

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064627.D
 Acq On : 27 Dec 2019 05:53
 Operator : VA/SY
 Sample : K6439-07
 Misc : 4.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF004-01

Quant Time: Dec 27 06:24:59 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

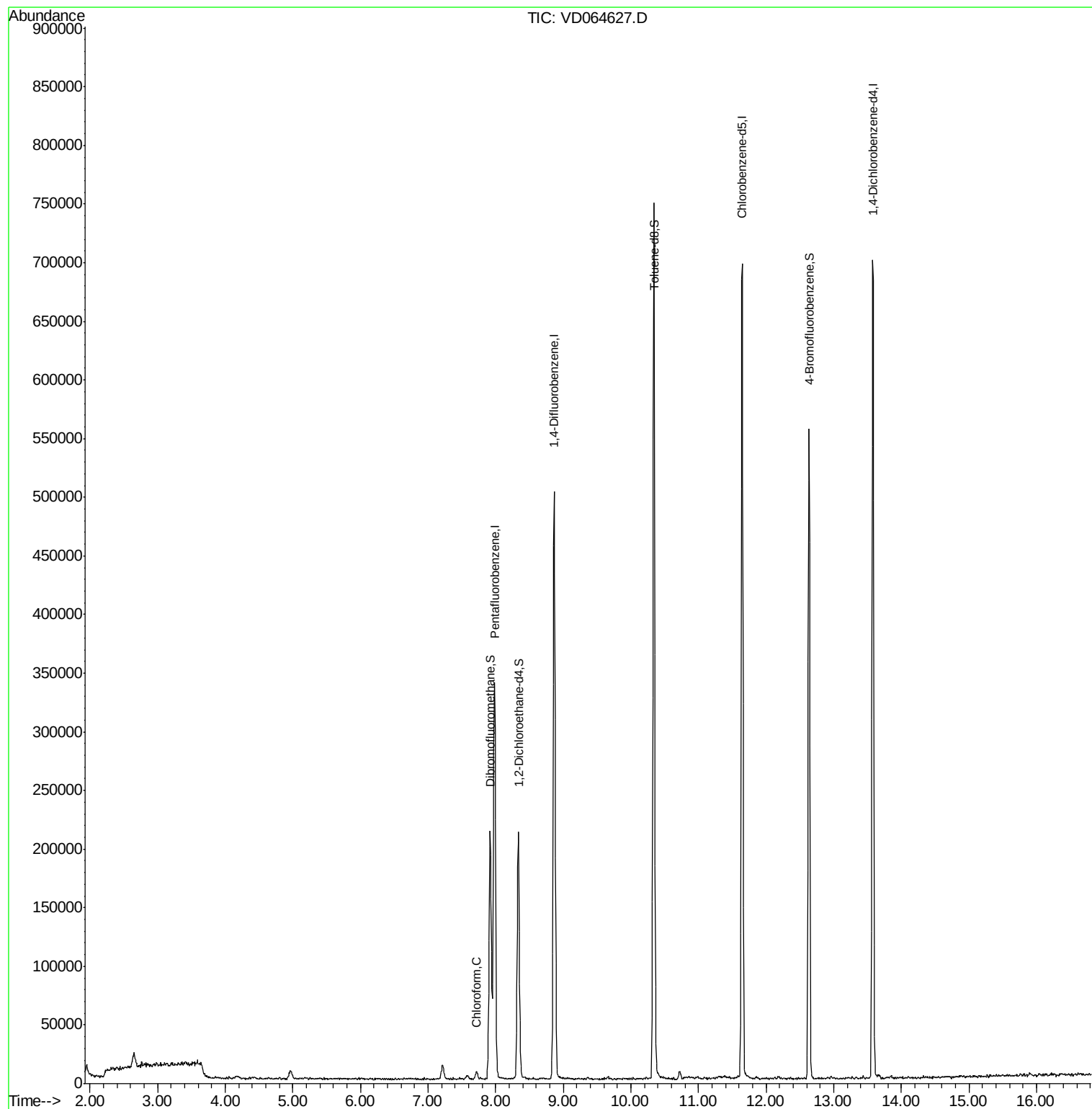
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	273652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	419469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	399648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	166729	69.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.20%	
35) Dibromofluoromethane	7.92	113	144107	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
50) Toluene-d8	10.34	98	504443	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.64	95	169521	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
Target Compounds						
30) Chloroform	7.71	83	6150	1.304	ug/l	Qvalue 98

