

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016425.D
 Acq On : 31 Aug 2020 21:03
 Operator : SY/VA
 Sample : L3848-18
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-03-A

Quant Time: Sep 01 04:19:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

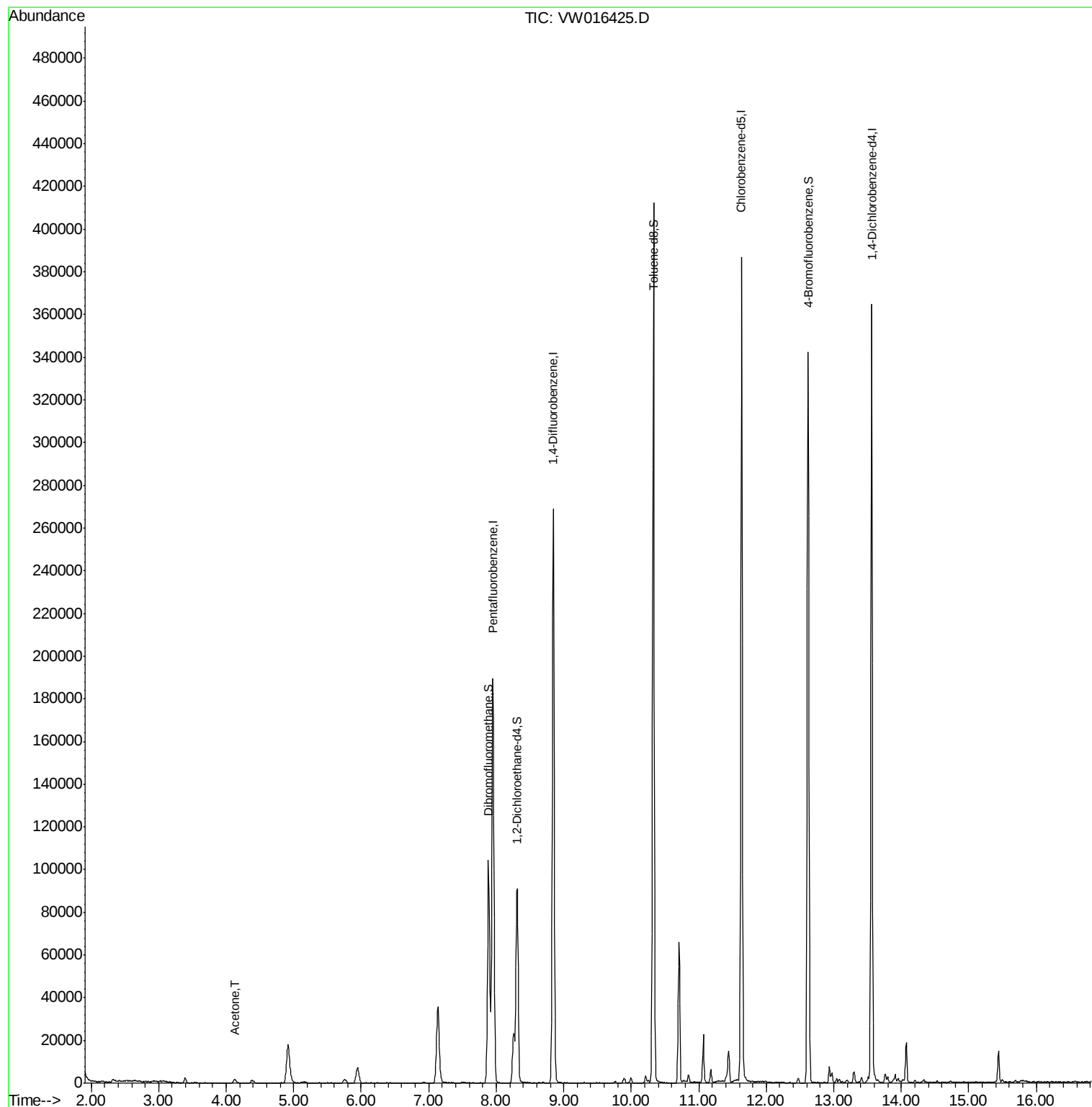
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	139529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	239753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78827	56.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.88%	
35) Dibromofluoromethane	7.89	113	75578	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.33	98	285372	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	101927	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
Target Compounds						
16) Acetone	4.12	43	3321	14.002	ug/l	Qvalue 99

