

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064628.D
 Acq On : 27 Dec 2019 06:22
 Operator : VA/SY
 Sample : K6439-08
 Misc : 4.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF005-01

Quant Time: Dec 27 07:59:21 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

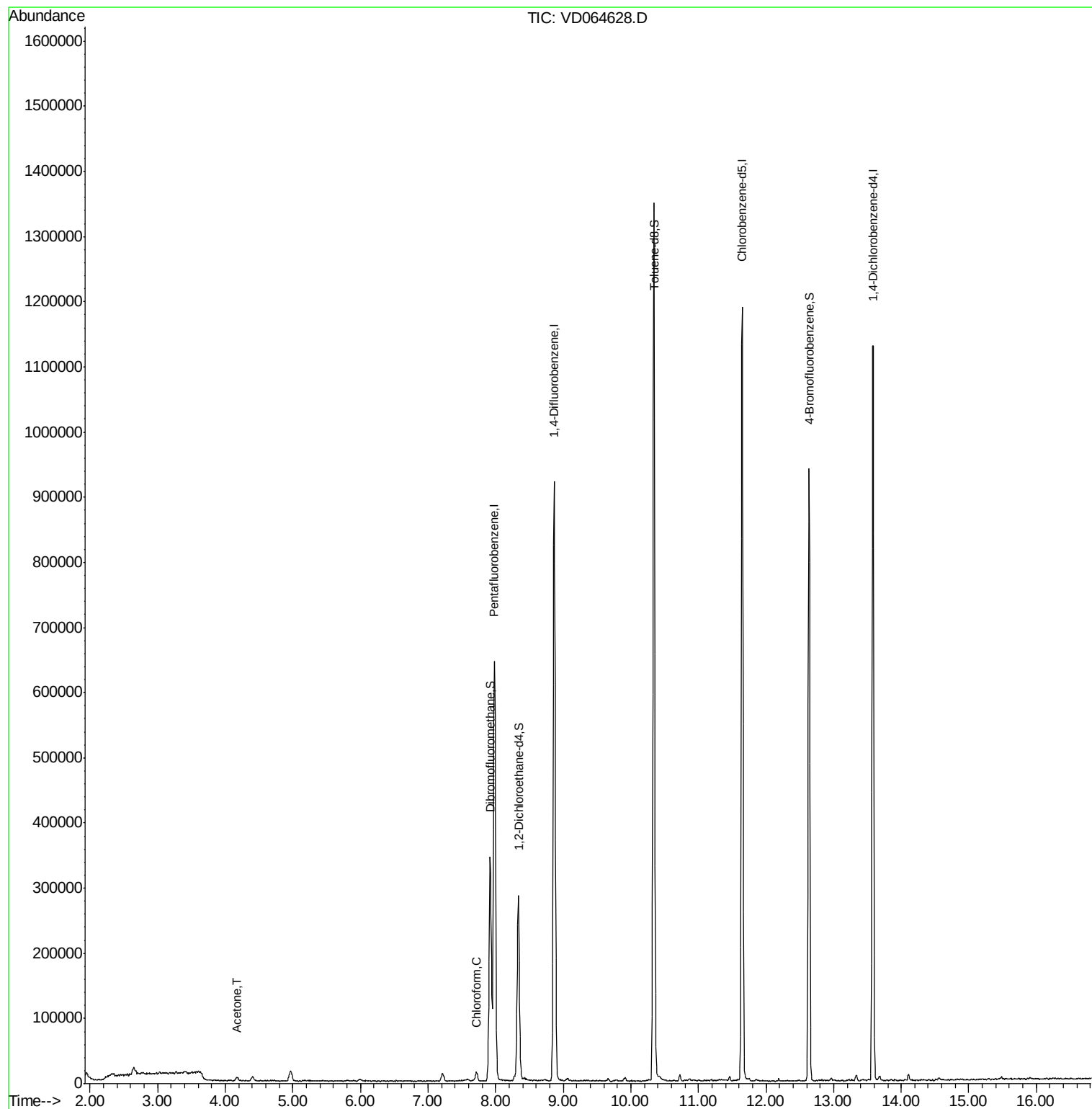
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	511412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	779853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	228277	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	7.92	113	235952	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.34	98	928468	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	278347	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
16) Acetone	4.17	43	8970	12.513	ug/l #	79
30) Chloroform	7.72	83	12518	1.420	ug/l #	83

