

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064626.D
 Acq On : 27 Dec 2019 05:24
 Operator : VA/SY
 Sample : K6439-06
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF003-01

Quant Time: Dec 27 06:23:39 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

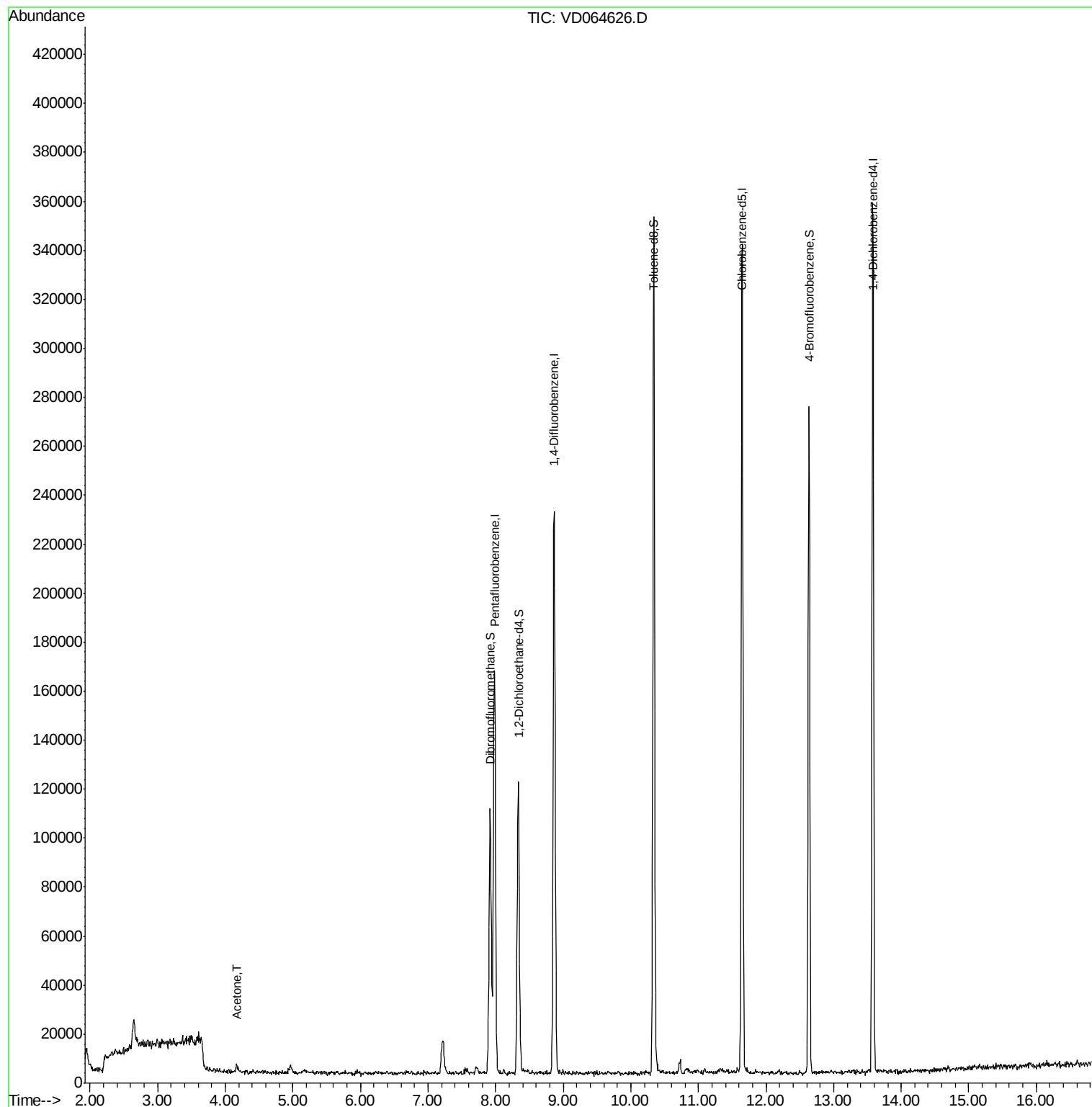
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	129788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	199915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	193505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	96179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	95572	83.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.02%	
35) Dibromofluoromethane	7.92	113	72746	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.62%	
50) Toluene-d8	10.34	98	240617	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.64	95	81682	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
Target Compounds						
16) Acetone	4.17	43	4211	19.630	ug/l #	Qvalue 82

