

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062862.D
 Acq On : 12 Aug 2020 16:58
 Operator : JC/MD
 Sample : L3666-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200811

Quant Time: Aug 13 05:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	214040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83438	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	107435	52.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.42%	
35) Dibromofluoromethane	7.55	113	74968	51.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.40%	
50) Toluene-d8	10.06	98	284142	49.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.38	95	106702	49.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.80%	

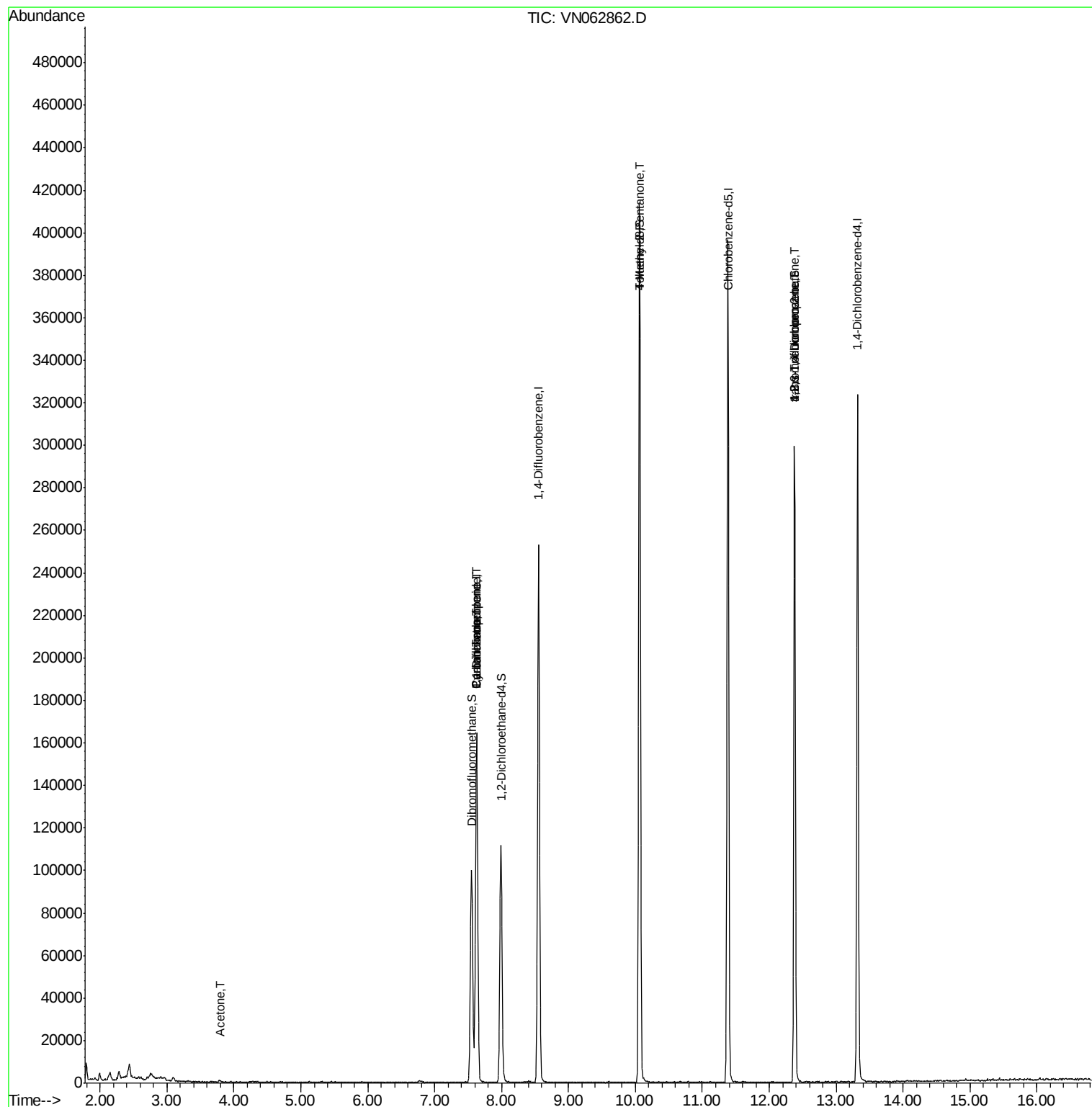
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1334	1.794	ug/l	99
17) Carbon Disulfide	4.02	76	99	Below Cal	#	74
18) Methyl Acetate	4.28	43	287	Below Cal	#	74
20) Methylene Chloride	4.50	84	31	Below Cal	#	5
31) Cyclohexane	7.62	56	3127	1.253	ug/l	# 25
36) 1,1-Dichloropropene	7.63	75	10036	4.815	ug/l	# 52
38) Carbon Tetrachloride	7.63	117	13548	5.496	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.06	43	1364	0.581	ug/l	# 1
76) 1,2,3-Trichloropropane	12.38	75	56555	25.133	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.38	75	56555	76.724	ug/l	# 10