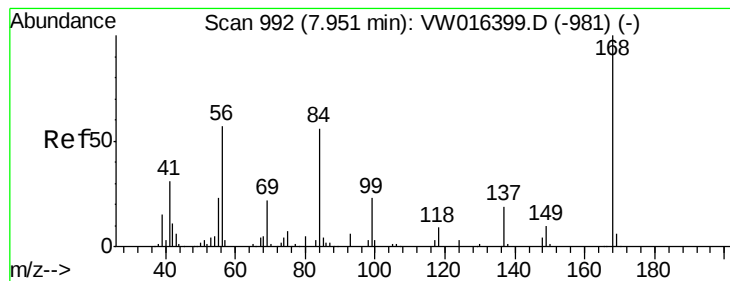
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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ClientSampleId :

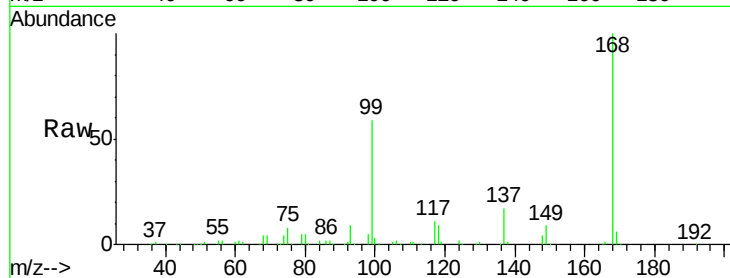
LINDEN-BH-03-A

Tot Ion:168 Resp: 139529

Ion Ratio Lower Upper

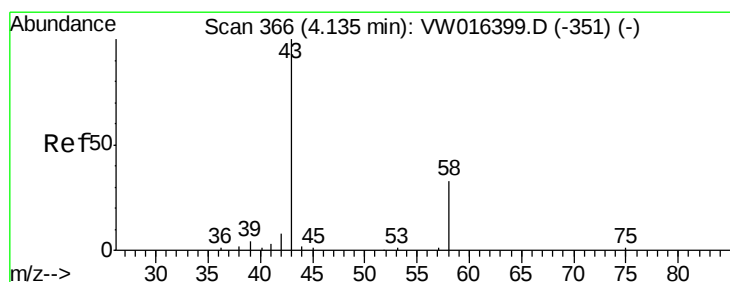
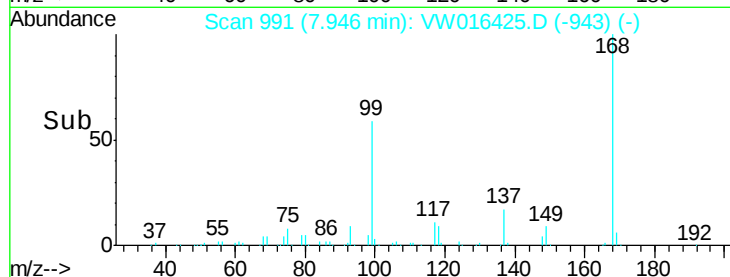
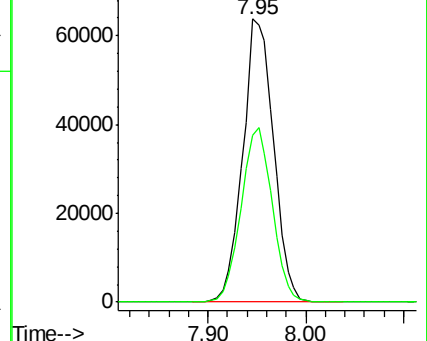
168 100

99 59.0 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 14.002 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016425.D

