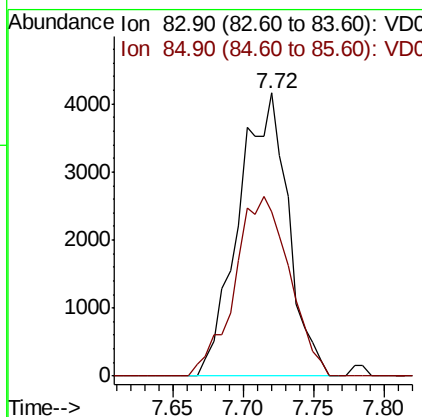
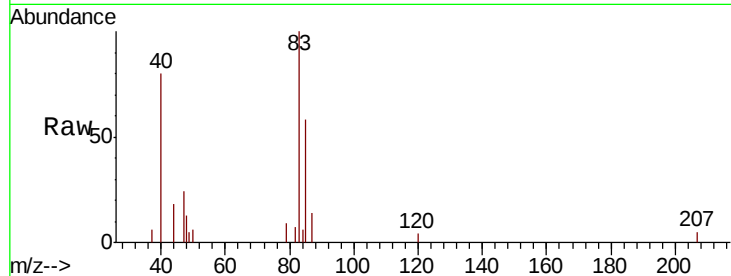




#30
Chloroform
Concen: 1.437 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

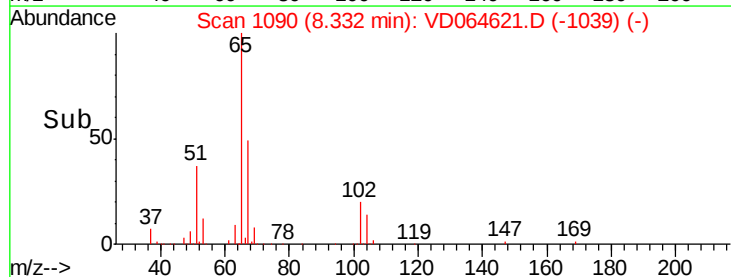
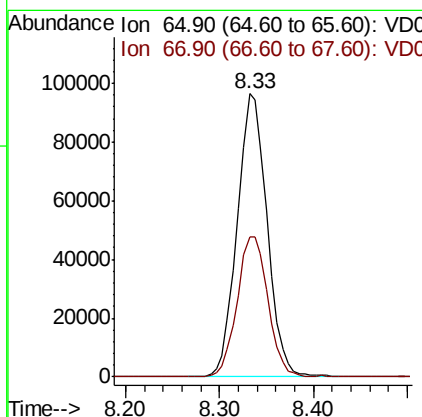
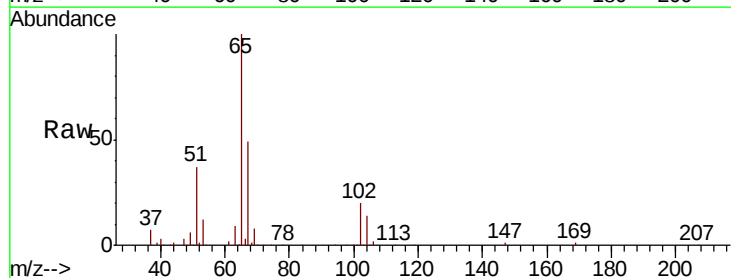
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

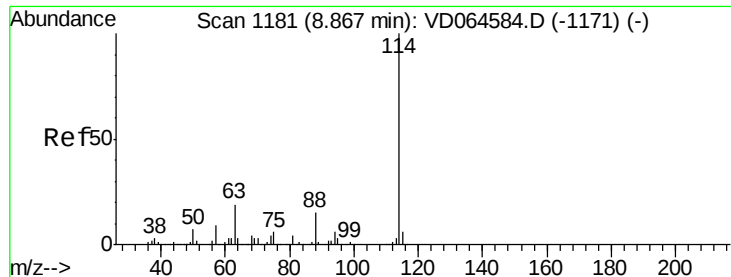
Tot Ion: 83 Resp: 10234
Ion Ratio Lower Upper
83 100
85 58.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 58.329 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 65 Resp: 212626
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