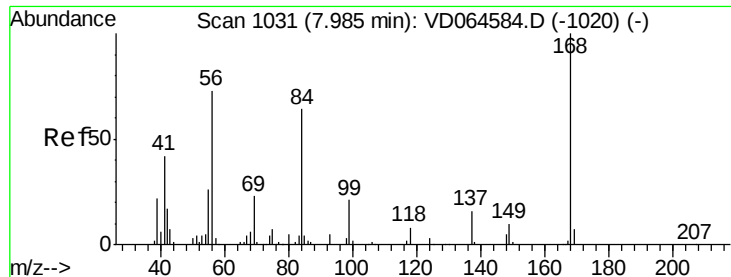
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064626.D

Acq: 27 Dec 2019 05:24

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MSVOA_D

ClientSampleId :

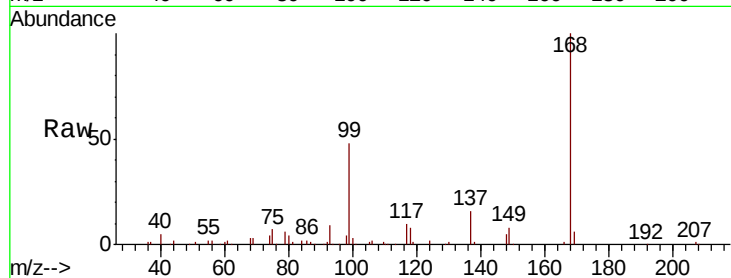
LIED-BF003-01

Tot Ion:168 Resp: 129788

Ion Ratio Lower Upper

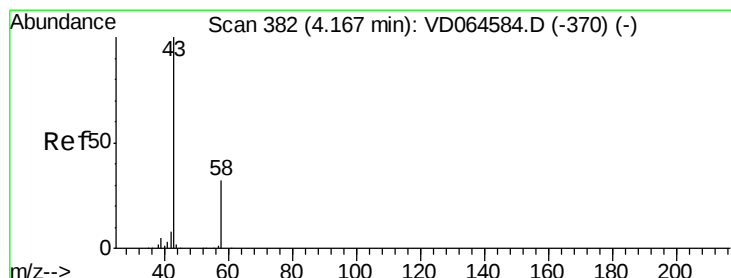
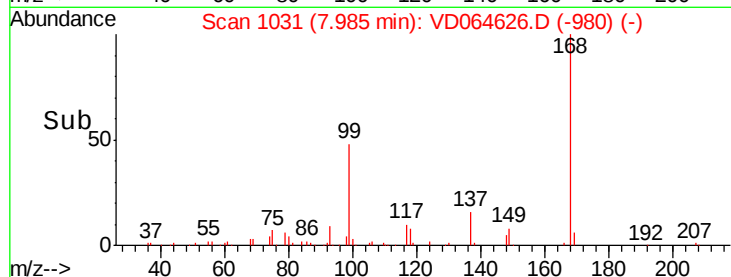
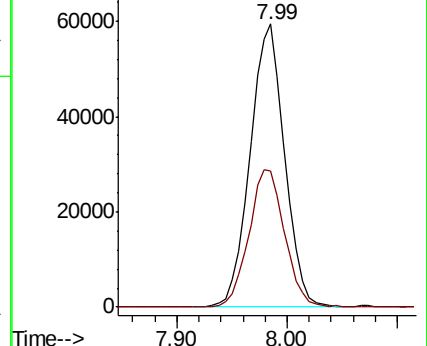
168 100