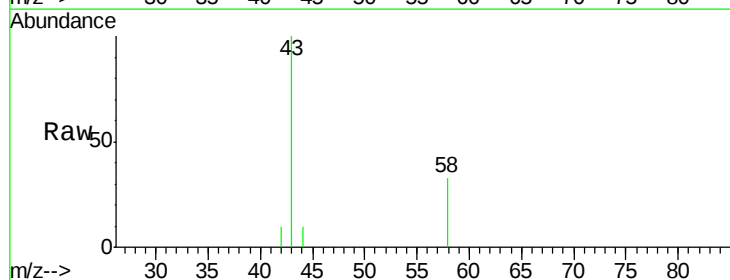
Acq: 31 Aug 2020 21:03

Tgt Ion: 43 Resp: 3321

Ion Ratio Lower Upper

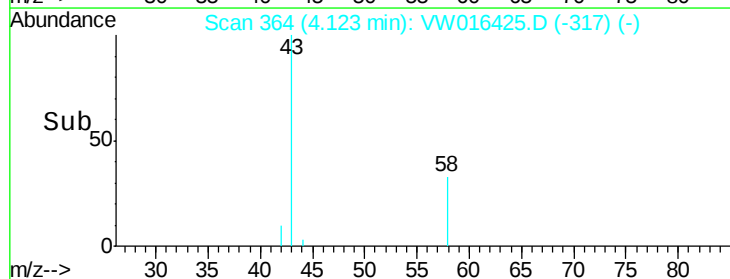
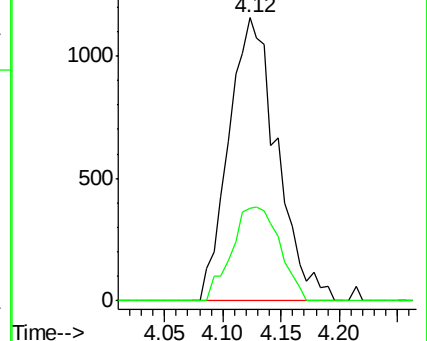
43 100

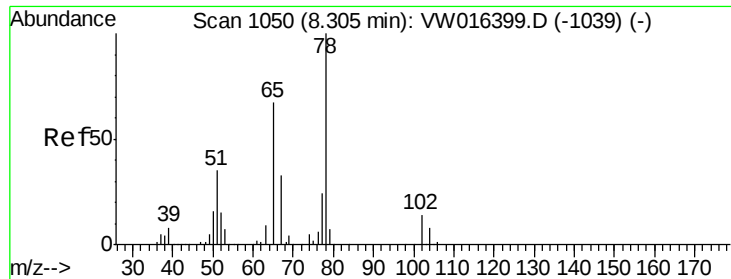
58 32.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.436 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW016425.D

Acq: 31 Aug 2020 21:03

Instrument :

MSVOA_W

ClientSampleId :