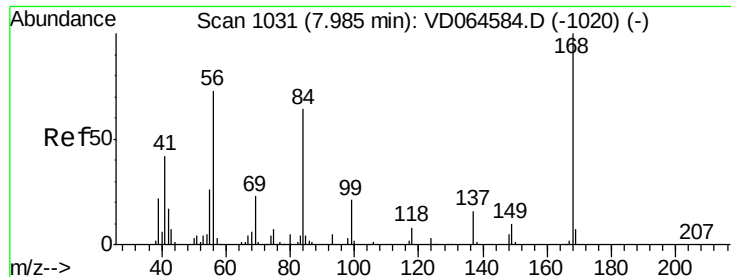
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064627.D

Acq: 27 Dec 2019 05:53

Instrument :

MSVOA_D

ClientSampleId :

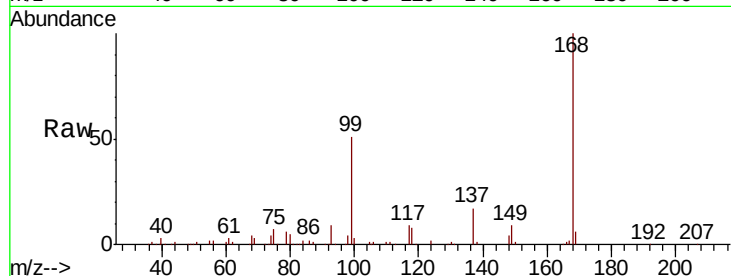
LIED-BF004-01

Tot Ion:168 Resp: 273652

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

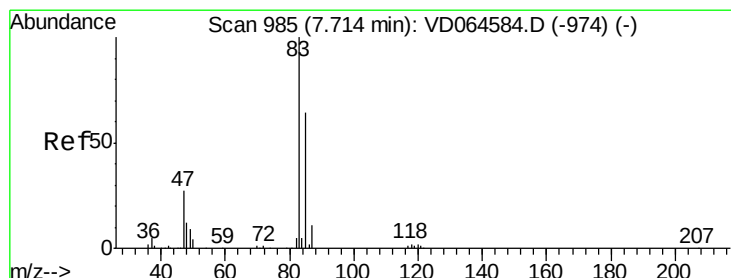
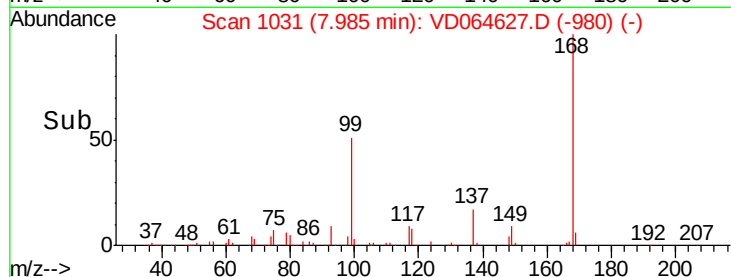
7.98

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.304 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064627.D

