

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016426.D
 Acq On : 31 Aug 2020 21:28
 Operator : SY/VA
 Sample : L3848-20
 Misc : 3.06G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 01 03:01:08 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	132410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	228941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95908	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	75749	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.89	113	73678	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	10.33	98	275383	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.62	95	99809	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	

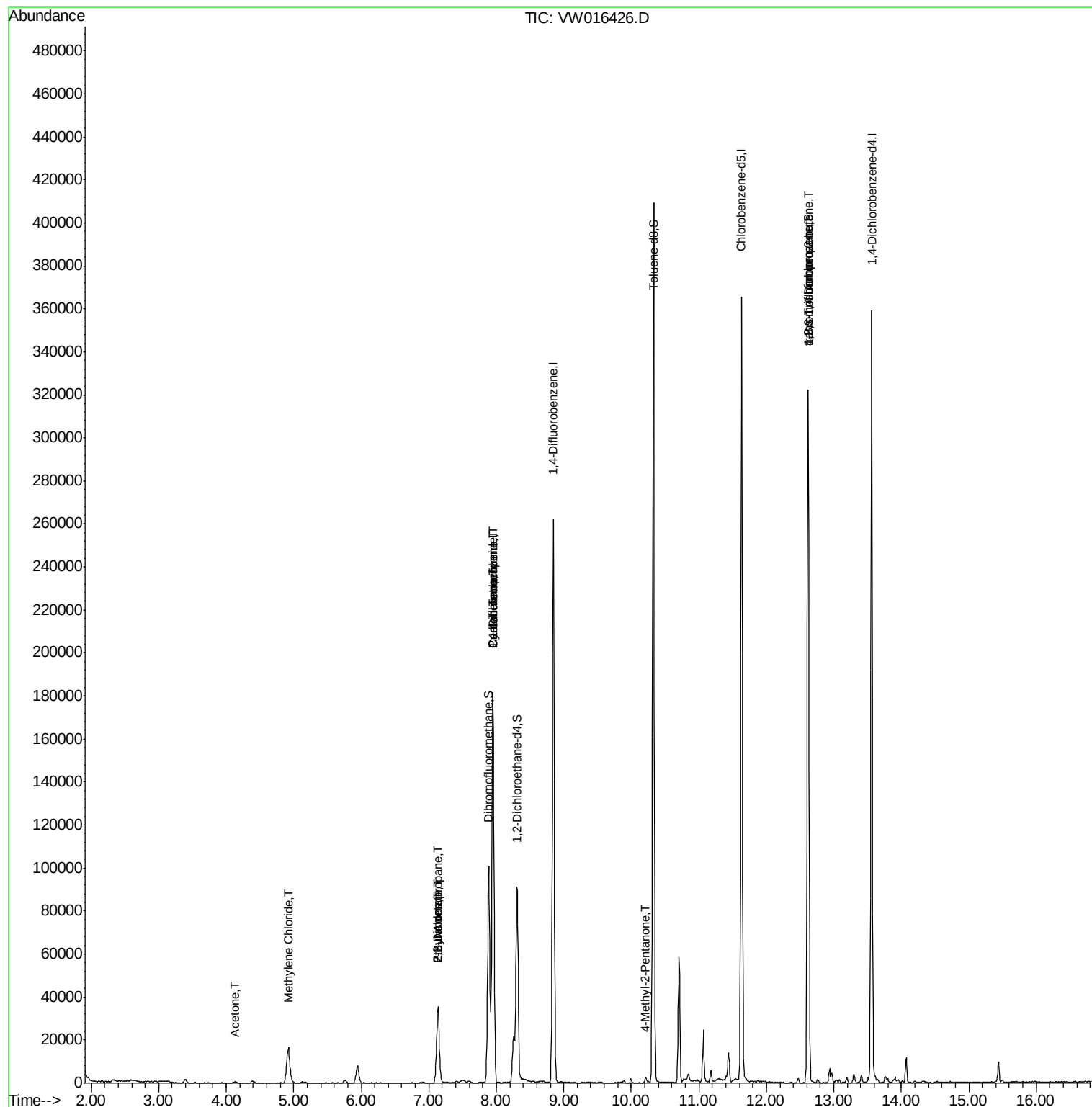
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	830	Below Cal	#	72
16) Acetone	4.14	43	1349	5.993	ug/l	93
20) Methylene Chloride	4.92	84	14063	4.768	ug/l	93
25) 2-Butanone	7.13	43	1794	5.875	ug/l #	71
26) 2,2-Dichloropropane	7.14	77	2611	1.504	ug/l #	52
31) Cyclohexane	7.95	56	2674	1.298	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	10194	4.679	ug/l #	50
37) Ethyl Acetate	7.13	43	1794	2.431	ug/l #	44
38) Carbon Tetrachloride	7.95	117	14447	6.051	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2082	2.859	ug/l	90
76) 1,2,3-Trichloropropane	12.62	75	49504	58.372	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	49504	129.597	ug/l #	11

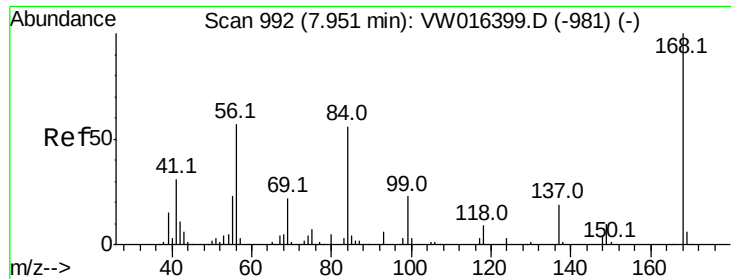
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

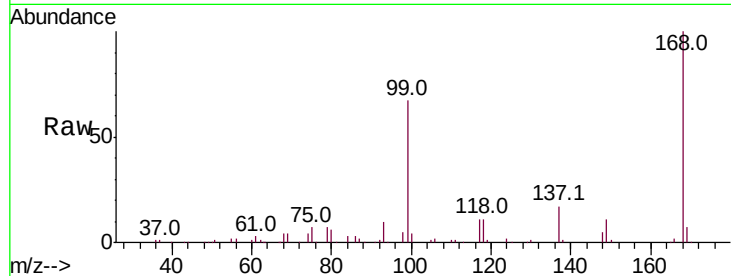
LINDEN-BH-03-B

Tot Ion:168 Resp: 132410

Ion Ratio Lower Upper

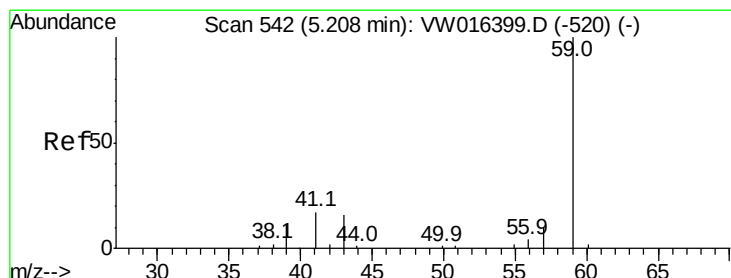
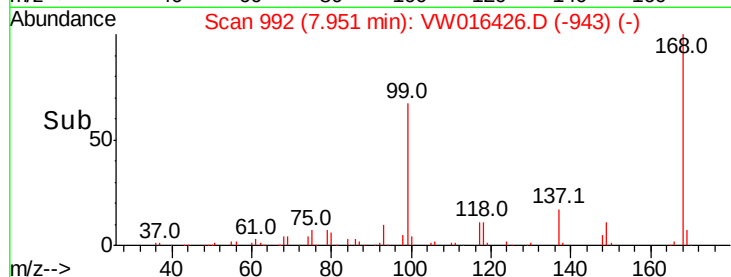
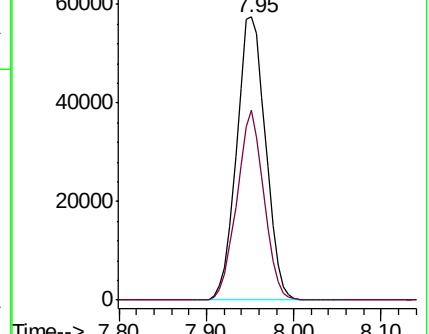
168 100