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

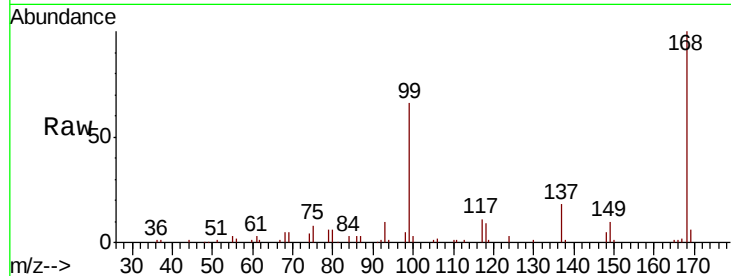
BP-VPB179-DUP-20200811

Tot Ion:168 Resp: 124444

Ion Ratio Lower Upper

168 100

99 66.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

60000

50000

40000

30000

20000

10000

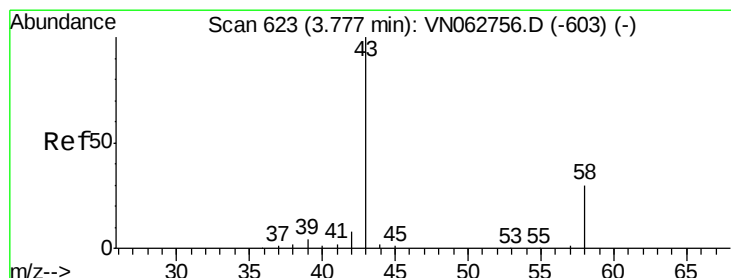
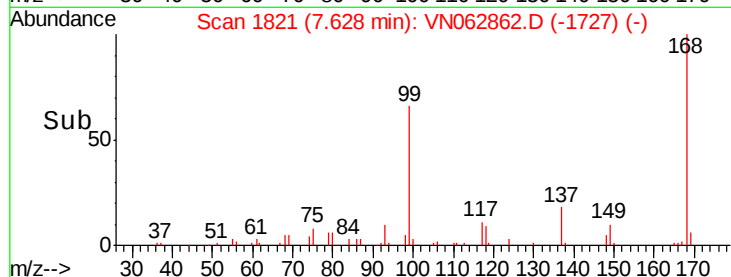
0