99 48.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 19.630 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064626.D

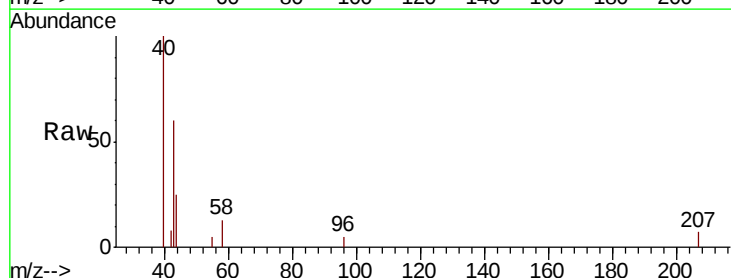
Acq: 27 Dec 2019 05:24

Tgt Ion: 43 Resp: 4211

Ion Ratio Lower Upper

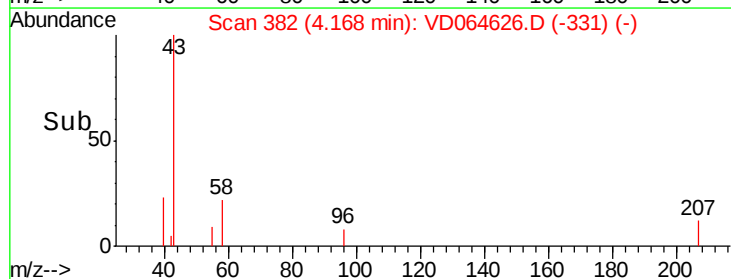
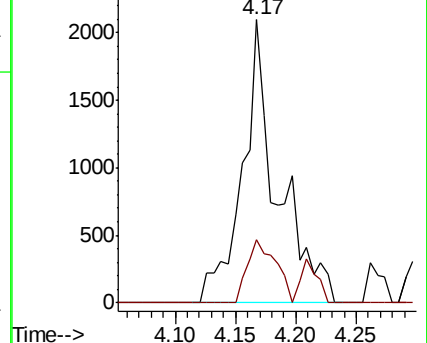
43 100

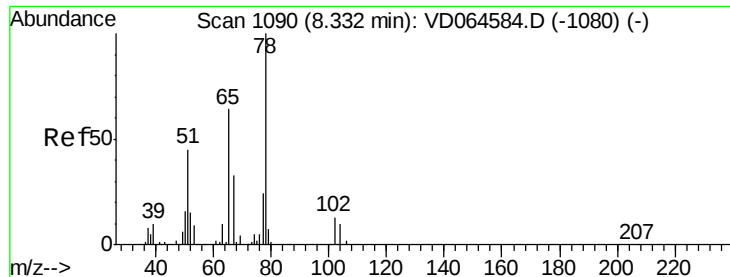
58 22.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 83.509 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064626.D

Acq: 27 Dec 2019 05:24

Instrument :

MSVOA_D

ClientSampleId :