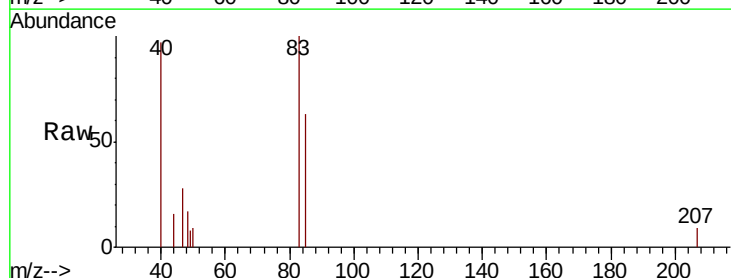
Acq: 27 Dec 2019 05:53

Tgt Ion: 83 Resp: 6150

Ion Ratio Lower Upper

83 100

85 62.6 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

3000

2500

2000

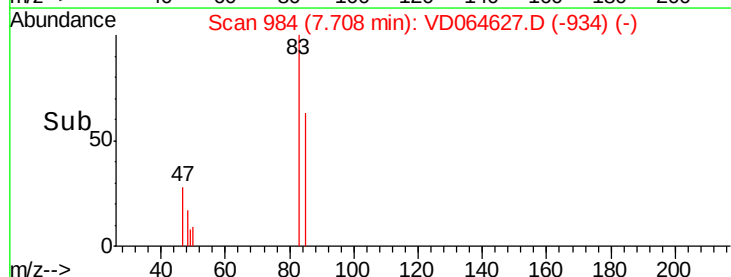
1500

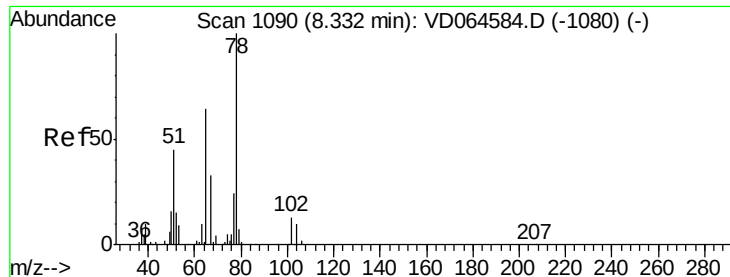
1000

500

0

Time-->

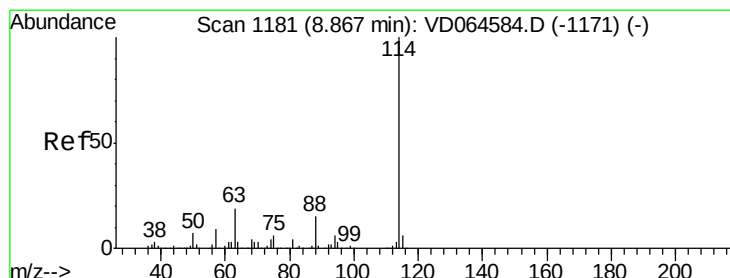
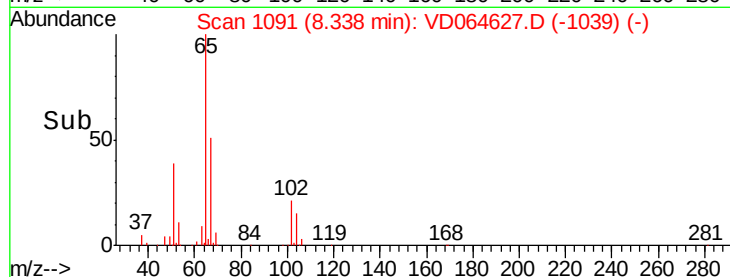
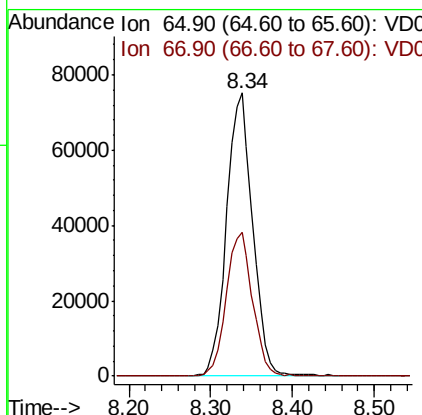
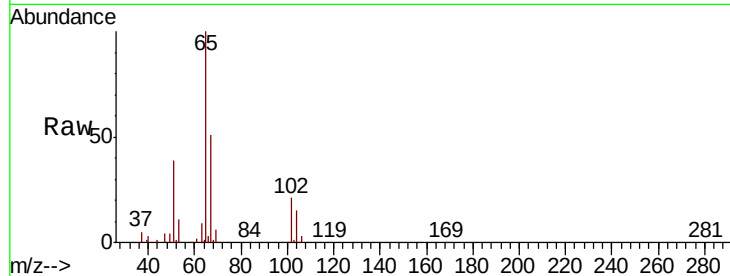




