

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064630.D
 Acq On : 27 Dec 2019 07:19
 Operator : VA/SY
 Sample : K6439-10
 Misc : 4.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF007-01

Quant Time: Dec 27 08:02:51 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

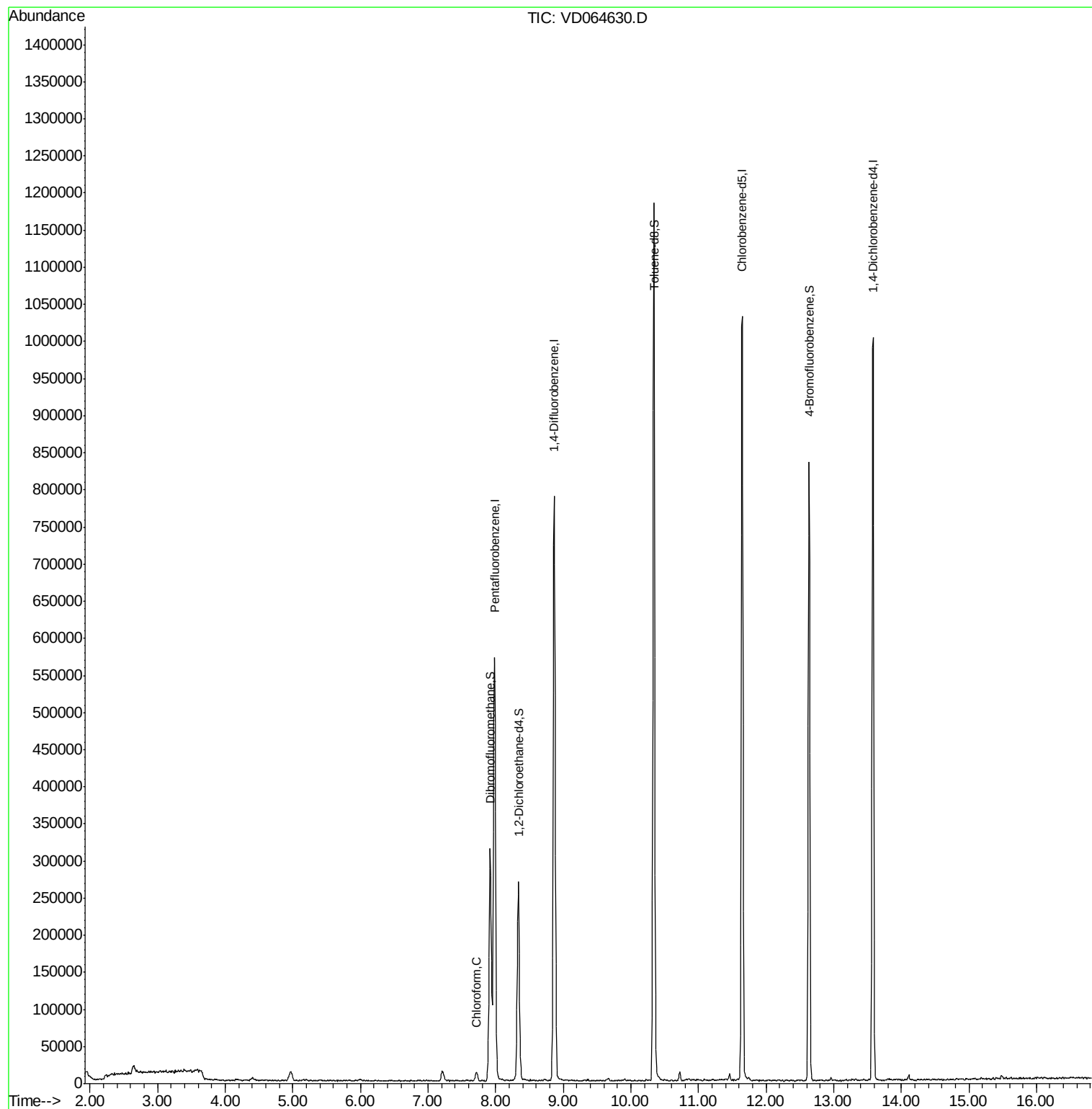
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	443569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	681476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	211174	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.92	113	208647	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	10.34	98	803982	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.64	95	240764	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
30) Chloroform	7.71	83	10756	1.407	ug/l	Qvalue 92