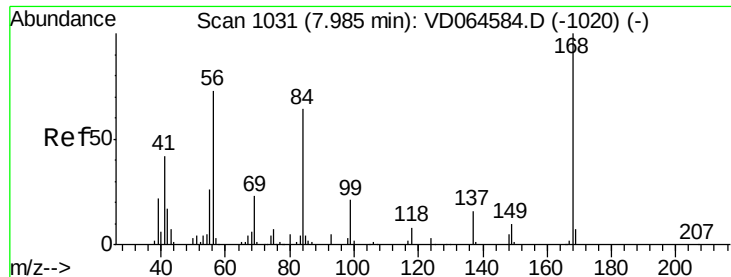
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064628.D

Acq: 27 Dec 2019 06:22

Instrument :

MSVOA_D

ClientSampleId :

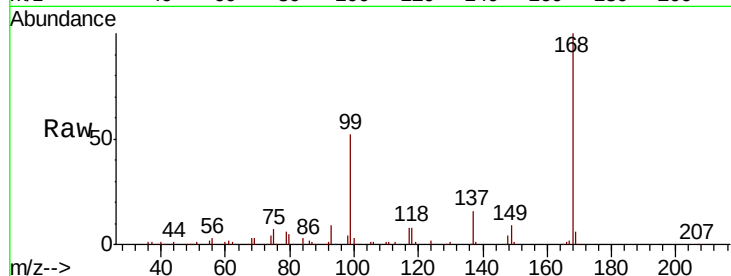
LIED-BF005-01

Tot Ion:168 Resp: 511412

Ion Ratio Lower Upper

168 100

99 52.0 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

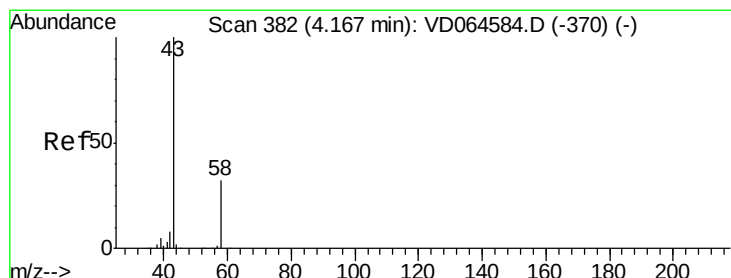
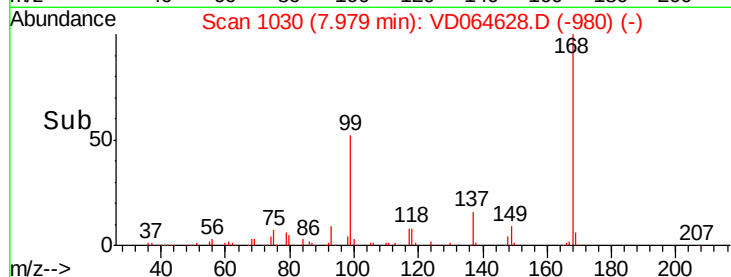
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.513 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064628.D