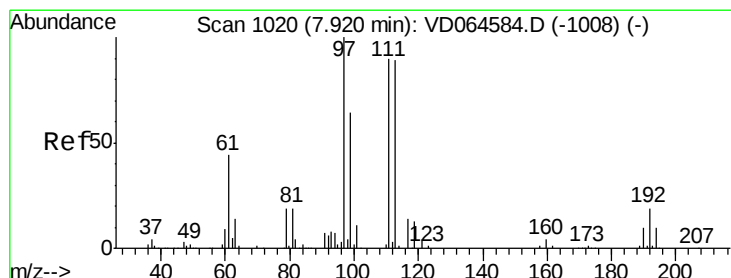
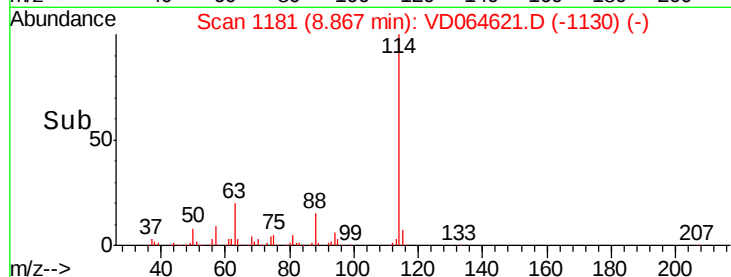
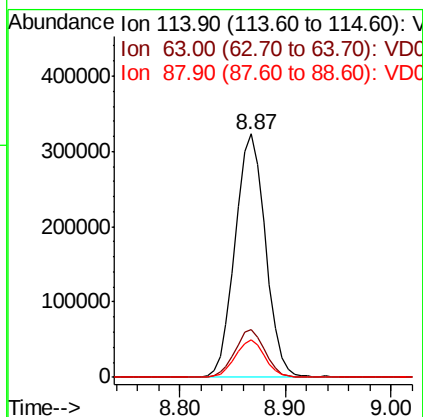
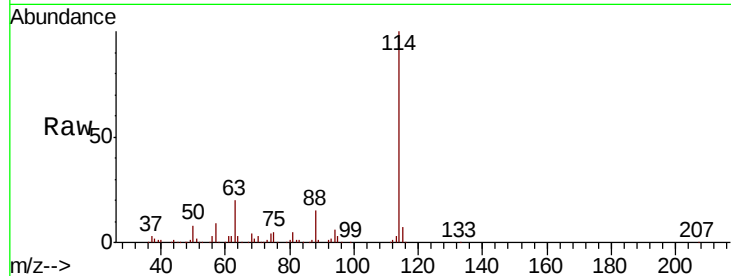




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064621.D
 Acq: 27 Dec 2019 03:01

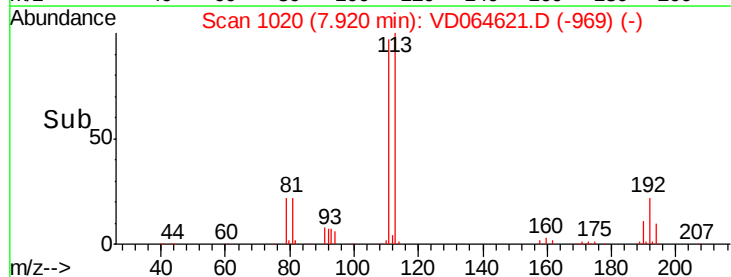
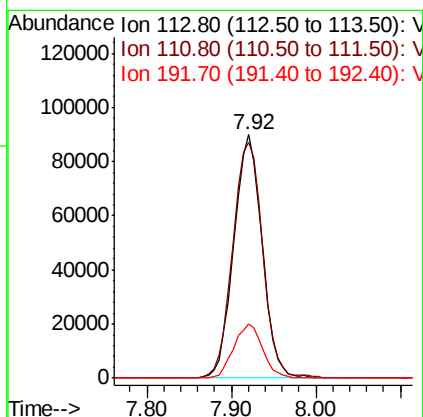
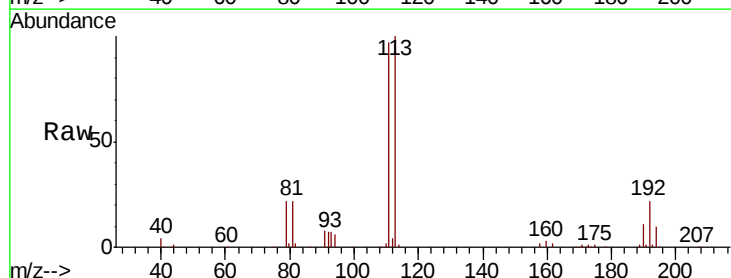
Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF001-01