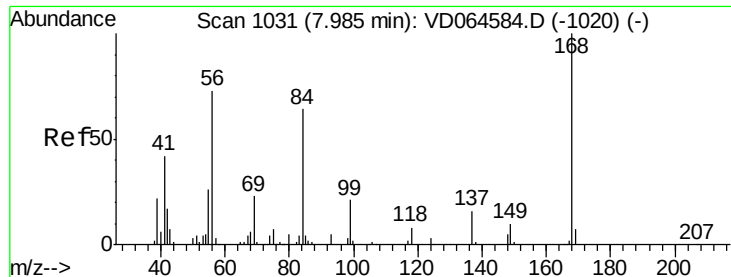
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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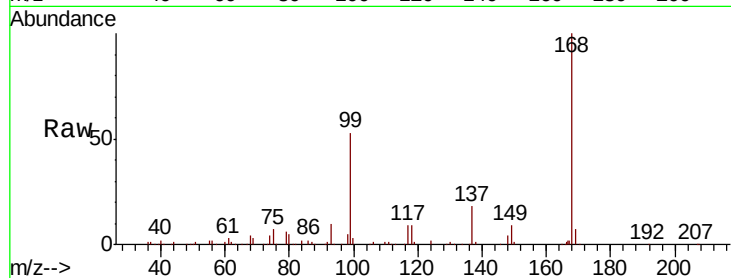




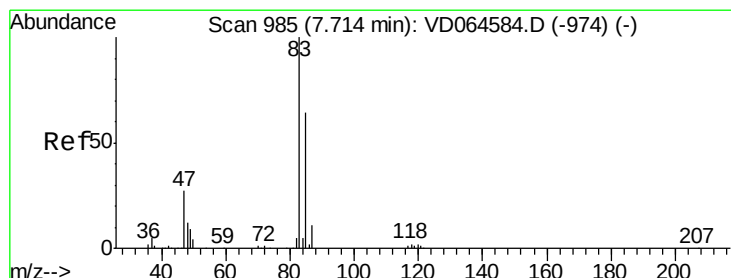
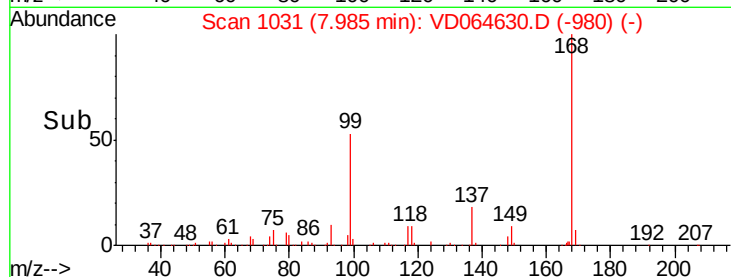
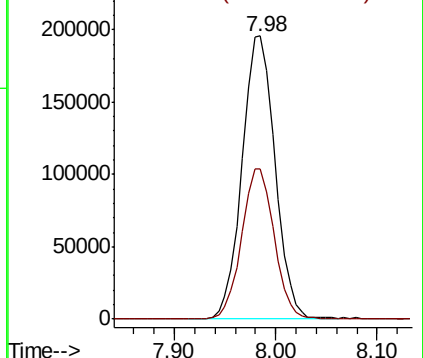
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