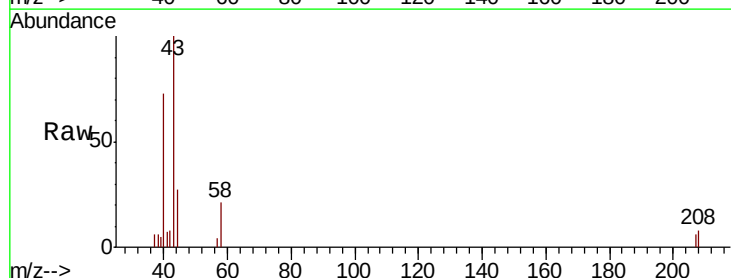
Acq: 27 Dec 2019 06:22

Tgt Ion: 43 Resp: 8970

Ion Ratio Lower Upper

43 100

58 20.6 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

4000

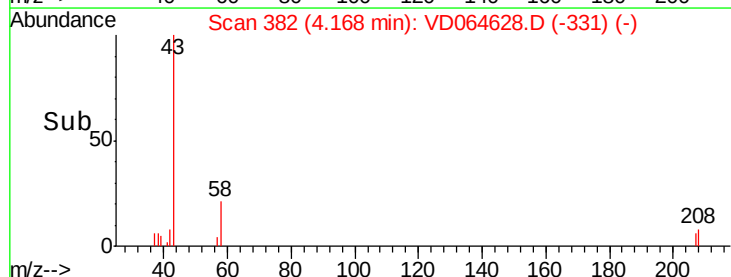
3000

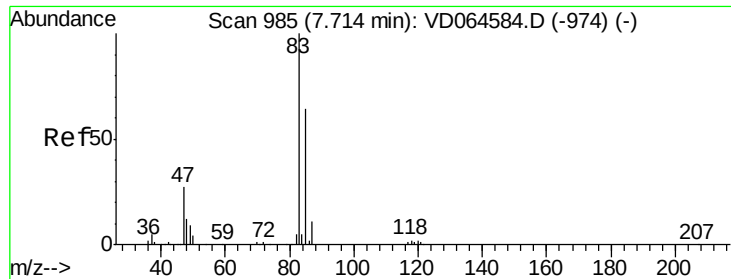
2000

1000

0

Time-->

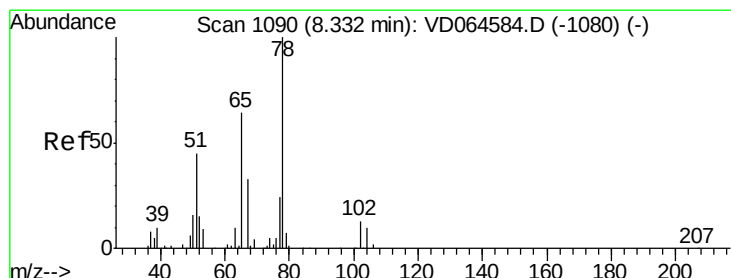
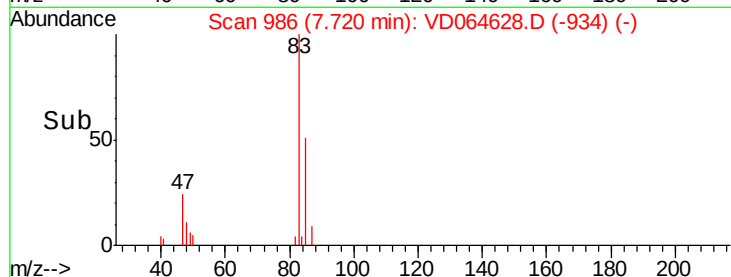
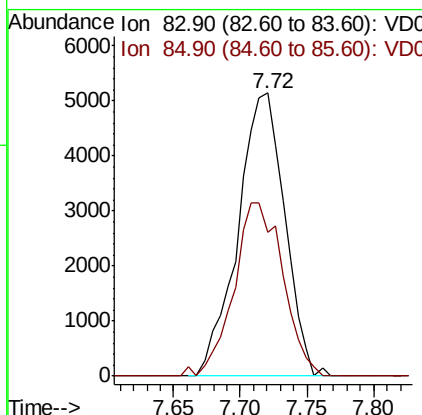
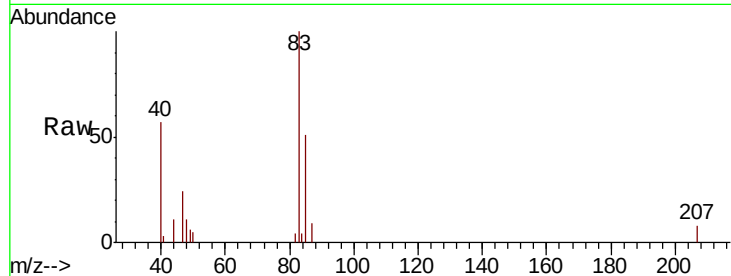




#30
Chloroform
Concen: 1.420 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