7.50

7.60

7.70

Time-->



#16

Acetone

Concen: 1.794 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062862.D

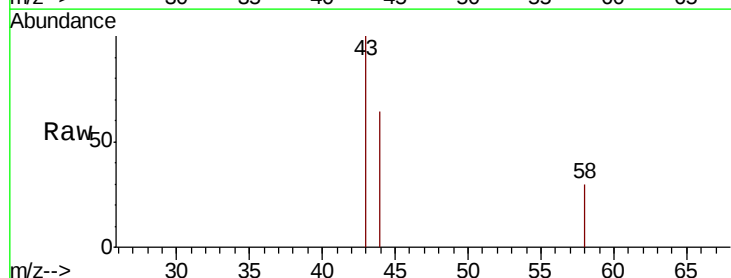
Acq: 12 Aug 2020 16:58

Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

58 29.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

800

600

400

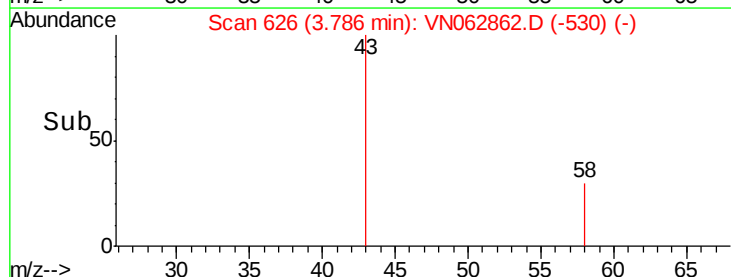
200

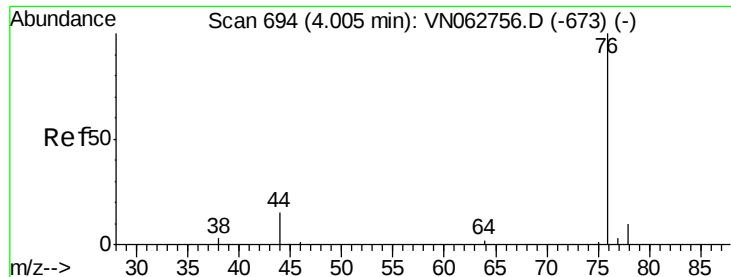
0

3.75

3.80

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

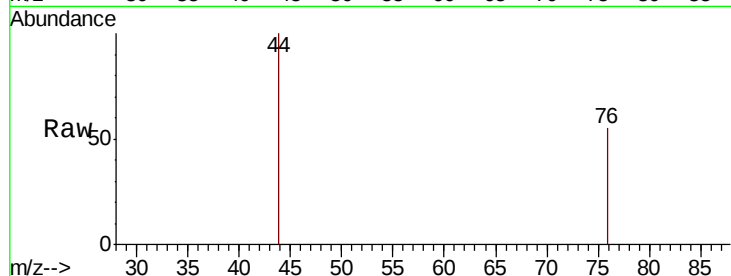
BP-VPB179-DUP-20200811

Tot Ion: 76 Resp: 99

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

200

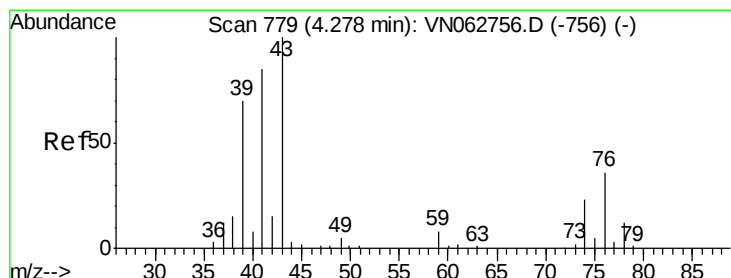
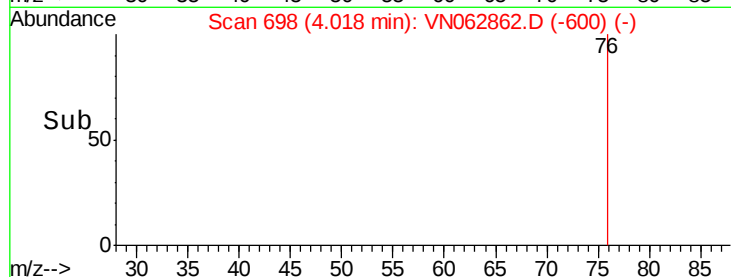
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062862.D