Instrument :
MSVOA_D
ClientSampleId :
LIED-BF007-01

Tot Ion:168 Resp: 443569
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6

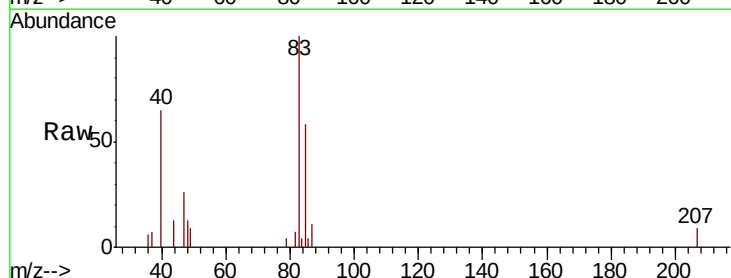


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

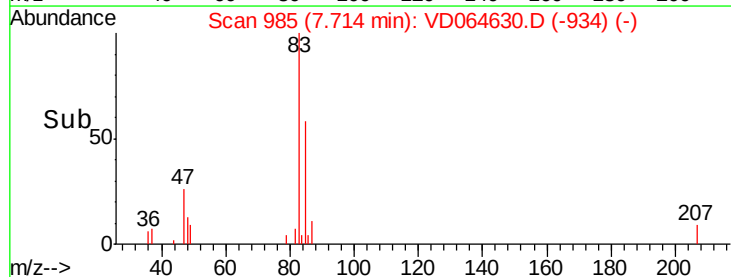
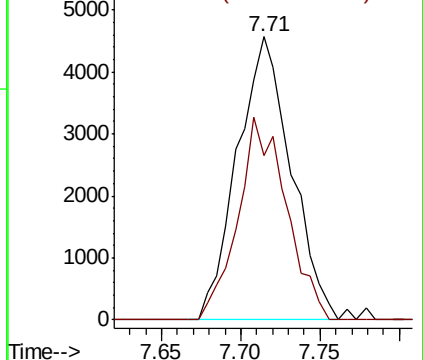


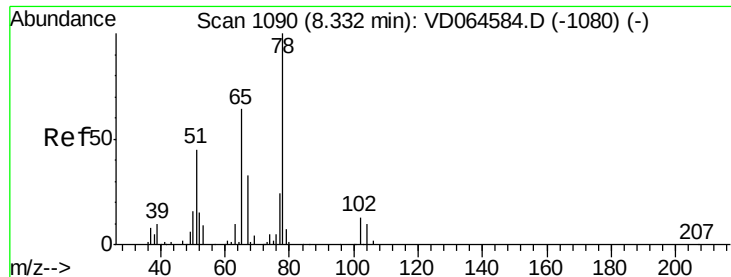
#30
Chloroform
Concen: 1.407 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

Tgt Ion: 83 Resp: 10756
Ion Ratio Lower Upper
83 100
85 57.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

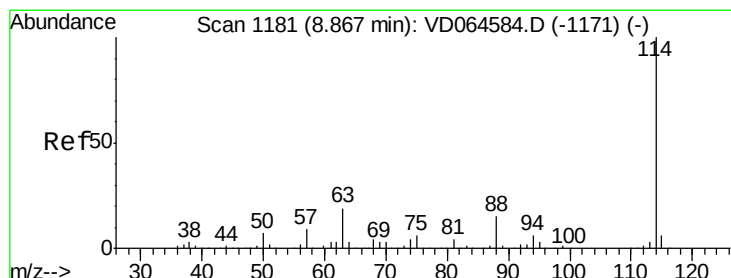
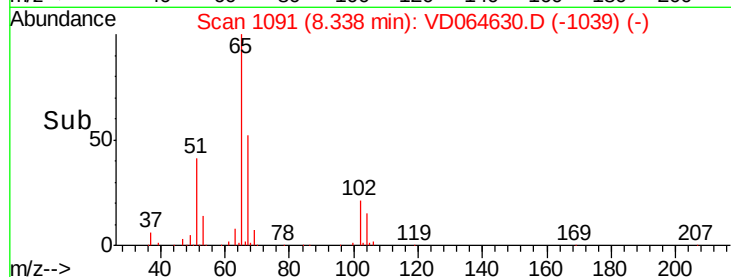
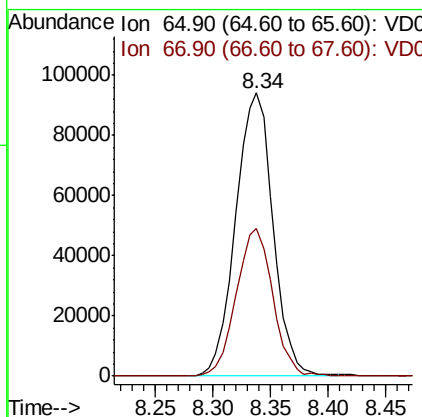
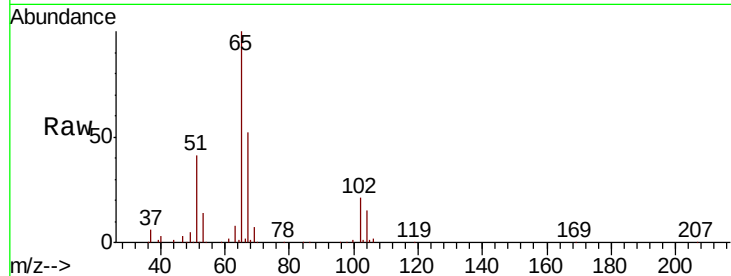