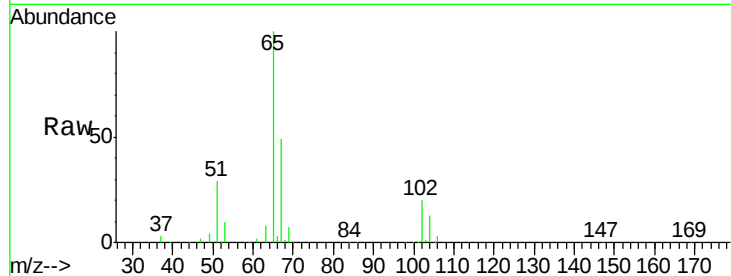
LINDEN-BH-03-A

Tot Ion: 65 Resp: 78827

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

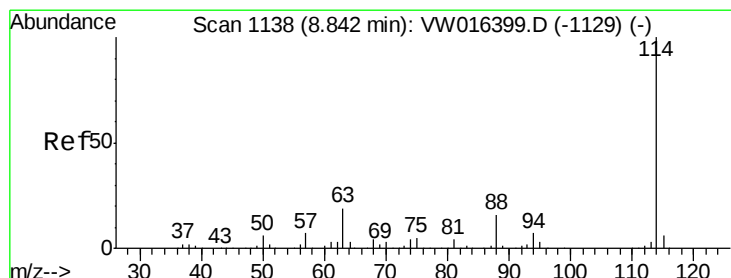
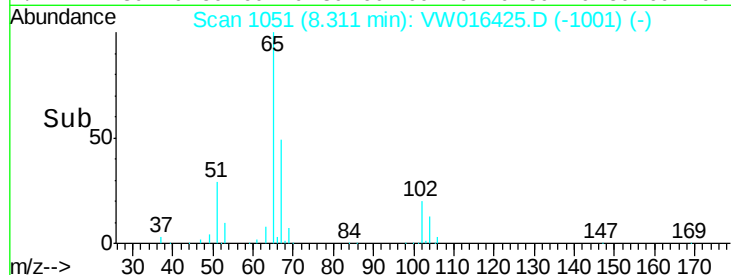
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW016425.D