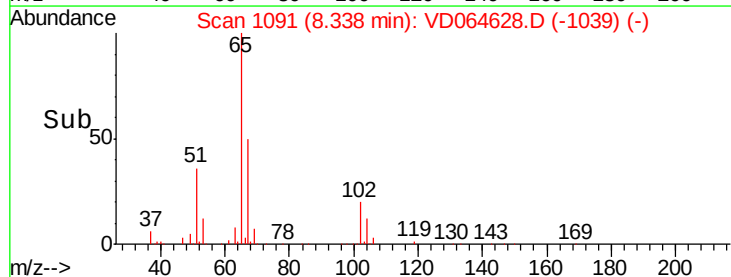
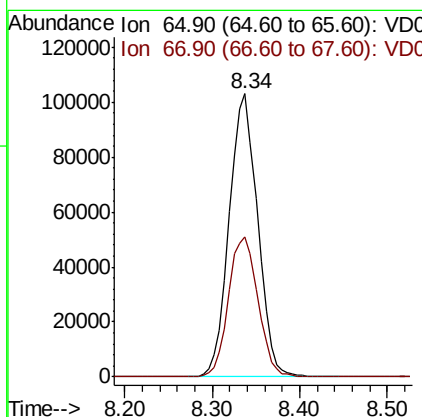
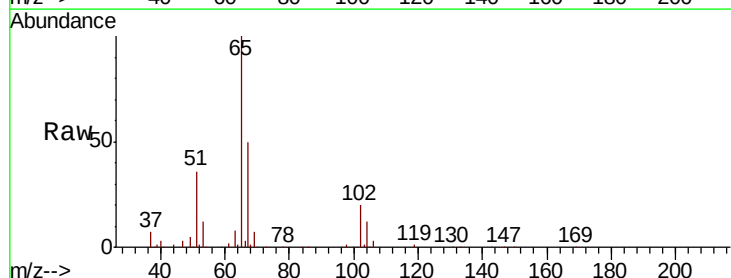
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF005-01

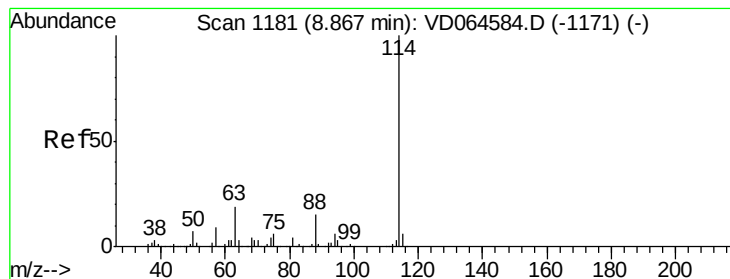
Tot Ion: 83 Resp: 12518
Ion Ratio Lower Upper
83 100
85 50.6 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 50.621 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

Tgt Ion: 65 Resp: 228277
Ion Ratio Lower Upper
65 100
67 51.2 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: VD064628.D