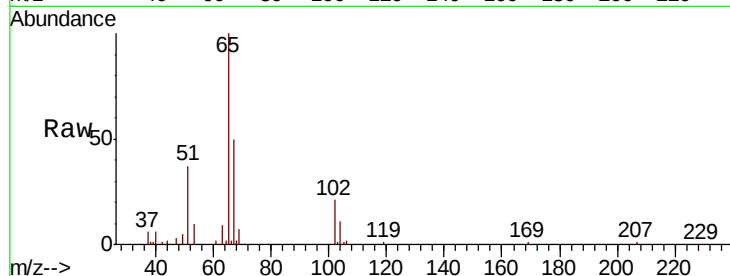
LIED-BF003-01

Tot Ion: 65 Resp: 95572

Ion Ratio Lower Upper

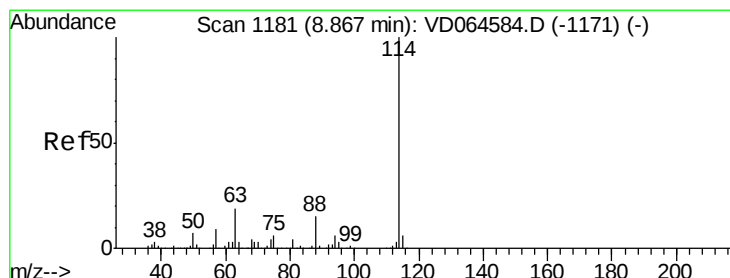
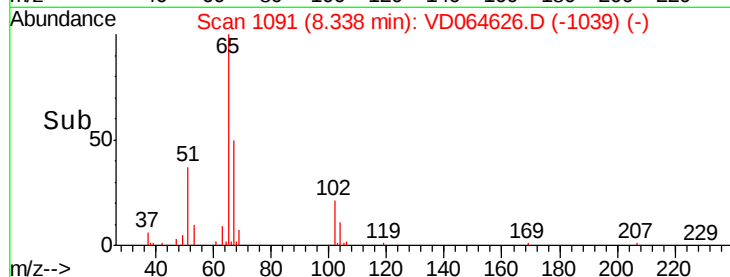
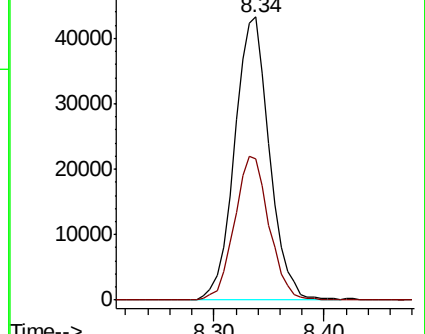
65 100

67 50.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064626.D

Acq: 27 Dec 2019 05:24

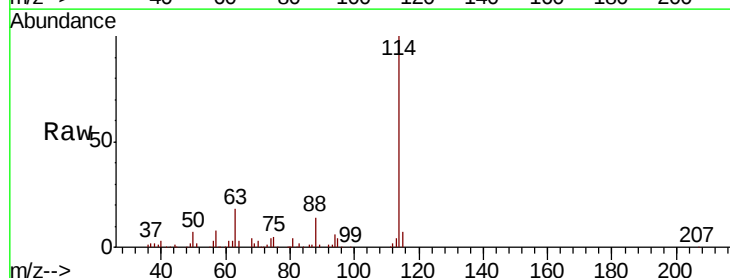
Tgt Ion: 114 Resp: 199915

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

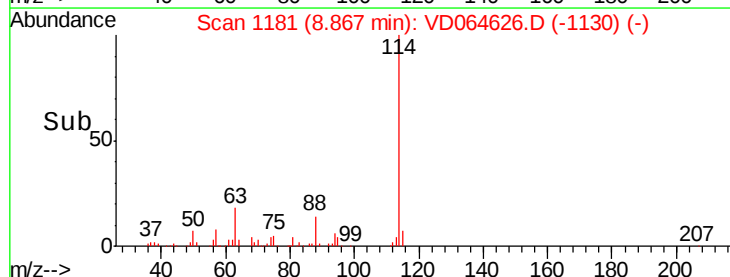
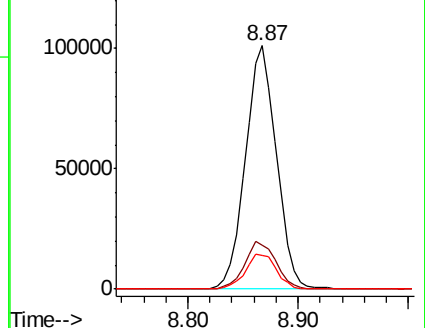
88 14.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