#33
 1,2-Dichloroethane-d4
 Concen: 53.990 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064630.D
 Acq: 27 Dec 2019 07:19

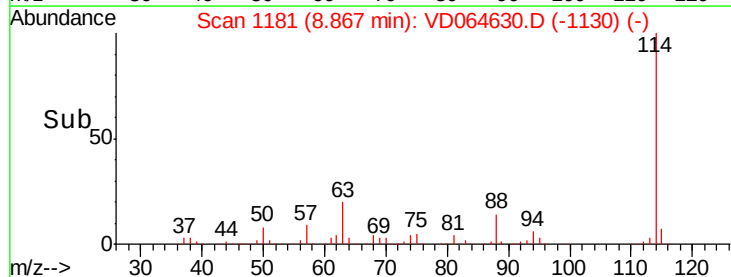
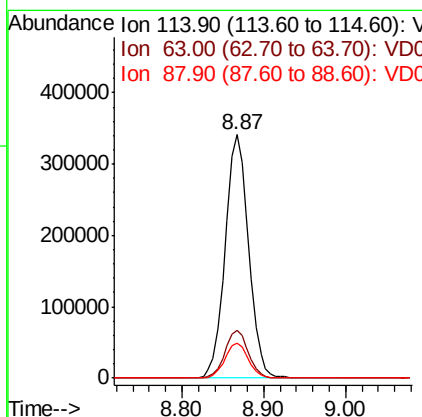
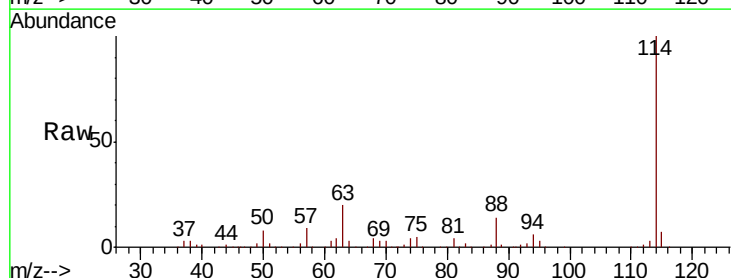
Instrument :
 MSVOA_D
 ClientSampleID :
 LIED-BF007-01

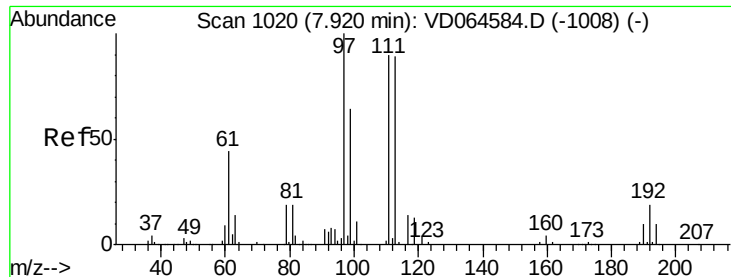
Tot Ion: 65 Resp: 211174
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064630.D
 Acq: 27 Dec 2019 07:19