#33
 1,2-Dichloroethane-d4
 Concen: 69.095 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064627.D
 Acq: 27 Dec 2019 05:53

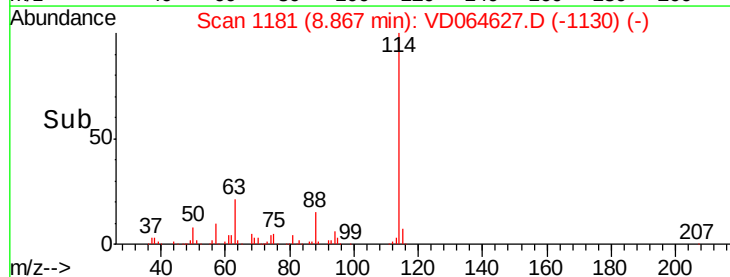
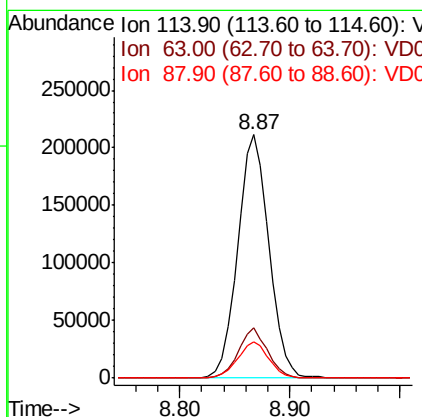
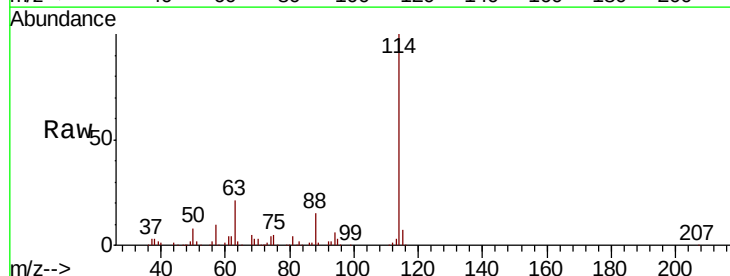
Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF004-01

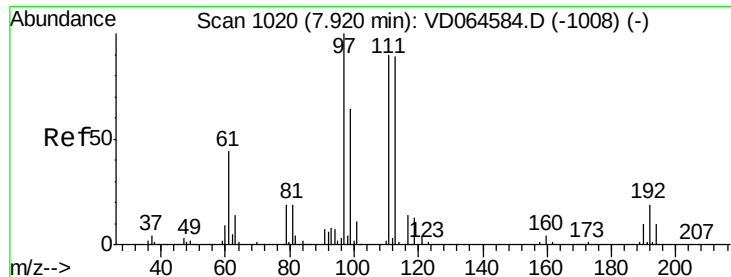
Tot Ion: 65 Resp: 166729
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064627.D
 Acq: 27 Dec 2019 05:53

Tgt Ion: 114 Resp: 419469
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.0
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 55.996 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064627.D