Acq: 31 Aug 2020 21:03

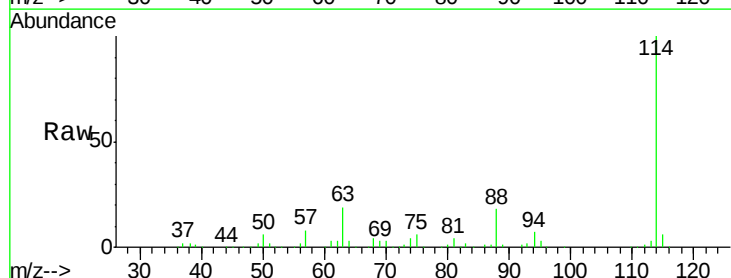
Tgt Ion: 114 Resp: 239753

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.8

88 17.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

150000

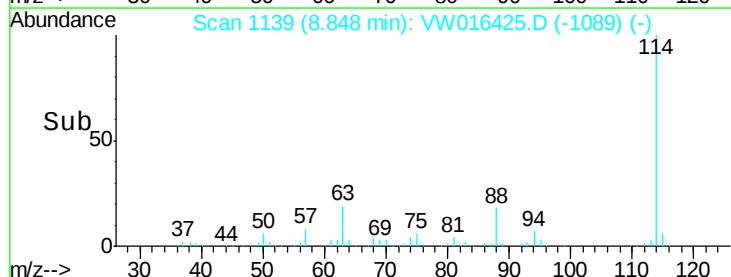
100000

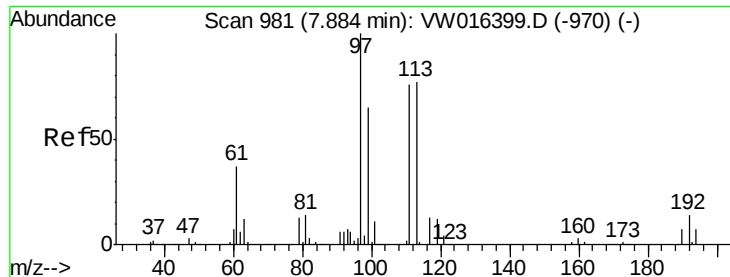
50000

0

8.80 8.85 8.90

Time-->

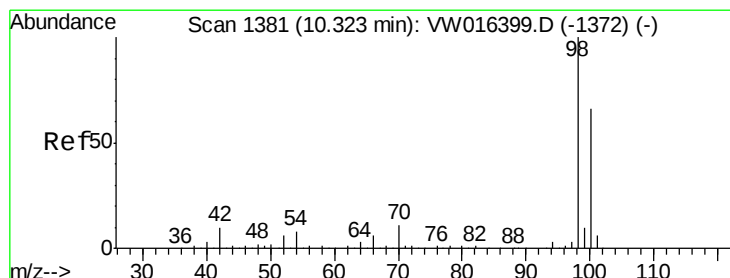
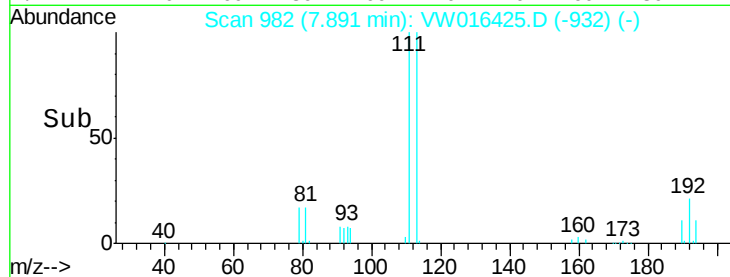
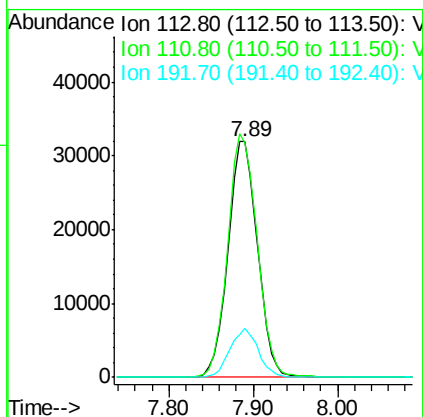
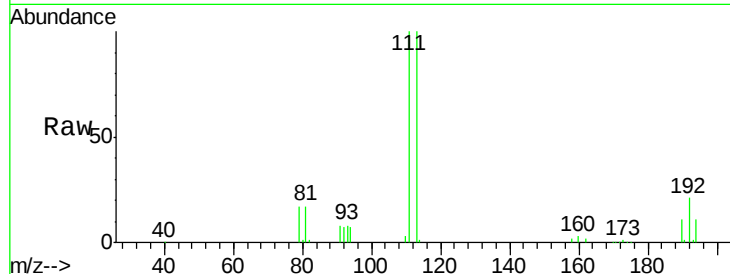




#35
 Dibromofluoromethane
 Concen: 49.802 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016425.D
 Acq: 31 Aug 2020 21:03

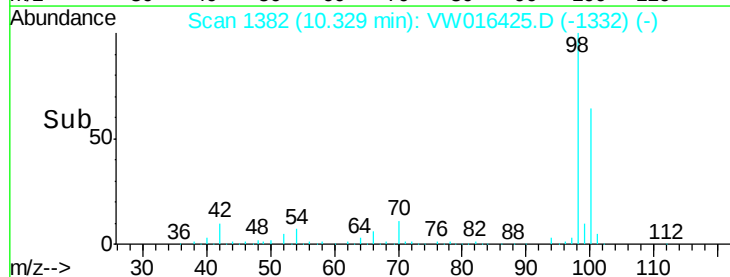
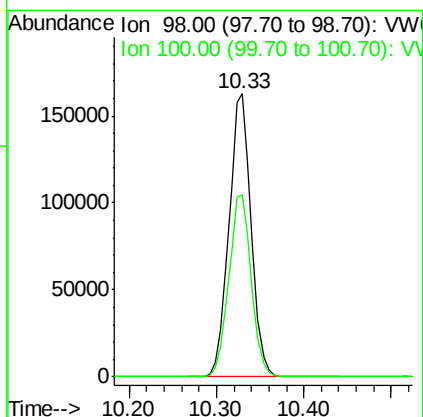
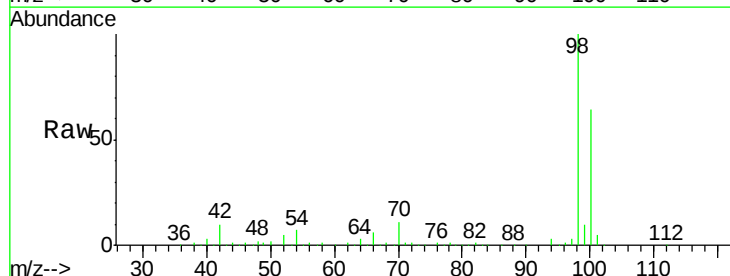
Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-03-A