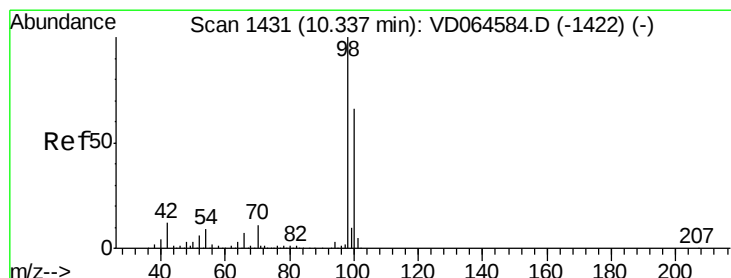
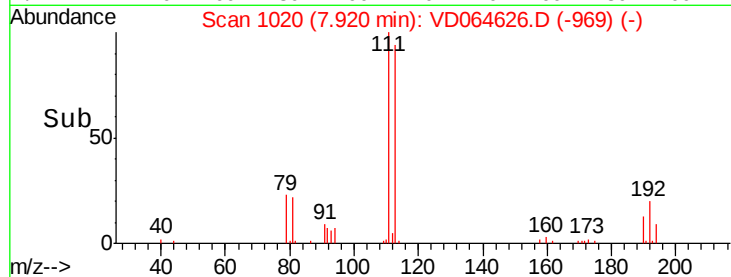
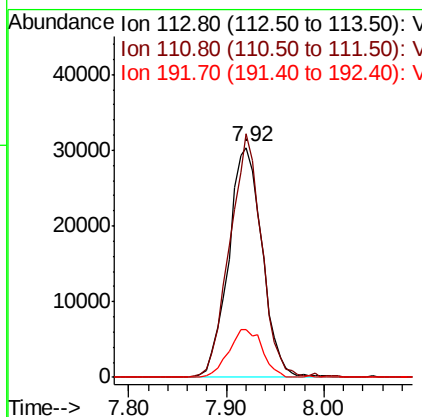
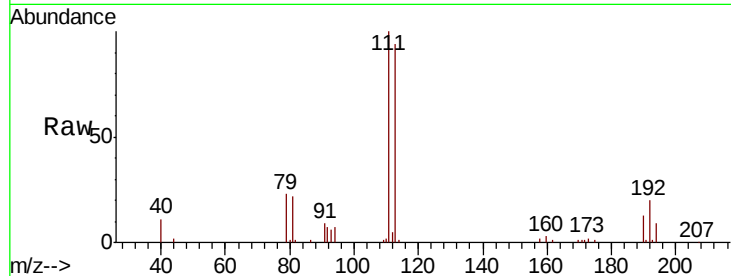




#35
 Dibromofluoromethane
 Concen: 59.311 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064626.D
 Acq: 27 Dec 2019 05:24