Acq: 27 Dec 2019 05:53

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF004-01

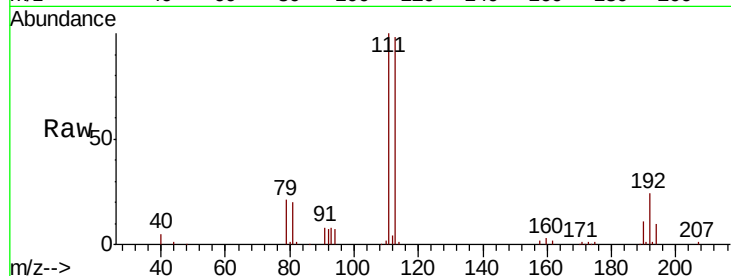
Tot Ion:113 Resp: 144107

Ion Ratio Lower Upper

113 100

111 101.9 80.6 121.0

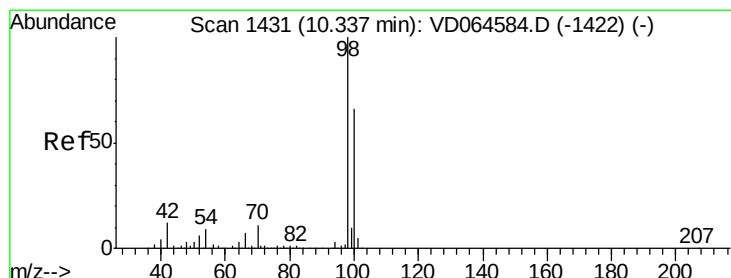
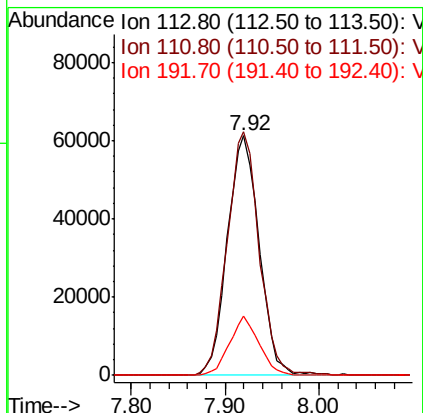
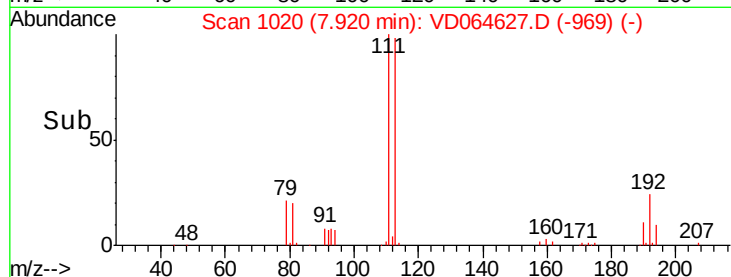
192 22.6 17.9 26.9



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: 51.180 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064627.D