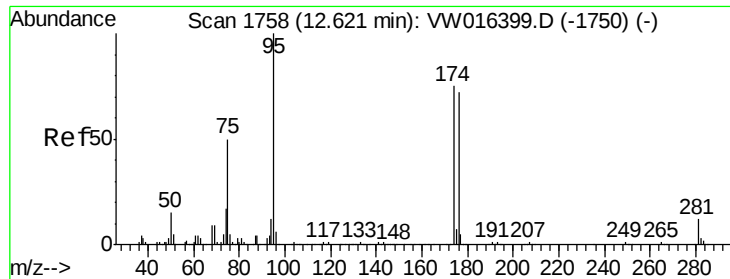
Tot Ion:113 Resp: 75578
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.1 123.1
 192 19.9 15.5 23.3



#50
 Toluene-d8
 Concen: 50.217 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW016425.D
 Acq: 31 Aug 2020 21:03

Tgt Ion: 98 Resp: 285372
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.6 78.8

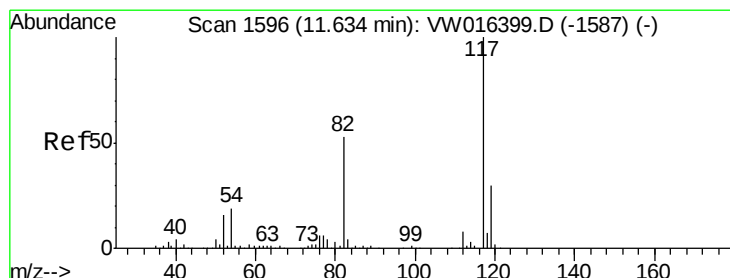
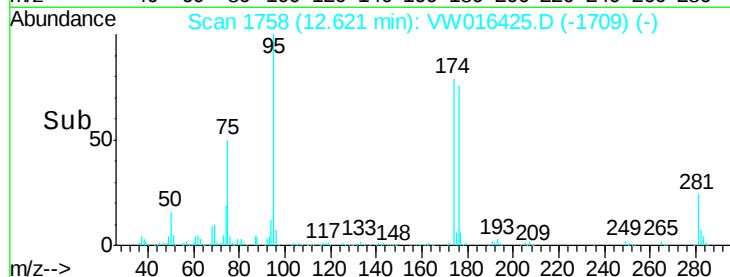
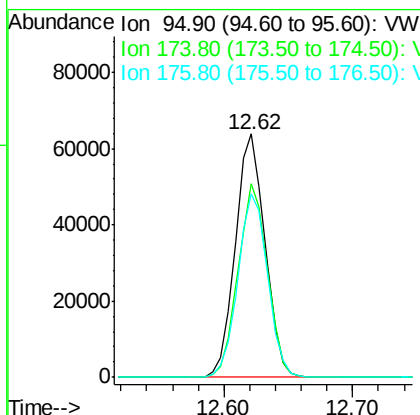
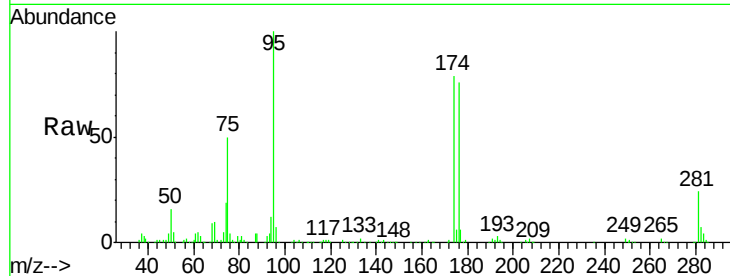




#62
4-Bromofluorobenzene
Concen: 47.831 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016425.D
Acq: 31 Aug 2020 21:03