Tgt Ion:114 Resp: 681476
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.4 0.0 29.2

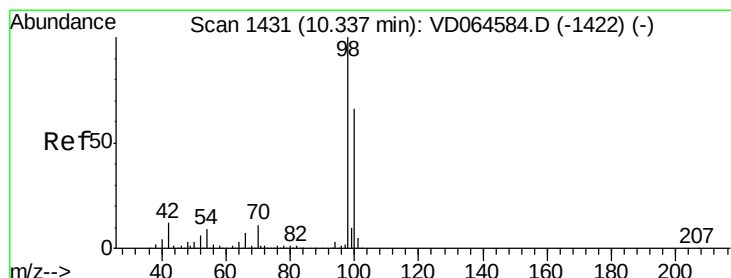
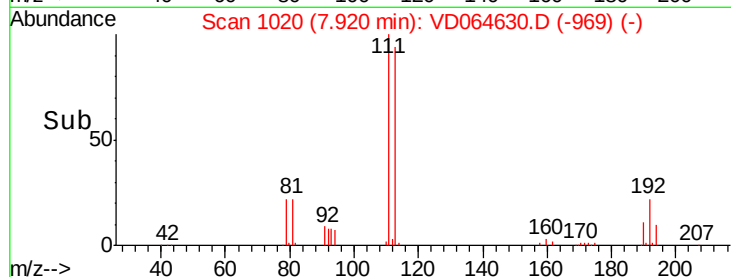
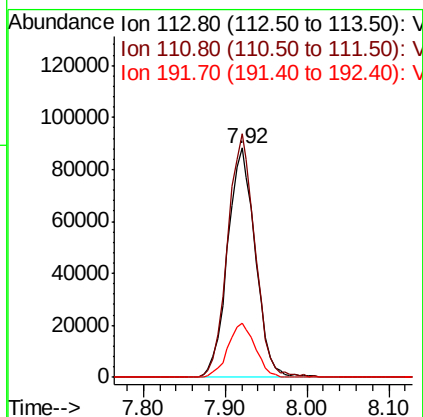
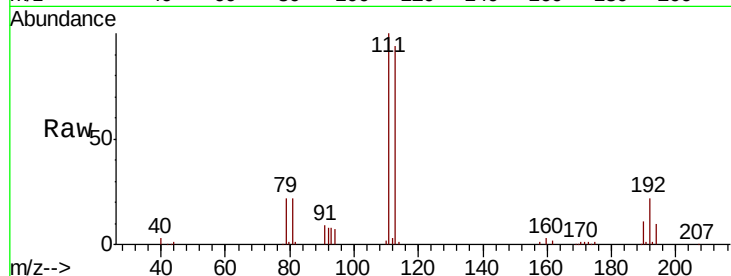




#35
Dibromofluoromethane
Concen: 49.904 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

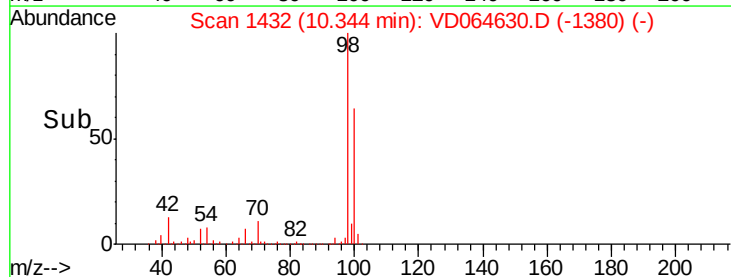
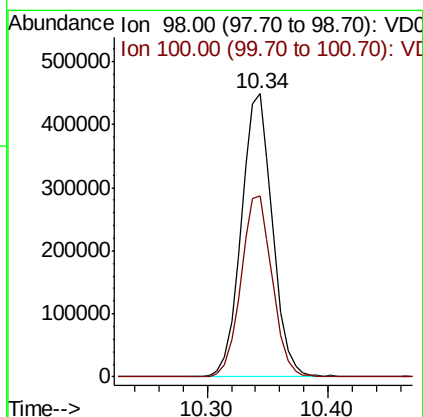
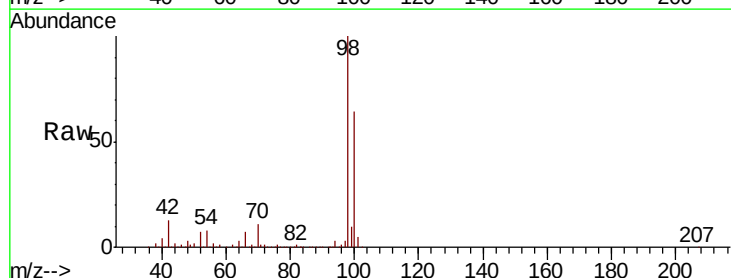
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF007-01