99 67.3 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.05 min

Lab File: VW016426.D

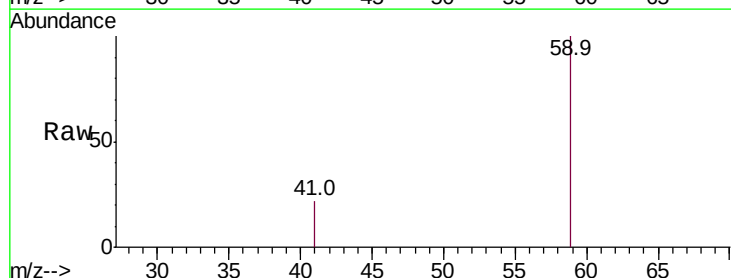
Acq: 31 Aug 2020 21:28

Tgt Ion: 59 Resp: 830

Ion Ratio Lower Upper

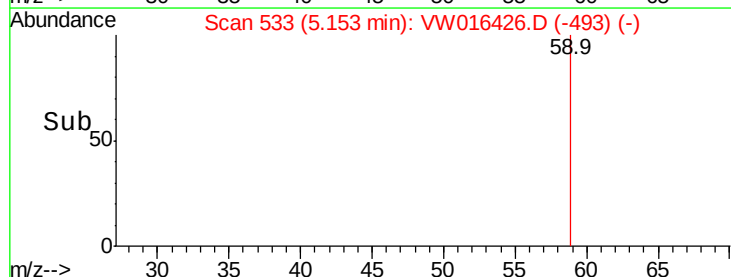
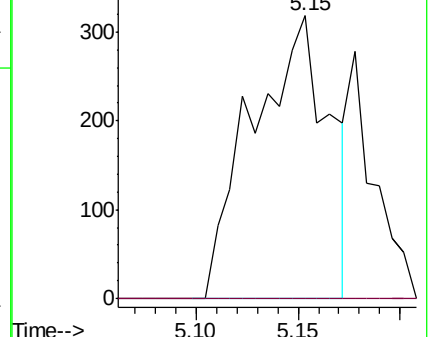
59 100

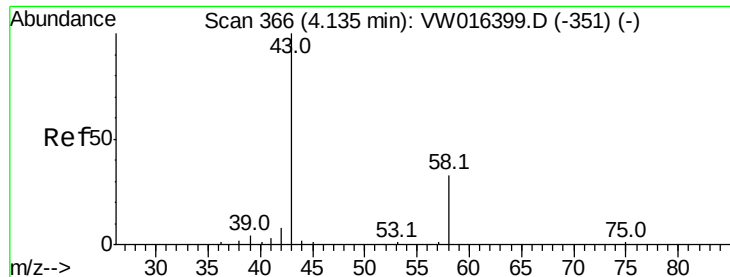
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.993 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

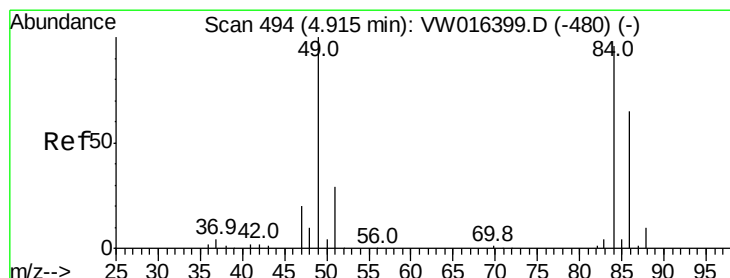
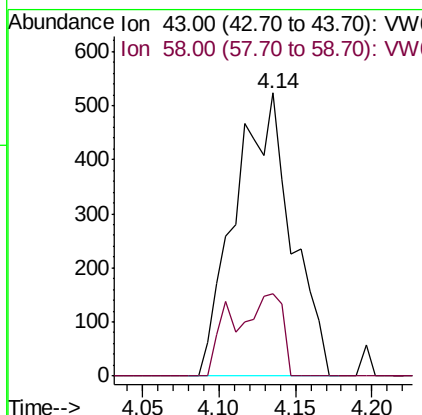
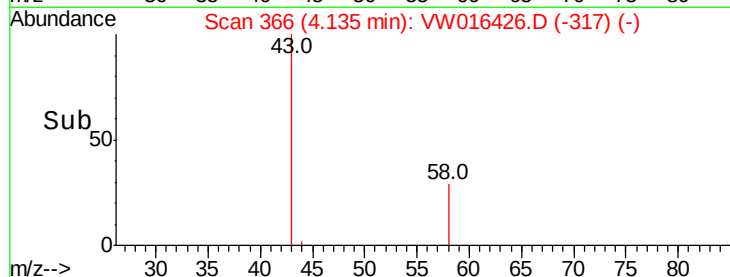
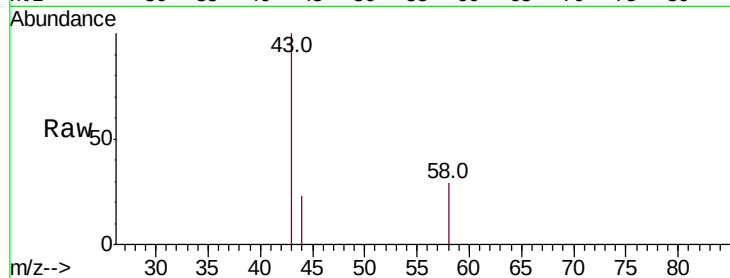
LINDEN-BH-03-B

Tot Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

58 29.3 26.6 39.8



#20

Methylene Chloride

Concen: 4.768 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Tgt Ion: 84 Resp: 14063