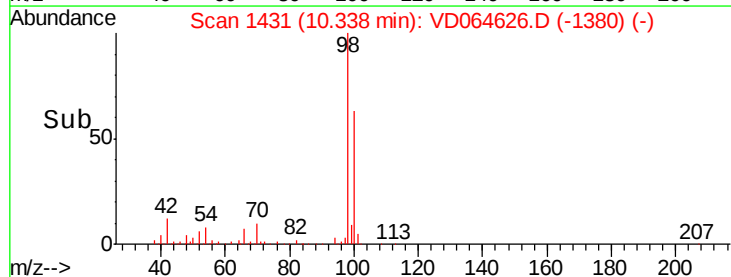
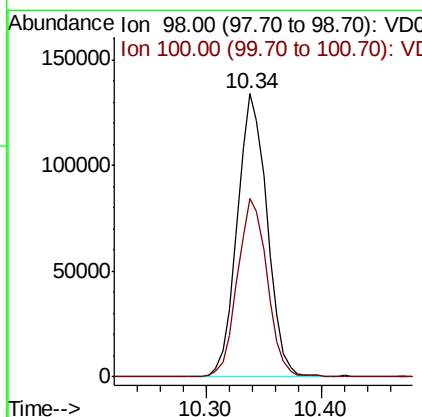
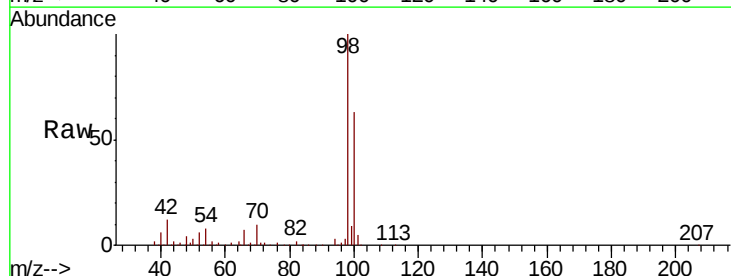
Instrument :
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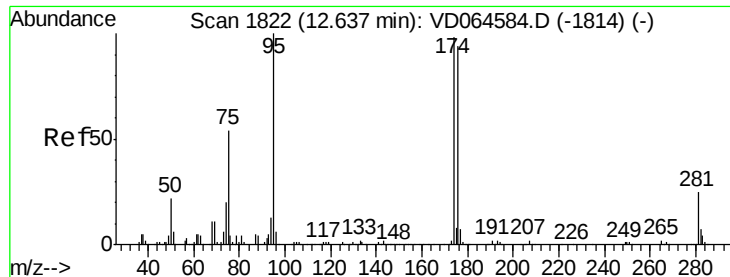
Tot Ion:113 Resp: 72746
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.6 121.0
 192 20.9 17.9 26.9



#50
 Toluene-d8
 Concen: 51.223 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD064626.D
 Acq: 27 Dec 2019 05:24

Tgt Ion: 98 Resp: 240617
 Ion Ratio Lower Upper
 98 100
 100 62.8 51.7 77.5

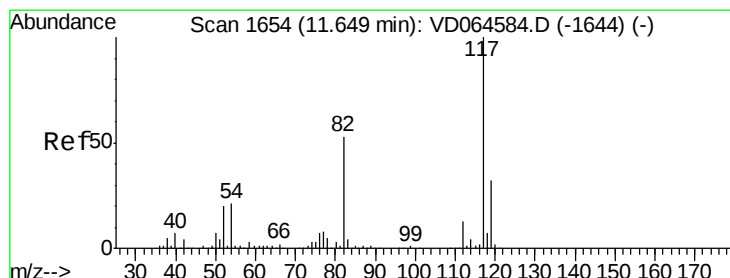
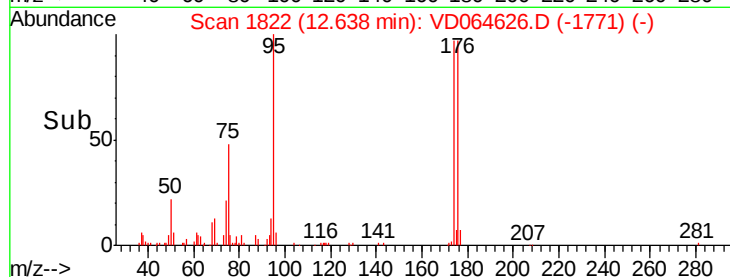
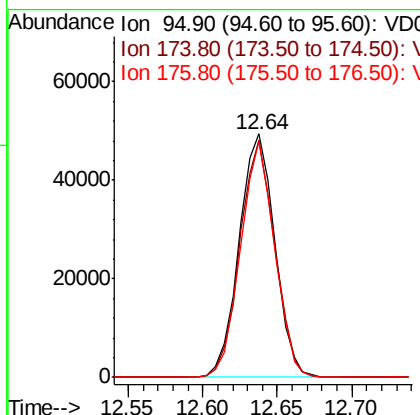
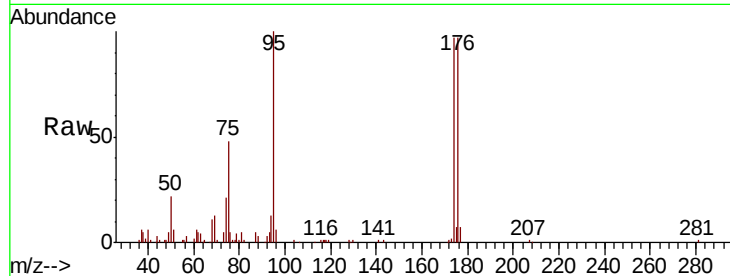