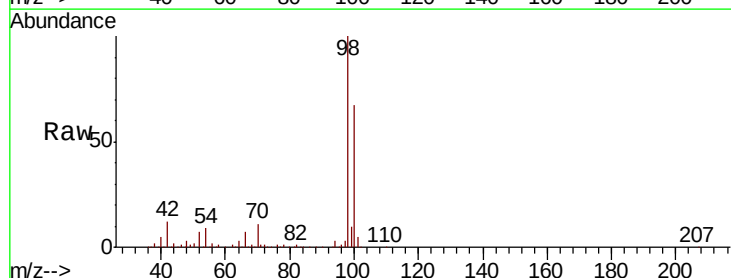
Acq: 27 Dec 2019 05:53

Tgt Ion: 98 Resp: 504443

Ion Ratio Lower Upper

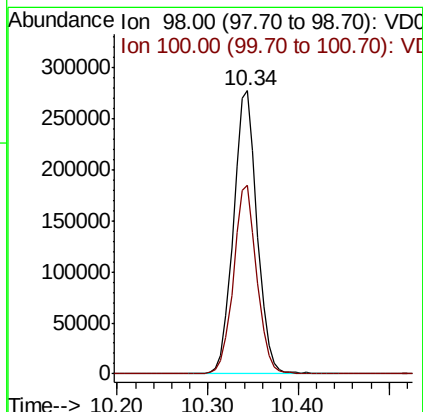
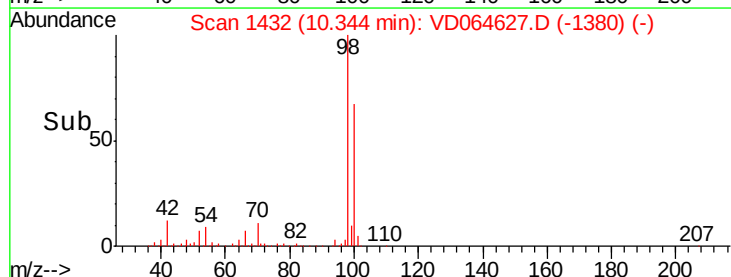
98 100

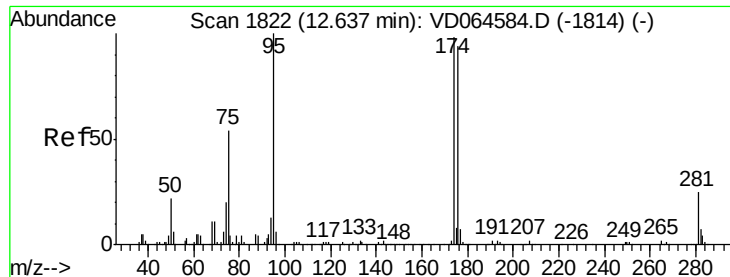
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

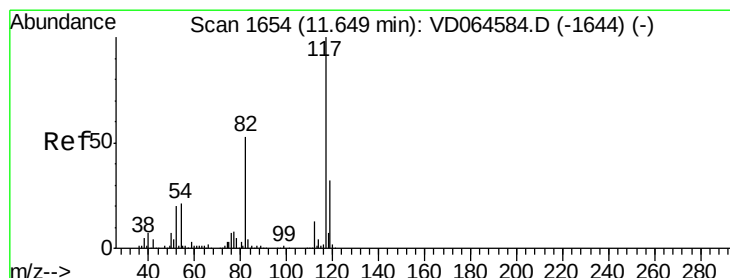
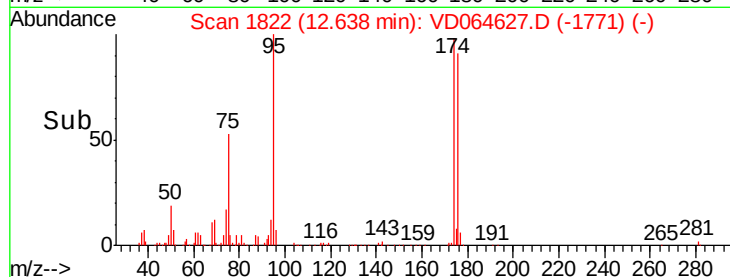
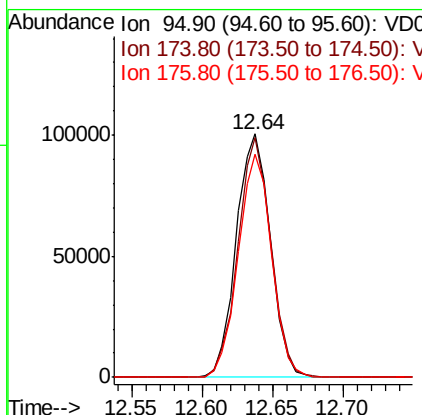
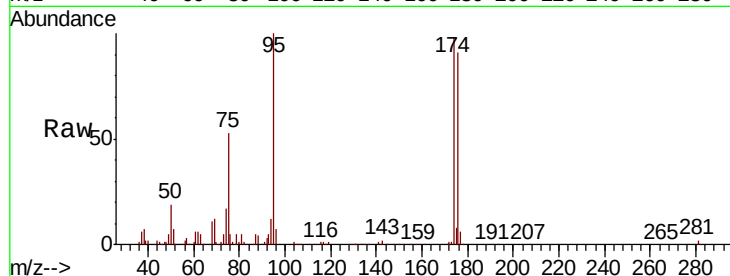