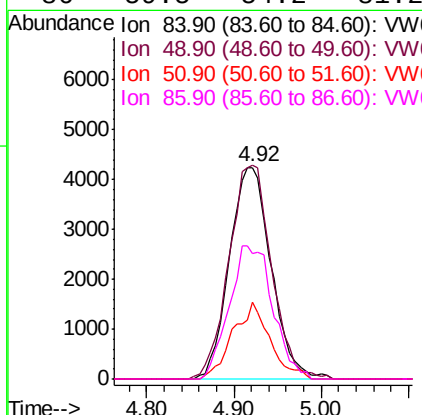
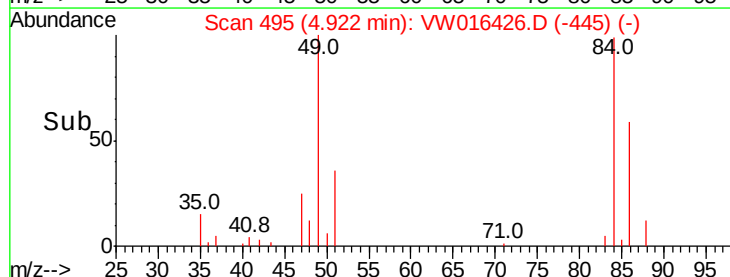
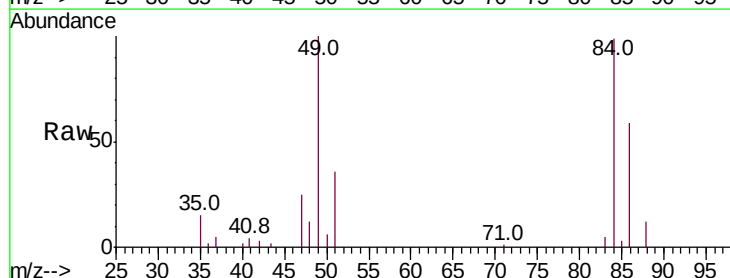
Ion Ratio Lower Upper

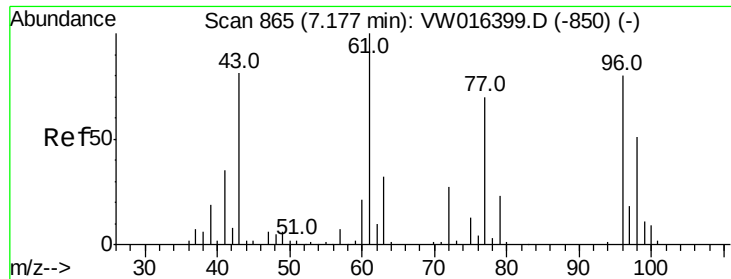
84 100

49 100.9 83.2 124.8

51 36.4 24.4 36.6

86 59.5 54.2 81.2





#25

2-Butanone

Concen: 5.875 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.05 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

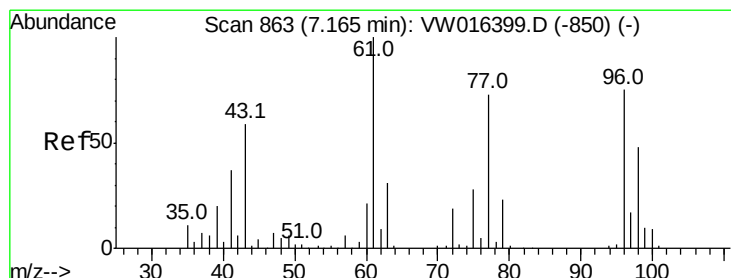
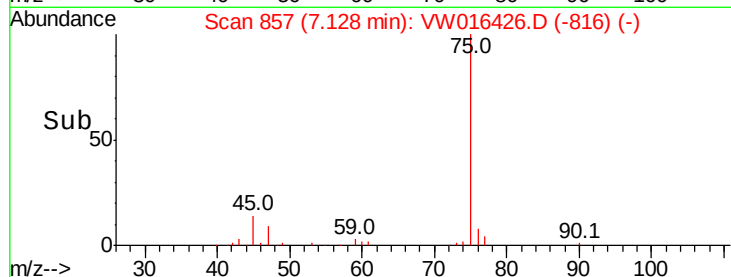
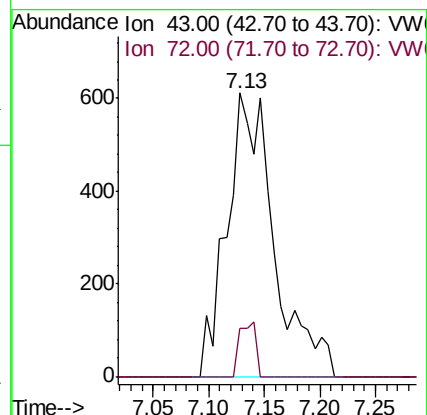
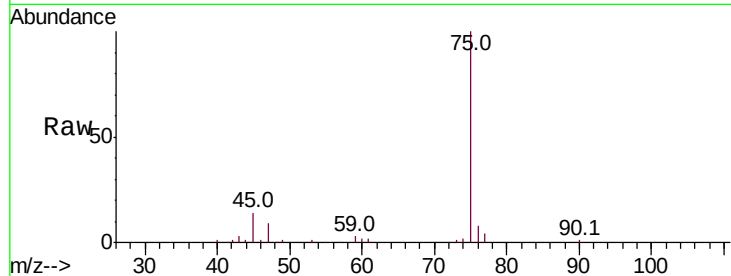
LINDEN-BH-03-B

Tot Ion: 43 Resp: 1794

Ion Ratio Lower Upper

43 100

72 17.0 26.7 40.1#



#26

2,2-Dichloropropane

Concen: 1.504 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW016426.D

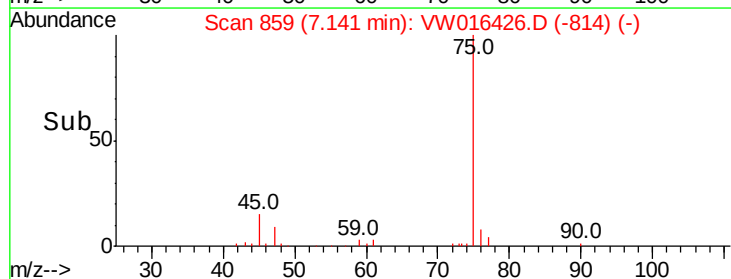
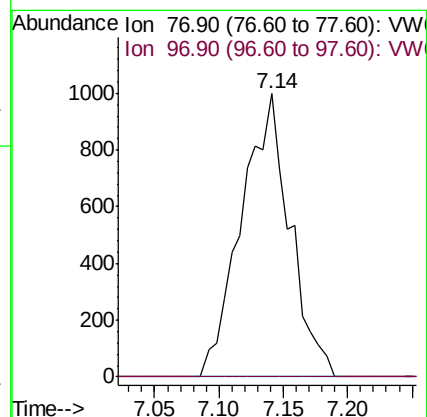
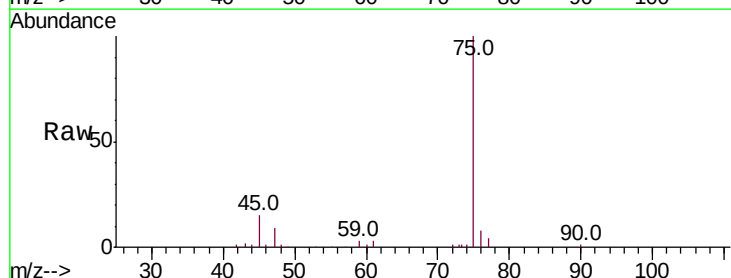
Acq: 31 Aug 2020 21:28