#62
4-Bromofluorobenzene
Concen: 54.991 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064626.D
Acq: 27 Dec 2019 05:24

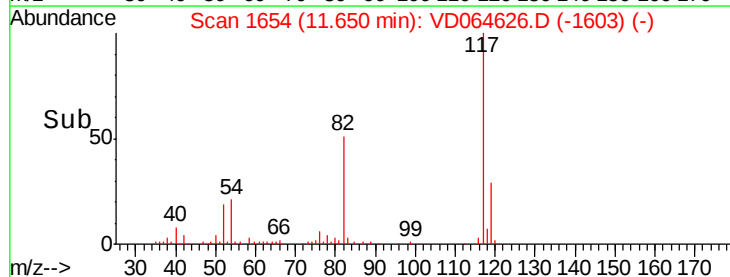
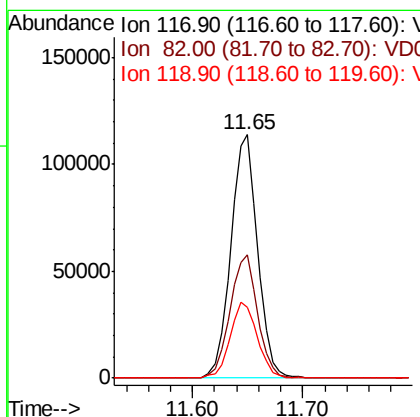
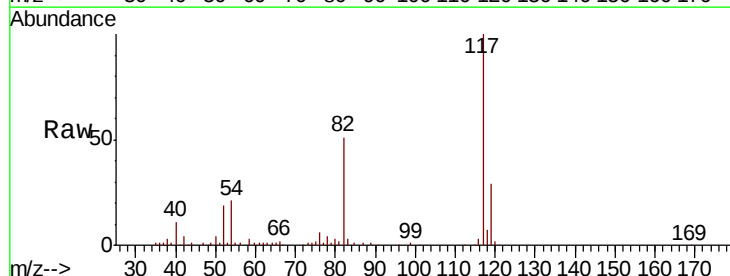
Instrument :
MSVOA_D
ClientSampleId :
LIED-BF003-01

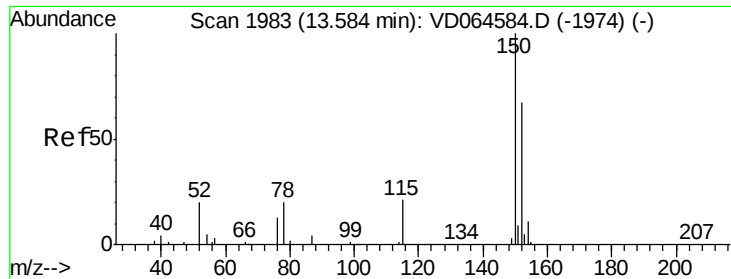
Tot Ion: 95 Resp: 81682
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 92.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064626.D
Acq: 27 Dec 2019 05:24

Tgt Ion: 117 Resp: 193505
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.4
119 29.0 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: VD064626.D

Acq: 27 Dec 2019 05:24

Instrument :

MSVOA_D

ClientSampleId :

LIED-BF003-01

Tot Ion:152 Resp: 96179

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 157.4 0.0 351.4