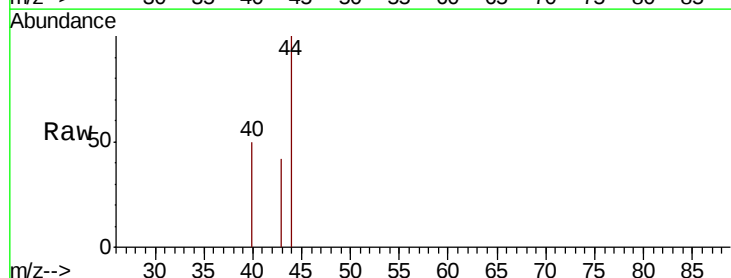
Acq: 12 Aug 2020 16:58

Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

74 10.5 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

250

200

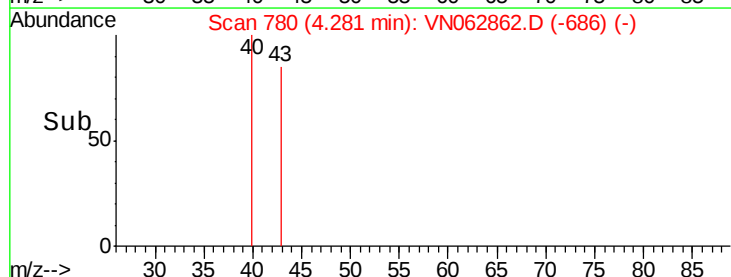
150

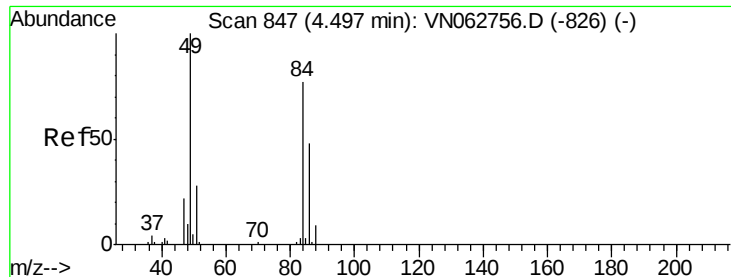
100

50

0

Time-->

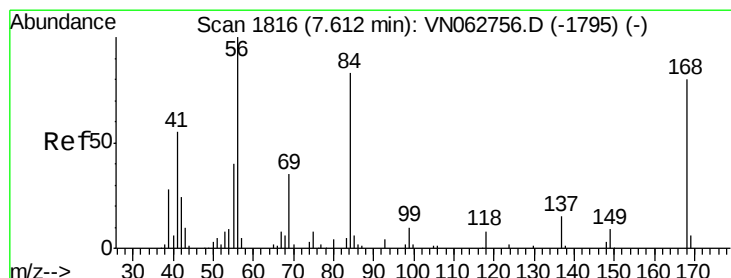
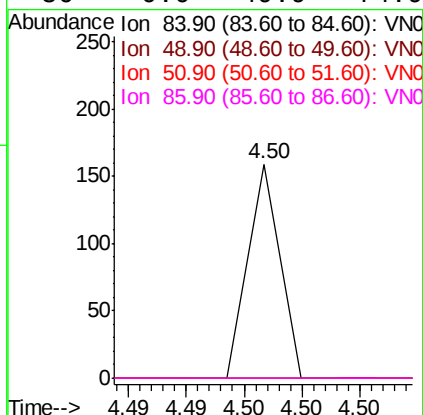
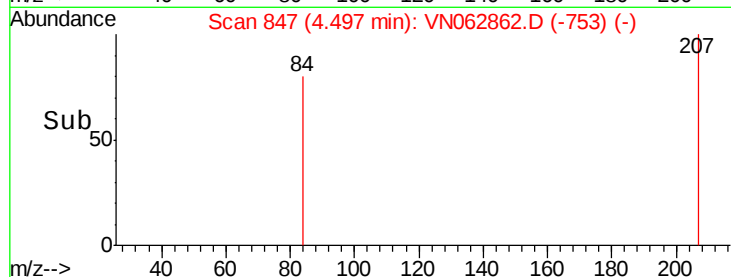
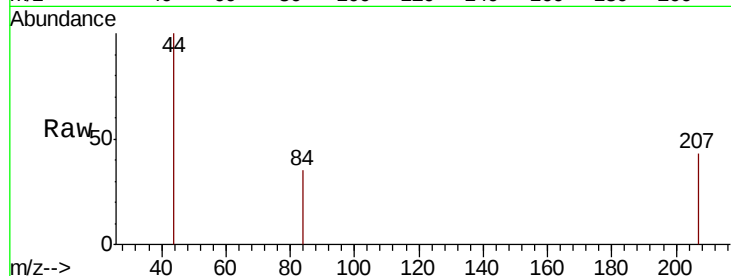




#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062862.D
Acq: 12 Aug 2020 16:58