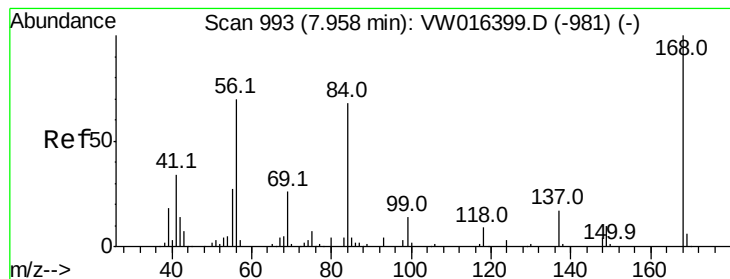
Tgt Ion: 77 Resp: 2611

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

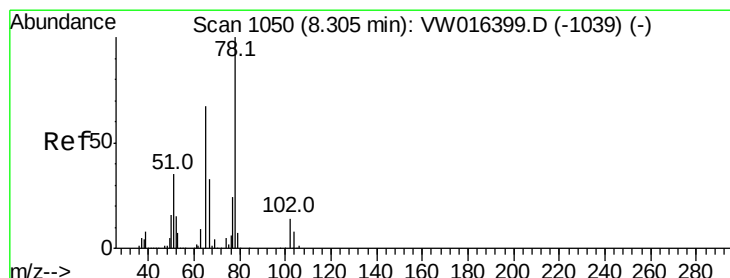
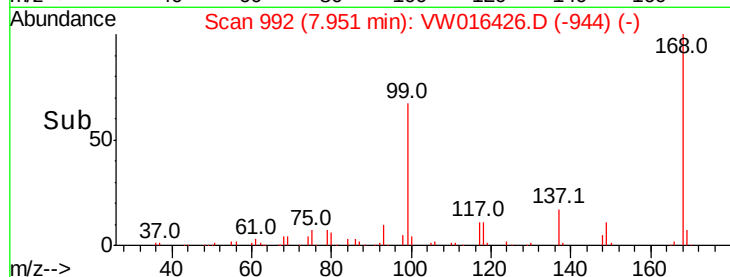
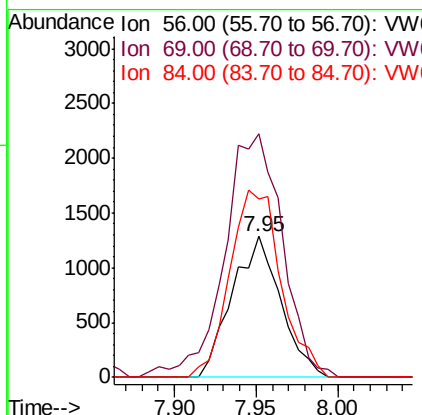
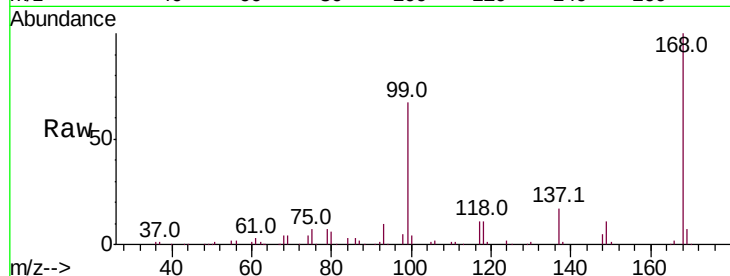




#31
 Cyclohexane
 Concen: 1.298 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

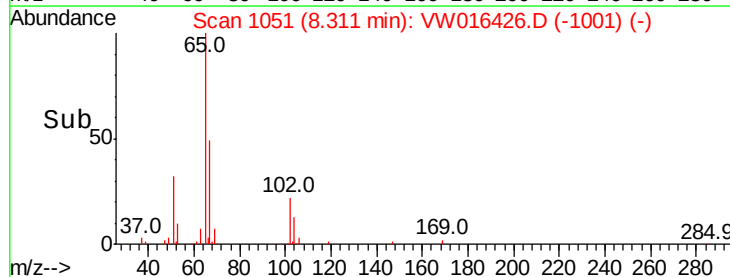
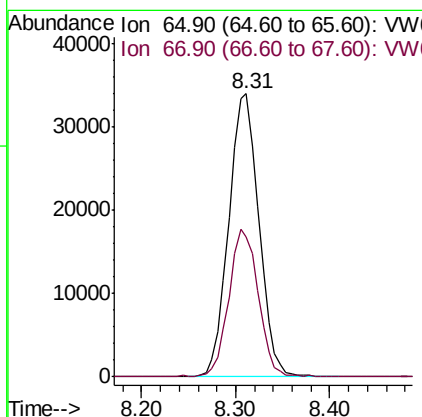
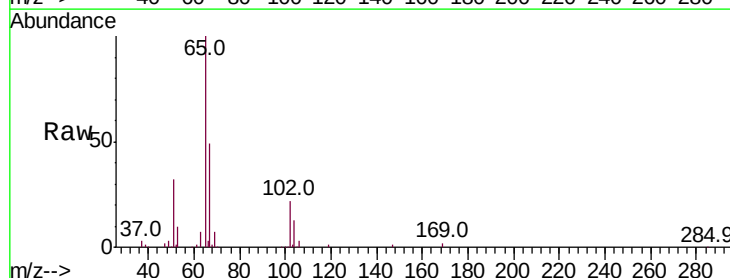
Instrument :
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 ClientSampleId :
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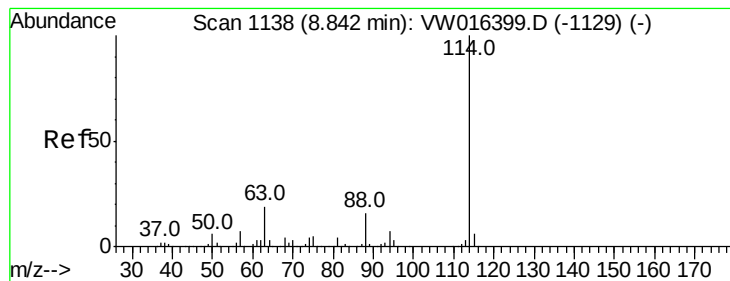
Tot Ion: 56 Resp: 2674
 Ion Ratio Lower Upper
 56 100
 69 173.1 30.0 45.0#
 84 127.1 77.4 116.2#



#33
 1,2-Dichloroethane-d4
 Concen: 57.148 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