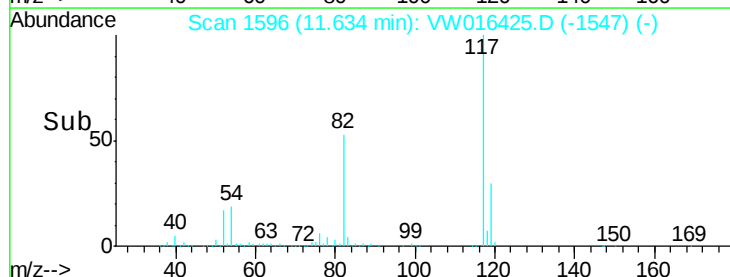
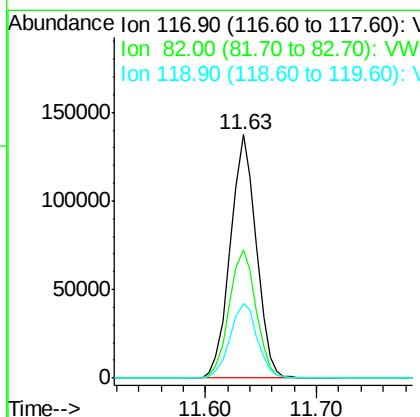
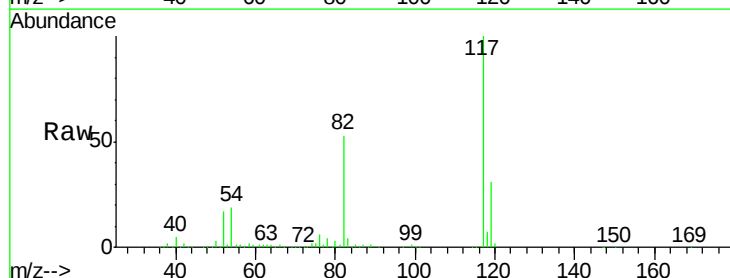
Instrument :
MSVOA_W
ClientSampleId :
LINDEN-BH-03-A

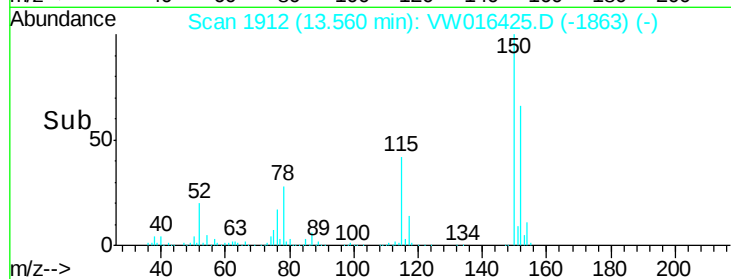
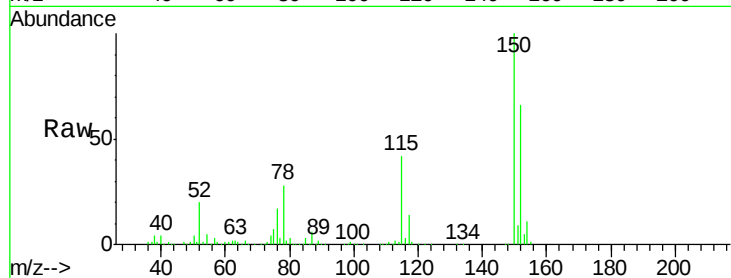
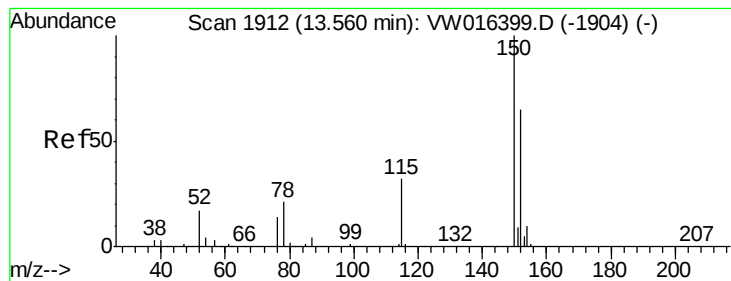
Tot Ion: 95 Resp: 101927
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.0
176 75.1 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016425.D
Acq: 31 Aug 2020 21:03

Tgt Ion: 117 Resp: 221870
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 30.4 24.2 36.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016425.D

Acq: 31 Aug 2020 21:03

Instrument :

MSVOA_W

ClientSampleId :

LINDEN-BH-03-A

Tot Ion:152 Resp: 99360

Ion Ratio Lower Upper

152 100

115 62.7 30.9 92.5

150 156.2 0.0 351.0