#62
4-Bromofluorobenzene
Concen: 54.392 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

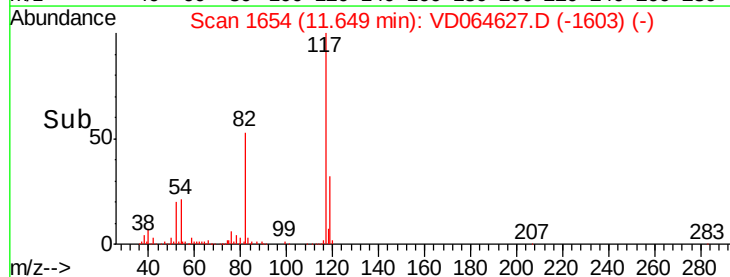
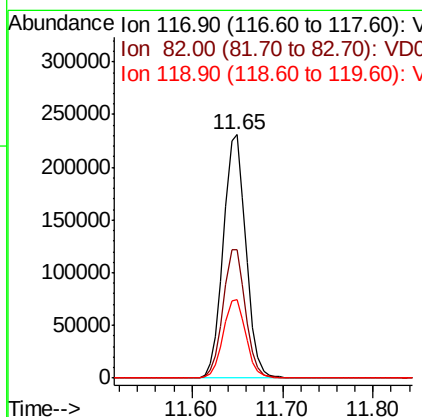
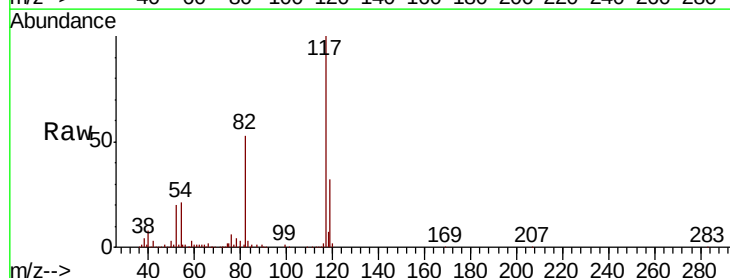
Instrument :
MSVOA_D
ClientSampled :
LIED-BF004-01

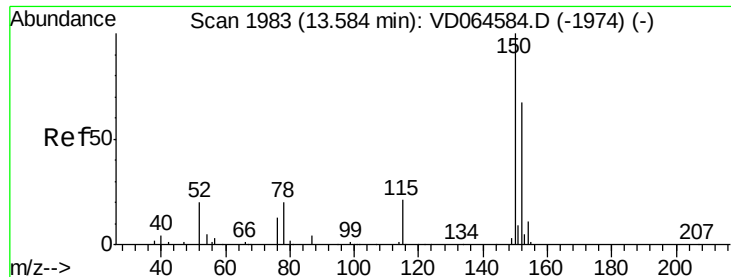
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	193.2
176	89.7	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064627.D
Acq: 27 Dec 2019 05:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.4
119	32.2	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: VD064627.D

Acq: 27 Dec 2019 05:53

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF004-01

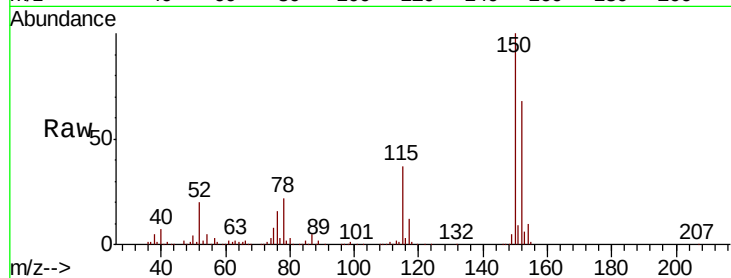
Tot Ion:152 Resp: 193168

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 155.1 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