Tgt Ion: 65 Resp: 75749
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

LINDEN-BH-03-B

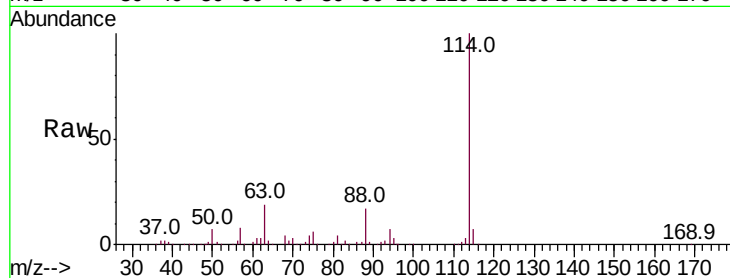
Tot Ion:114 Resp: 228941

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

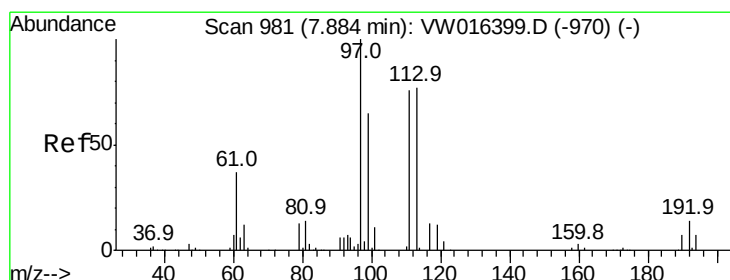
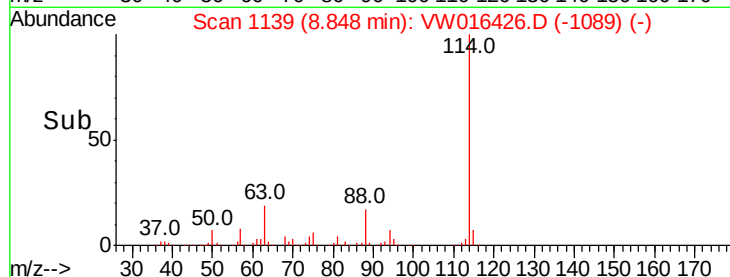
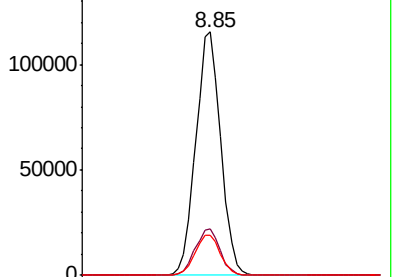
88 16.6 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 50.843 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

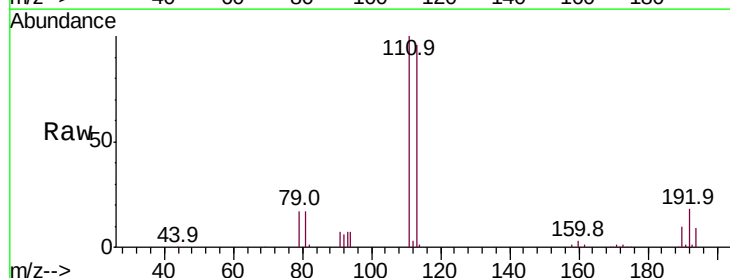
Tgt Ion:113 Resp: 73678

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

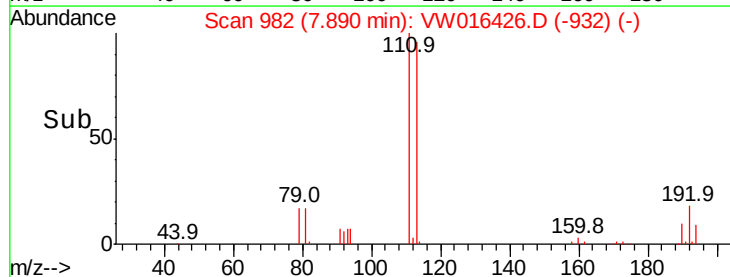
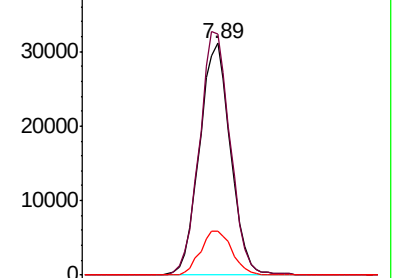
192 19.2 15.5 23.3

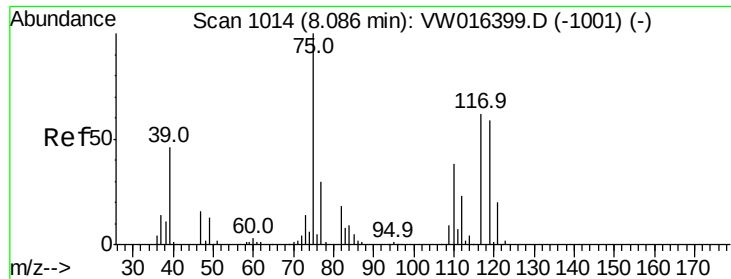


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

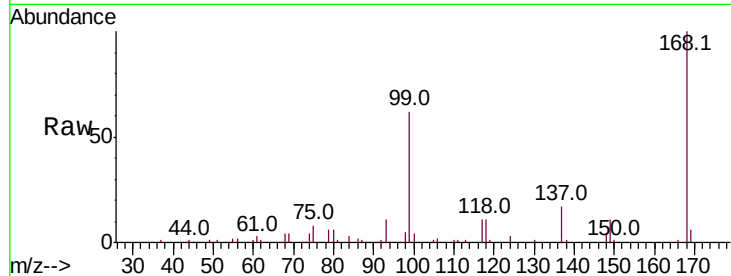




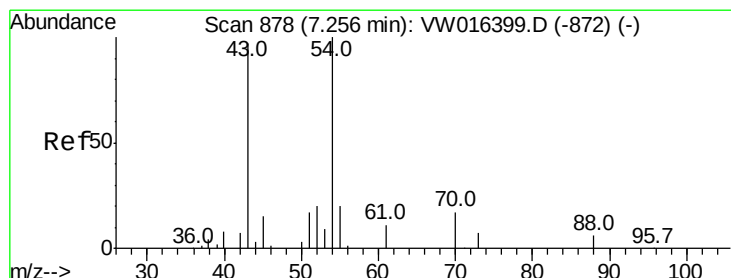
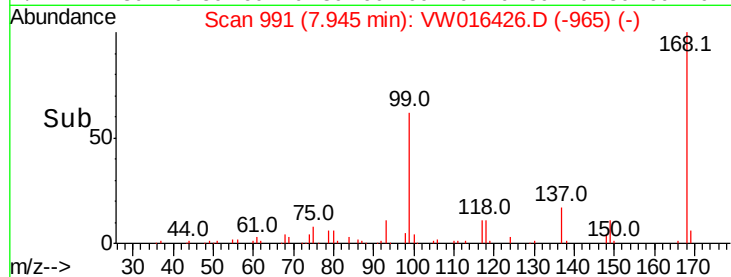
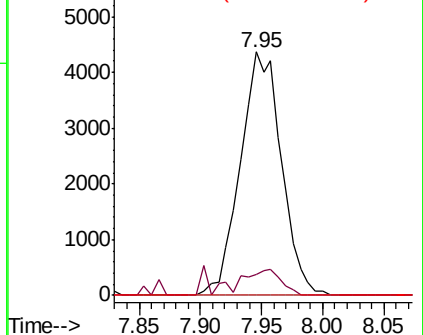
#36
 1,1-Dichloropropene
 Concen: 4.679 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

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

Tot Ion: 75 Resp: 10194
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.6 56.0#
 77 0.0 25.1 37.7#

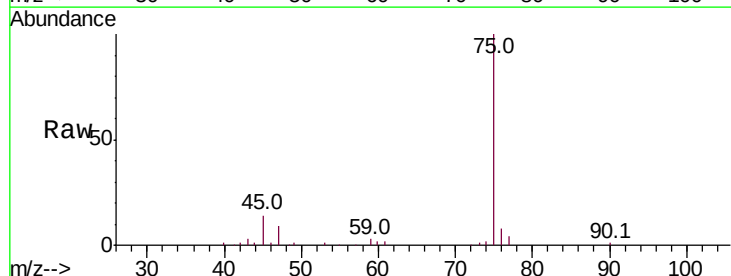


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): VW
 Ion 76.90 (76.60 to 77.60): VW