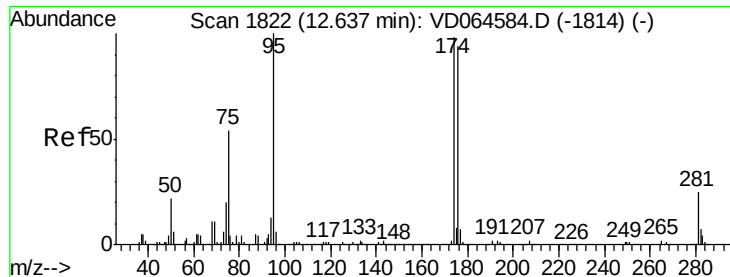
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.6	121.0
192	23.2	17.9	26.9



#50
Toluene-d8
Concen: 50.209 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5

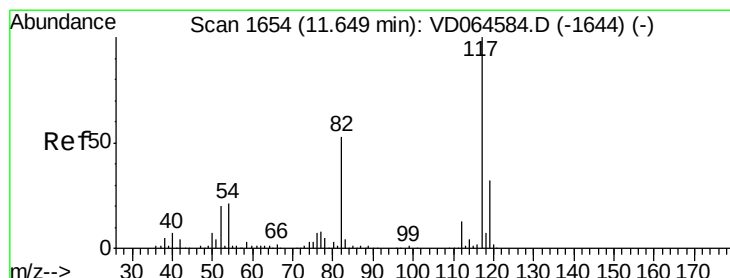
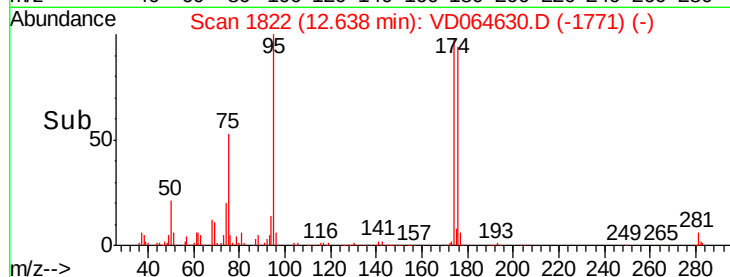
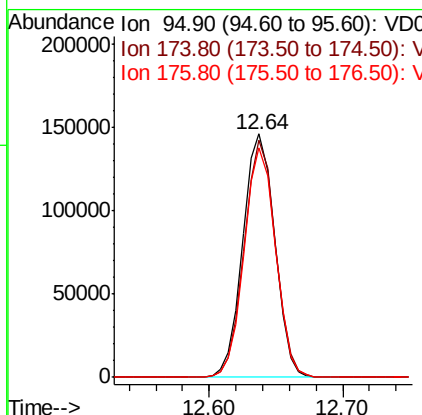
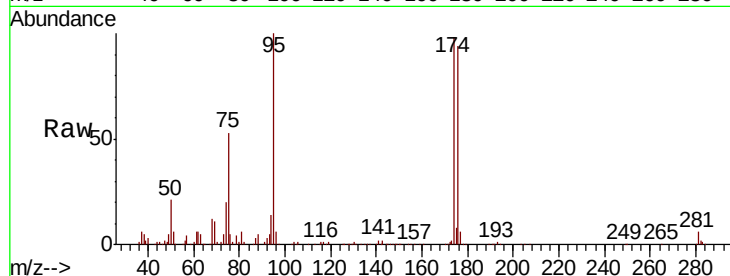