Acq: 27 Dec 2019 06:22

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF005-01

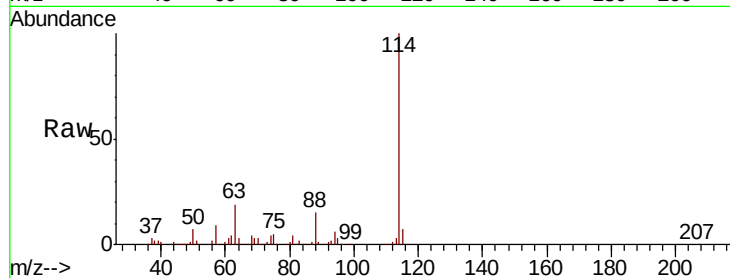
Tot Ion:114 Resp: 779853

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

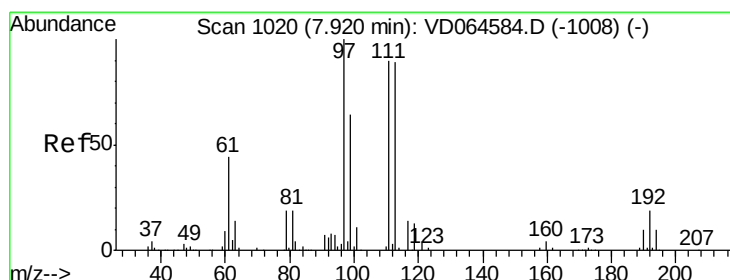
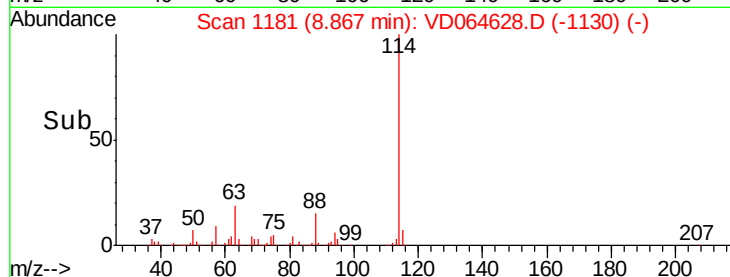
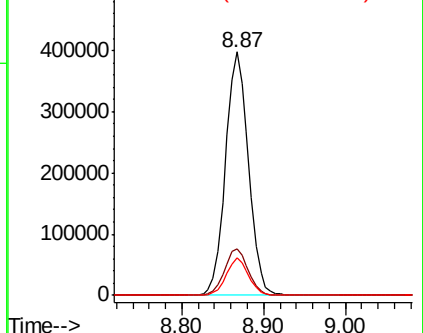
88 15.4 0.0 29.2



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: 49.316 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064628.D

Acq: 27 Dec 2019 06:22

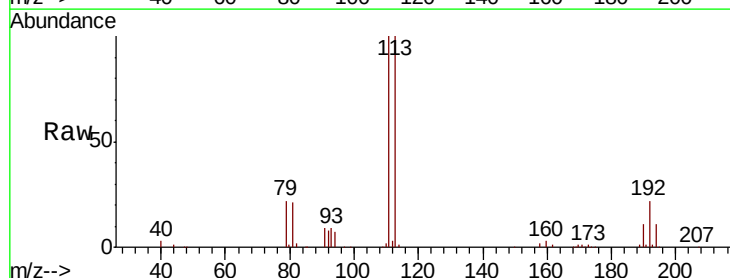
Tgt Ion:113 Resp: 235952

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

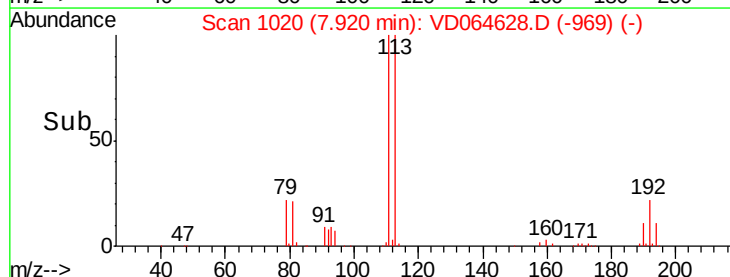
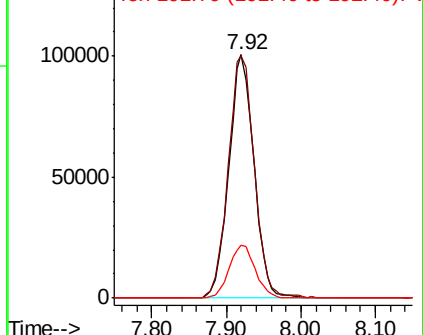
192 22.4 17.9 26.9