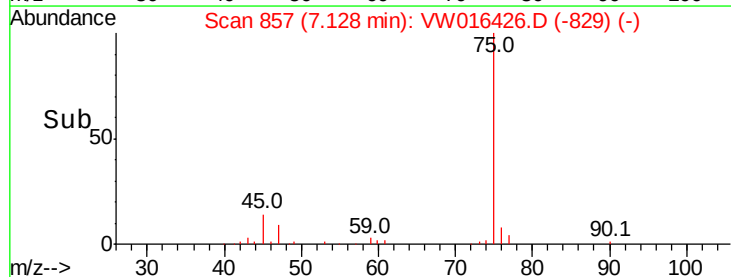
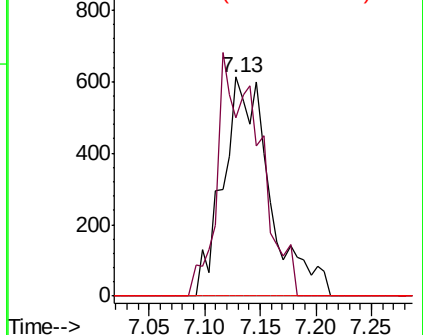


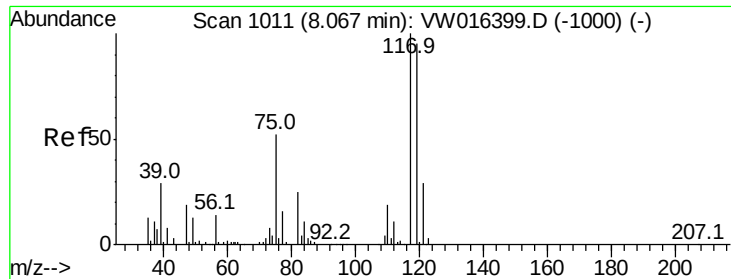
#37
 Ethyl Acetate
 Concen: 2.431 ug/l
 RT: 7.13 min Scan# 857
 Delta R.T. -0.13 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

Tgt Ion: 43 Resp: 1794
 Ion Ratio Lower Upper
 43 100
 61 45.7 11.5 17.3#
 70 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 70.00 (69.70 to 70.70): VW

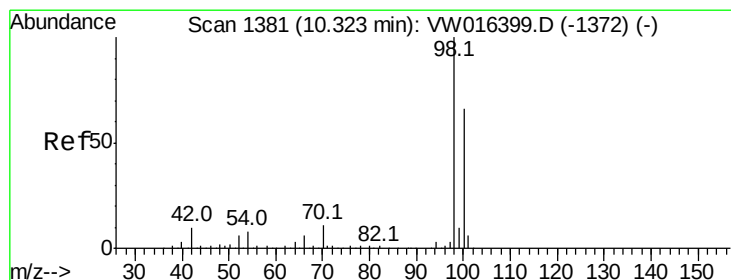
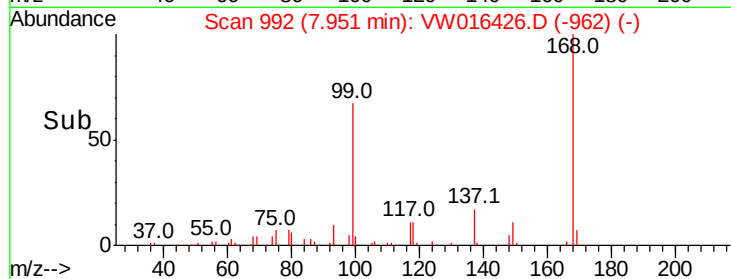
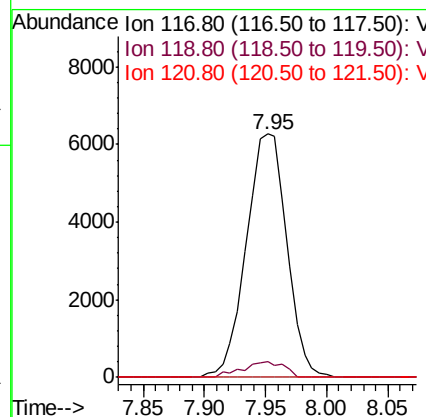
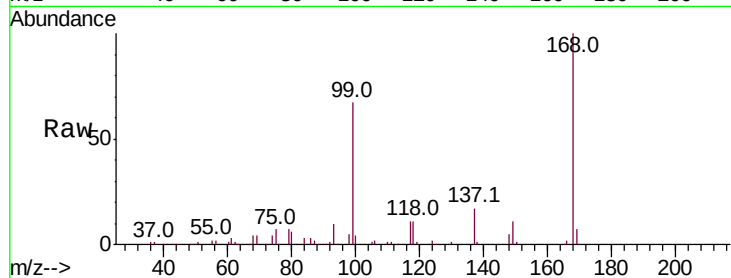




#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

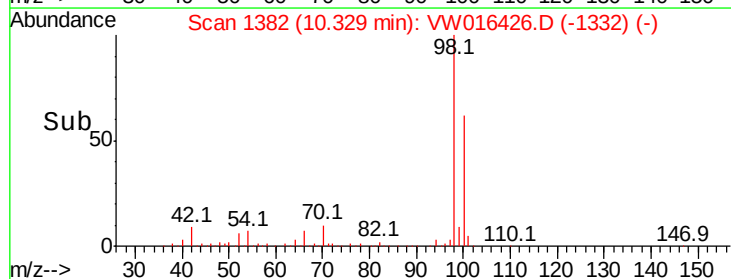
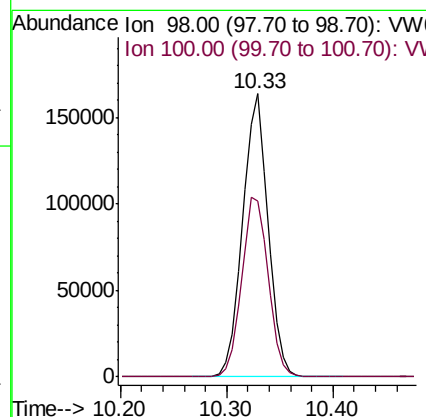
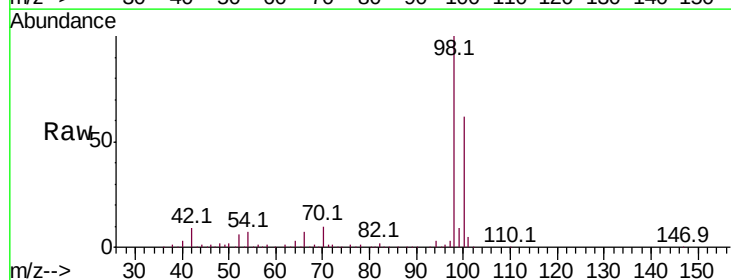
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MSVOA_W
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LINDEN-BH-03-B

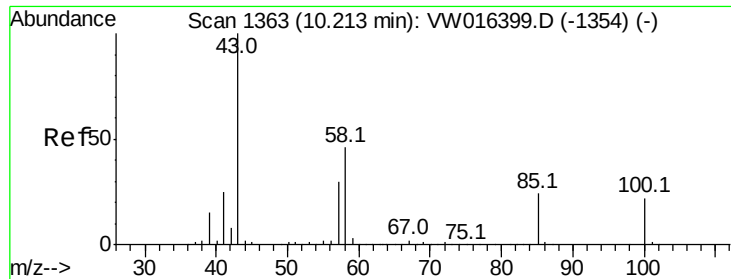
Tot Ion:117 Resp: 14447
Ion Ratio Lower Upper
117 100
119 6.4 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.748 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