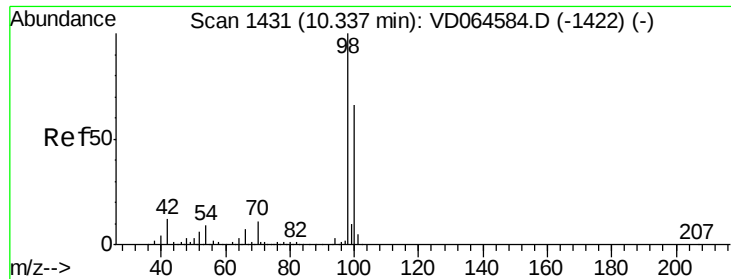
Tot Ion:114 Resp: 645832
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.2 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 52.516 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064621.D
 Acq: 27 Dec 2019 03:01

Tgt Ion:113 Resp: 208083
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.6 121.0
 192 22.6 17.9 26.9

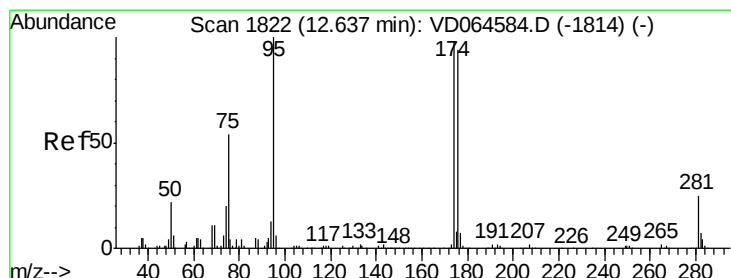
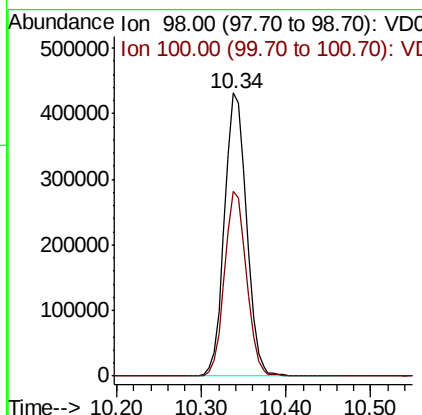
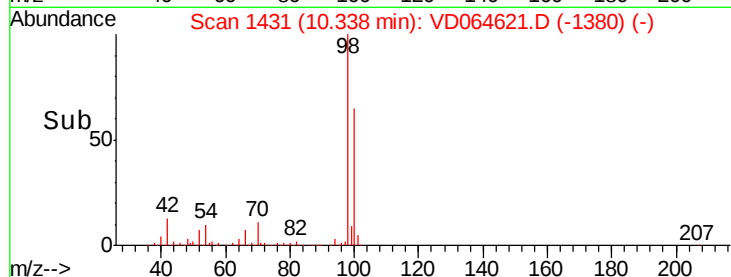
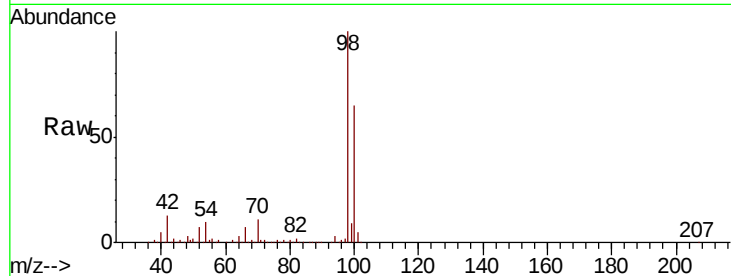




#50
Toluene-d8
Concen: 51.390 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

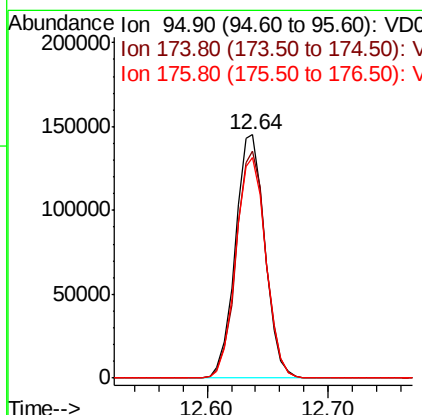
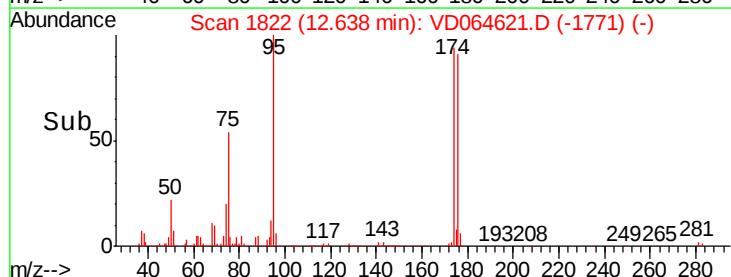
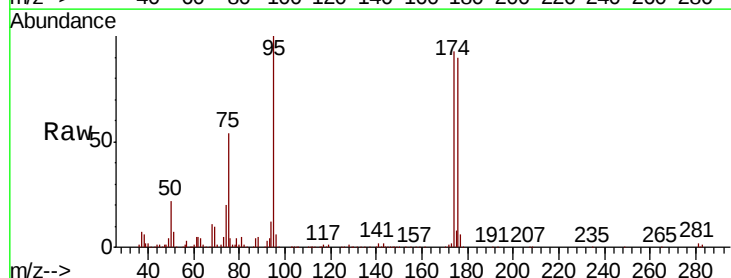
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