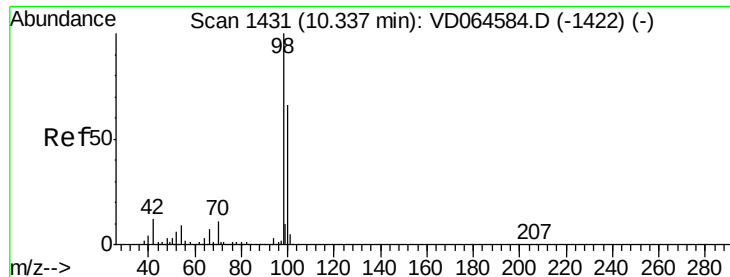


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

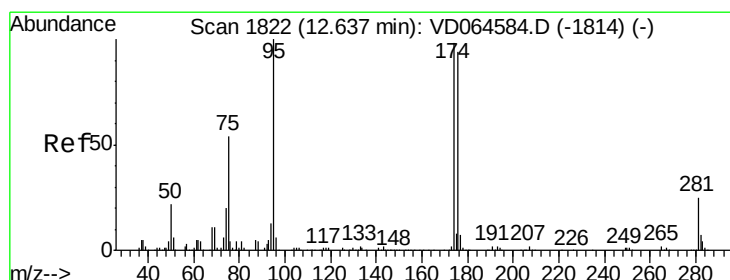
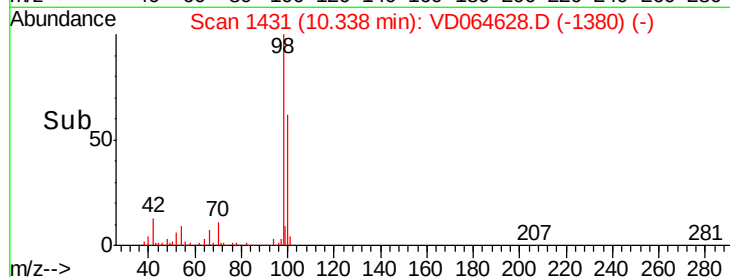
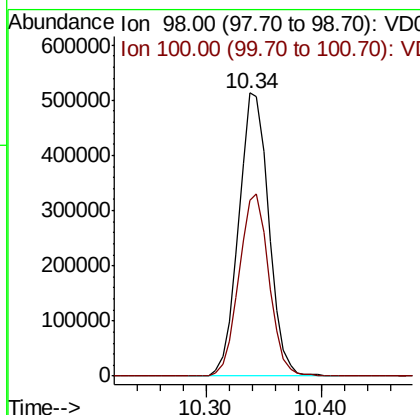
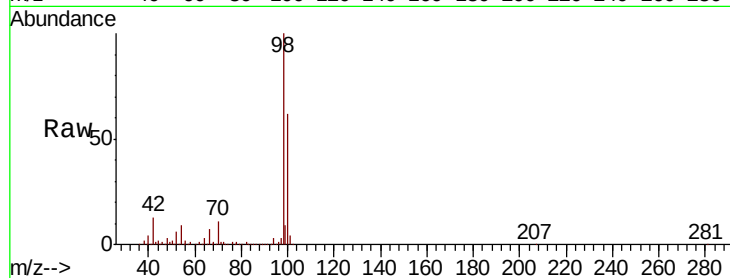




#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

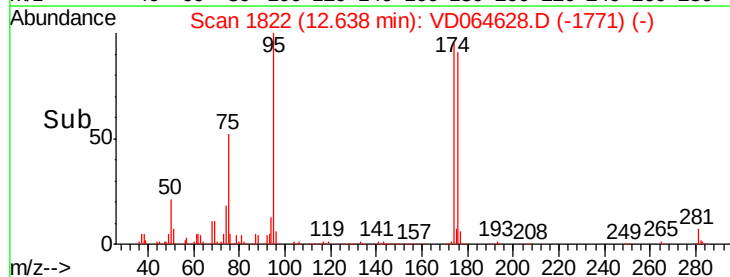
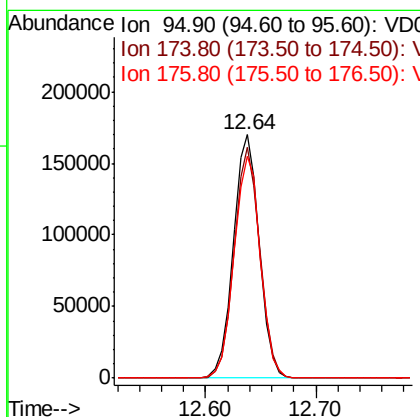
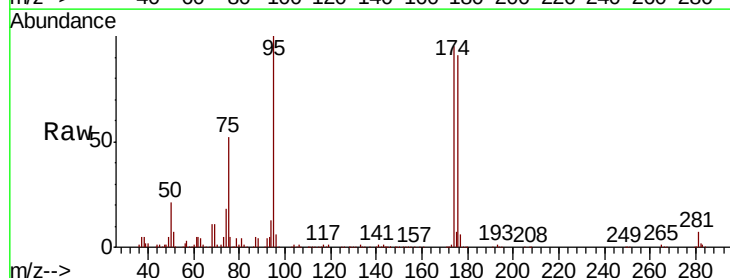
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF005-01