Tgt Ion: 98 Resp: 275383
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 2.859 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

Instrument :

MSVOA_W

ClientSampleId :

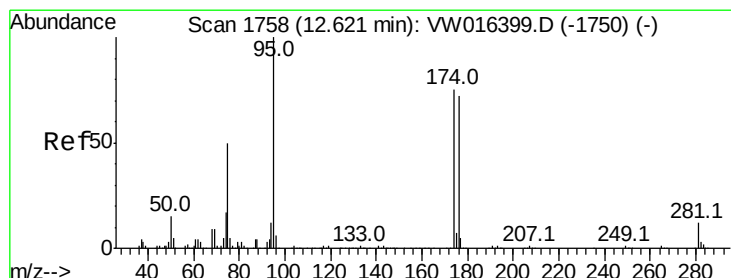
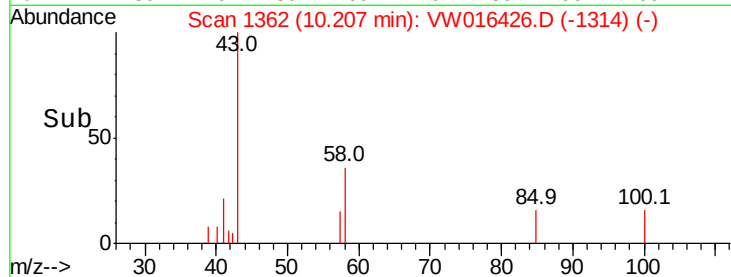
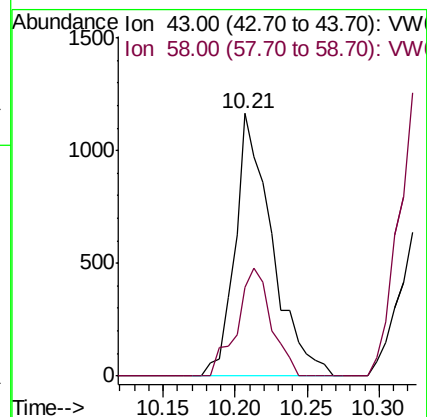
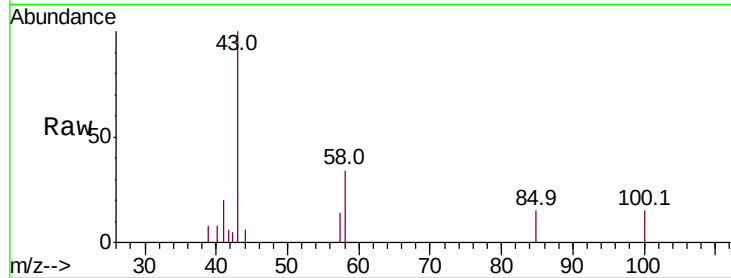
LINDEN-BH-03-B

Tot Ion: 43 Resp: 2082

Ion Ratio Lower Upper

43 100

58 37.8 35.4 53.0



#62

4-Bromofluorobenzene

Concen: 49.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016426.D

Acq: 31 Aug 2020 21:28

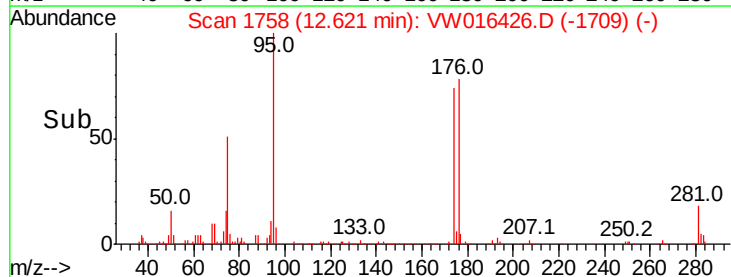
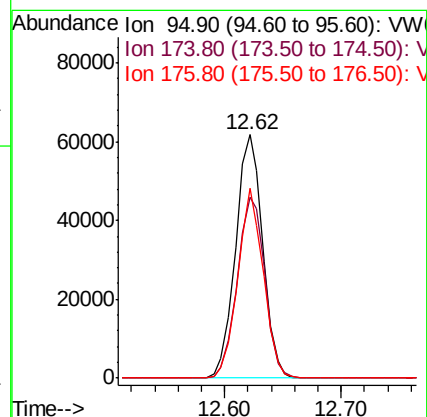
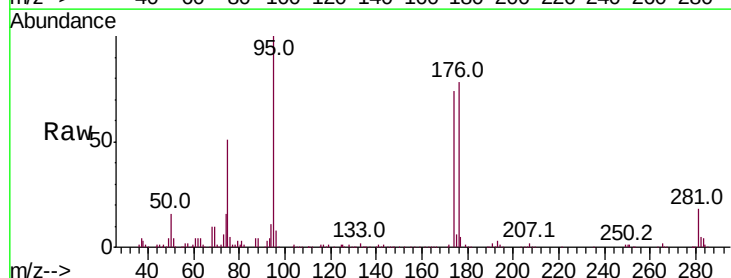
Tgt Ion: 95 Resp: 99809

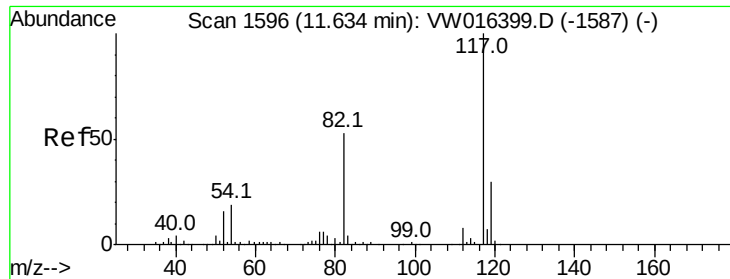
Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.0

176 73.8 0.0 145.6

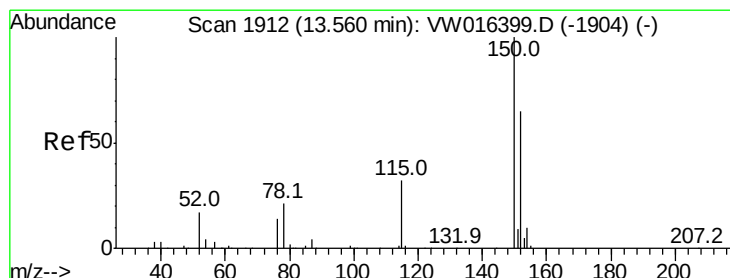
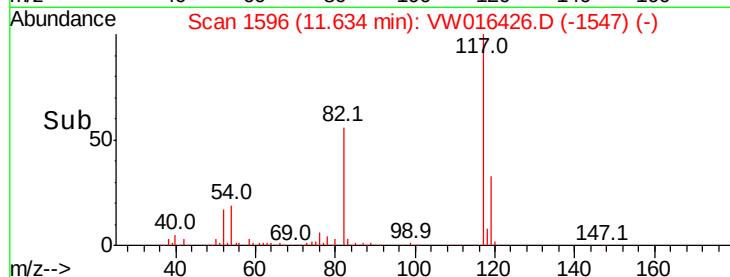
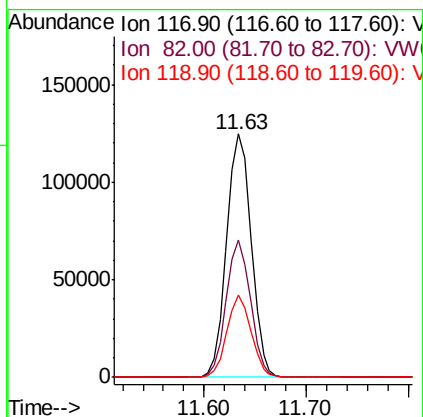
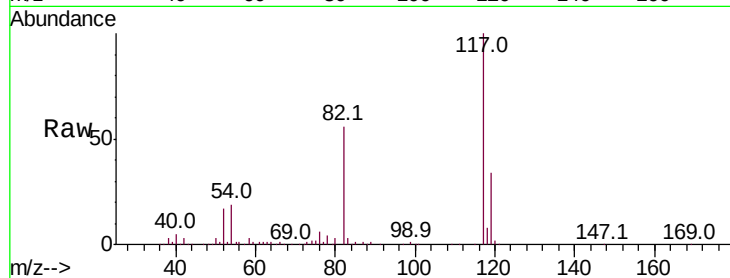