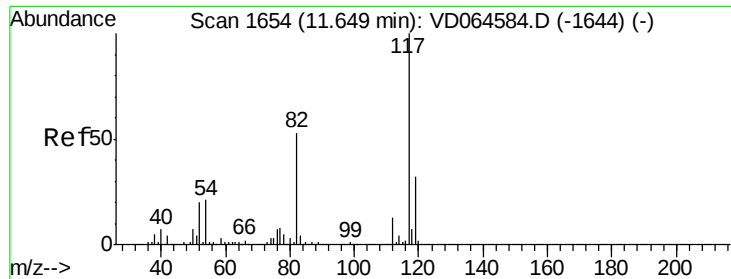
Tot Ion: 98 Resp: 779846
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion: 95 Resp: 247318
Ion Ratio Lower Upper
95 100
174 93.3 0.0 193.2
176 92.2 0.0 184.2

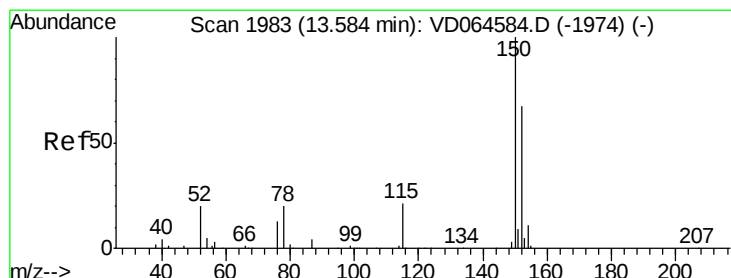
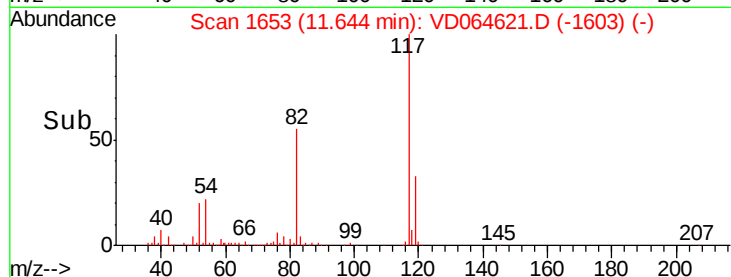
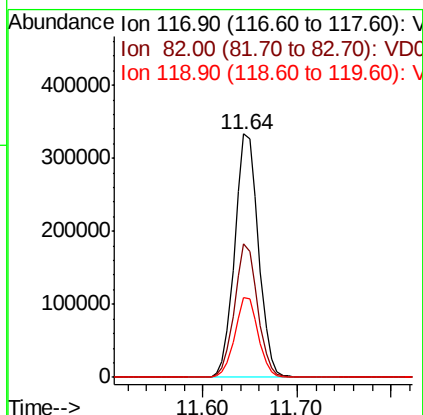
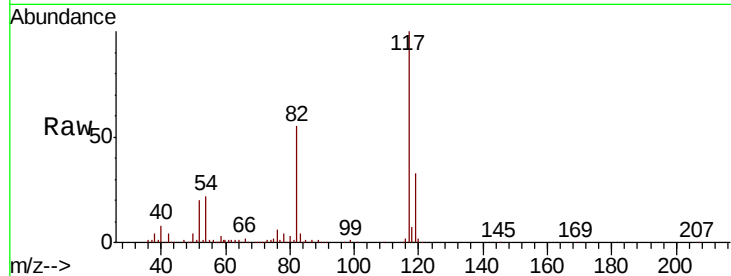




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF001-01

Tot Ion:117 Resp: 584663
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064621.D
Acq: 27 Dec 2019 03:01

Tgt Ion:152 Resp: 286918
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 153.8 0.0 351.4