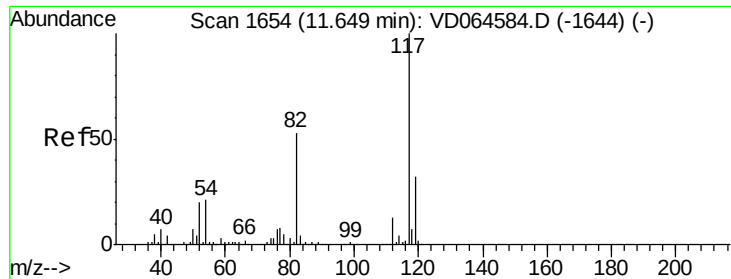
Tot Ion: 98 Resp: 928468
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

Tgt Ion: 95 Resp: 278347
Ion Ratio Lower Upper
95 100
174 94.6 0.0 193.2
176 92.7 0.0 184.2

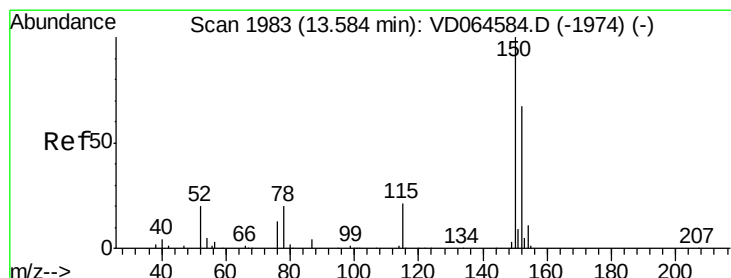
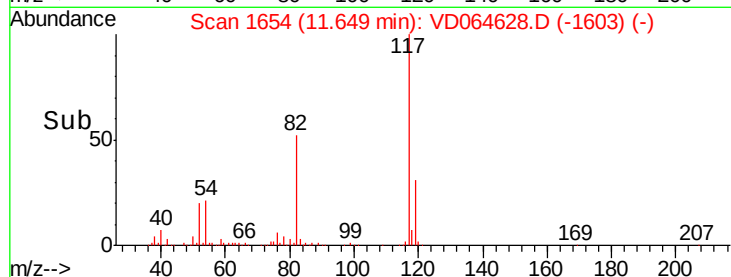
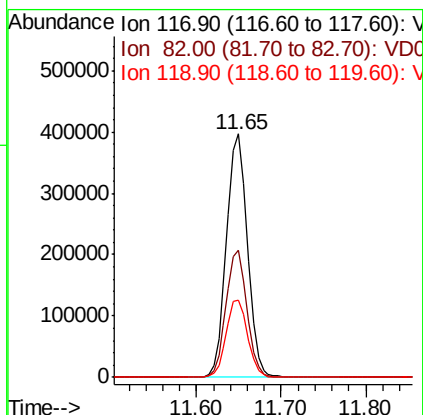
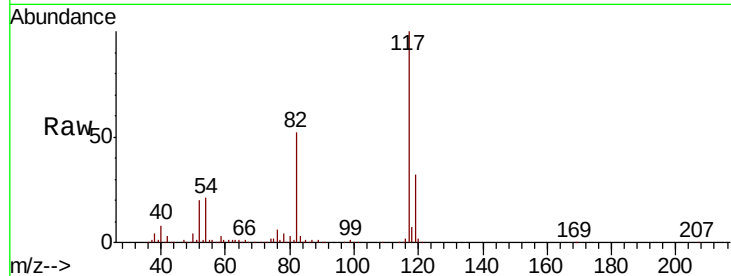




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF005-01

Tot Ion:117 Resp: 678806
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064628.D
Acq: 27 Dec 2019 06:22

Tgt Ion:152 Resp: 310627
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 157.2 0.0 351.4