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

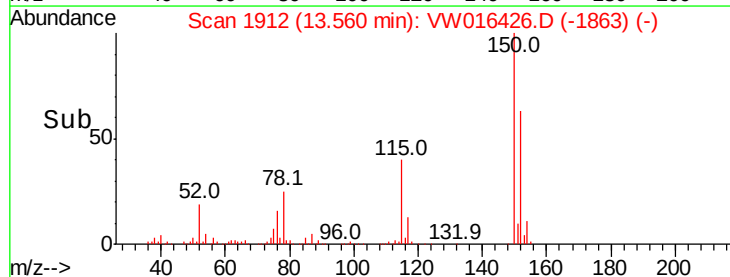
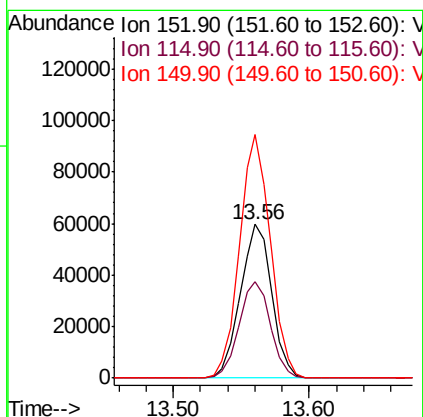
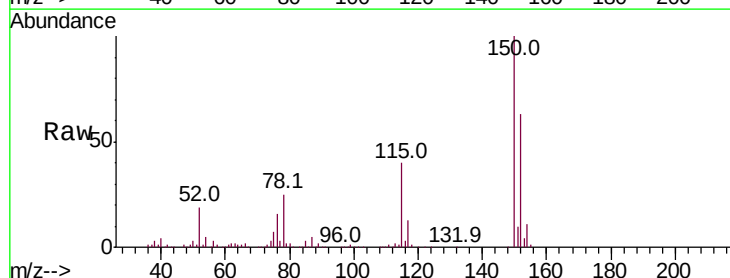
Instrument :
MSVOA_W
ClientSampleId :
LINDEN-BH-03-B

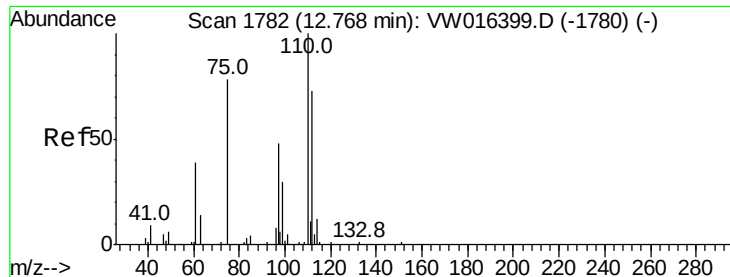
Tot Ion:117 Resp: 208579
Ion Ratio Lower Upper
117 100
82 56.3 42.2 63.4
119 33.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016426.D
Acq: 31 Aug 2020 21:28

Tgt Ion:152 Resp: 95908
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.5
150 155.9 0.0 351.0

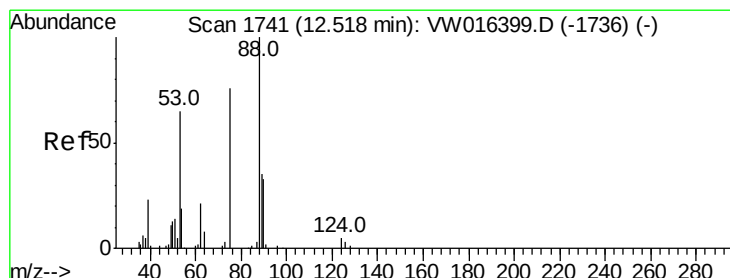
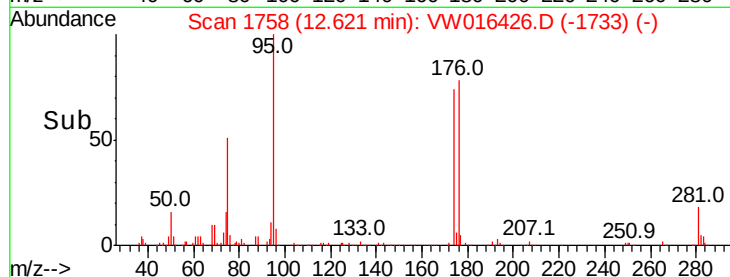
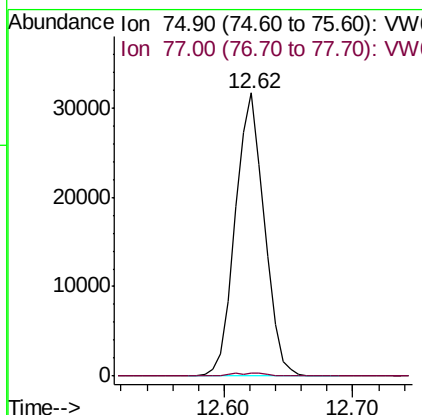
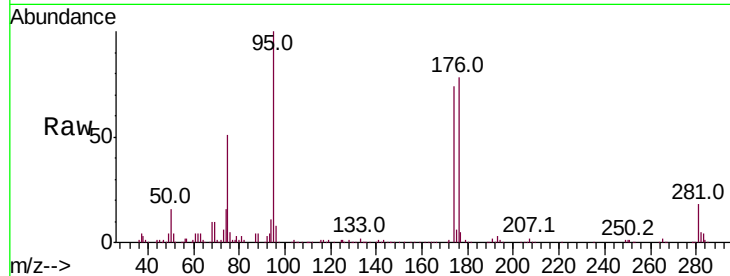




#76
 1,2,3-Trichloropropane
 Concen: 58.372 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

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

Tot Ion: 75 Resp: 49504
 Ion Ratio Lower Upper
 75 100
 77 1.4 173.4 520.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.597 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW016426.D
 Acq: 31 Aug 2020 21:28

Tgt Ion: 75 Resp: 49504
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.3 40.4 60.6#