#62
4-Bromofluorobenzene
Concen: 47.550 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

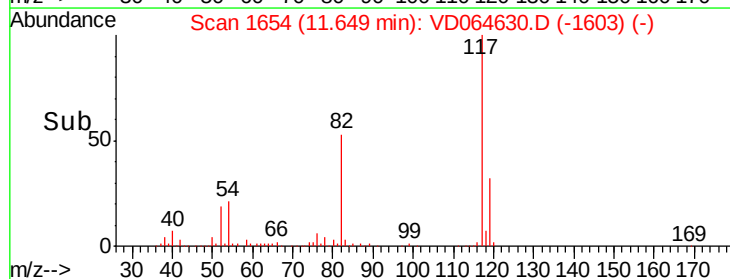
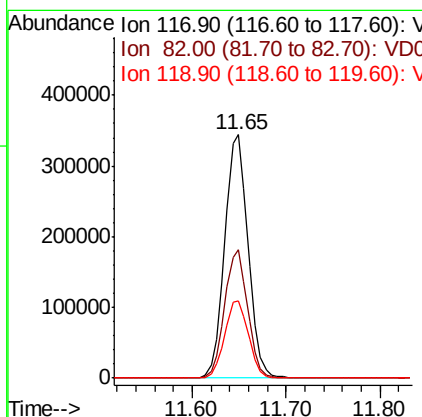
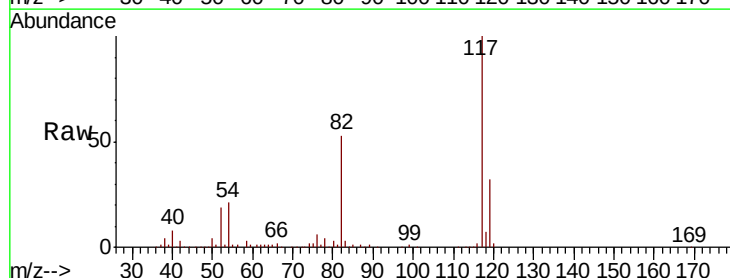
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF007-01

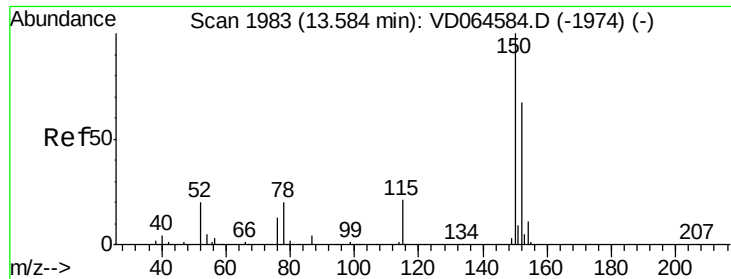
Tot Ion: 95 Resp: 240764
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 92.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064630.D
Acq: 27 Dec 2019 07:19

Tgt Ion: 117 Resp: 593156
Ion Ratio Lower Upper
117 100
82 52.6 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: VD064630.D

Acq: 27 Dec 2019 07:19

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF007-01

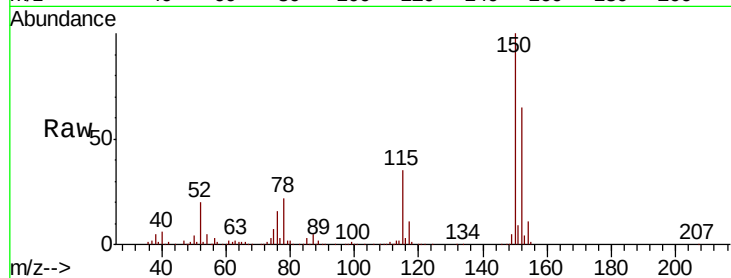
Tot Ion:152 Resp: 278919

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.4

150 155.2 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