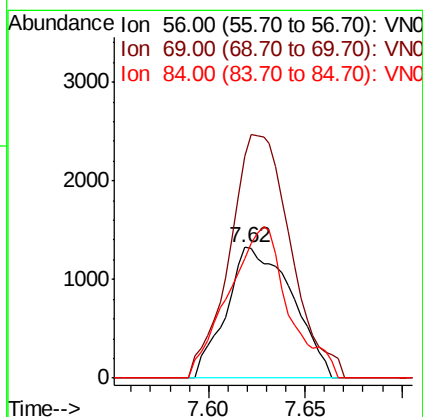
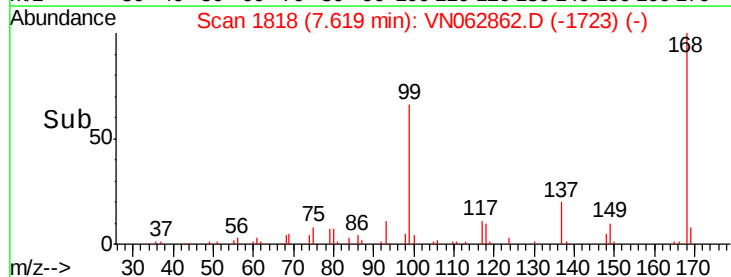
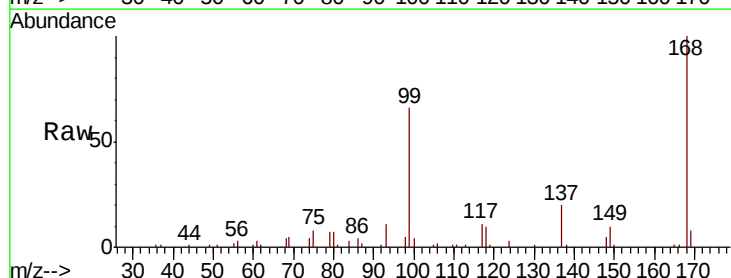
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-DUP-20200811

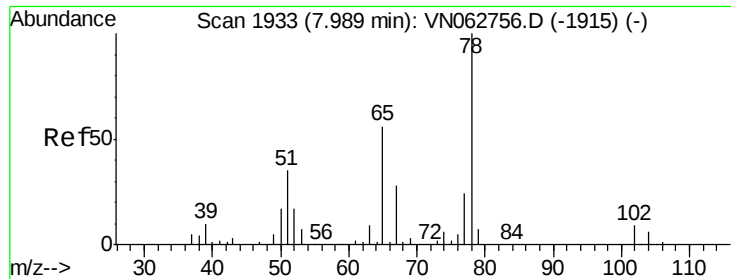
Tot Ion: 84 Resp: 31
Ion Ratio Lower Upper
84 100
49 0.0 103.4 155.2#
51 0.0 29.3 43.9#
86 0.0 49.9 74.9#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062862.D
Acq: 12 Aug 2020 16:58

Tgt Ion: 56 Resp: 3127
Ion Ratio Lower Upper
56 100
69 169.8 28.1 42.1#
84 91.8 66.8 100.2

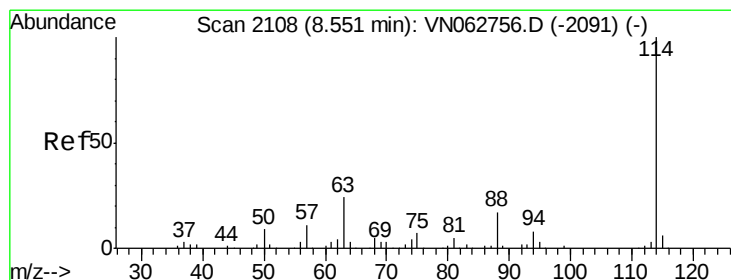
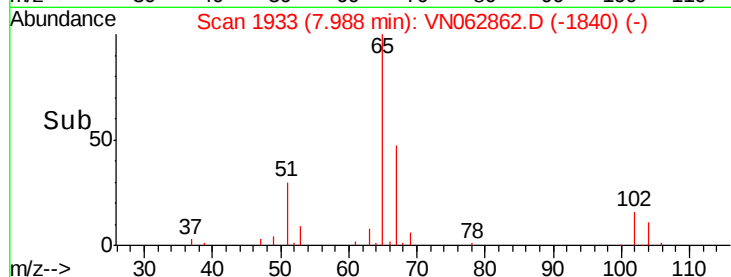
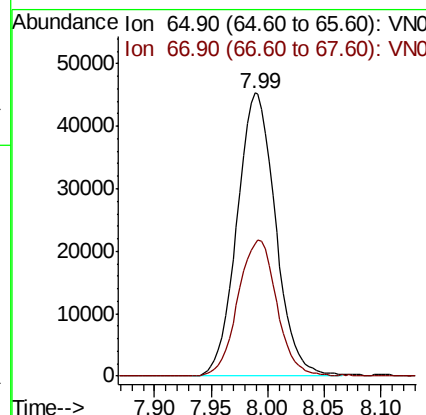
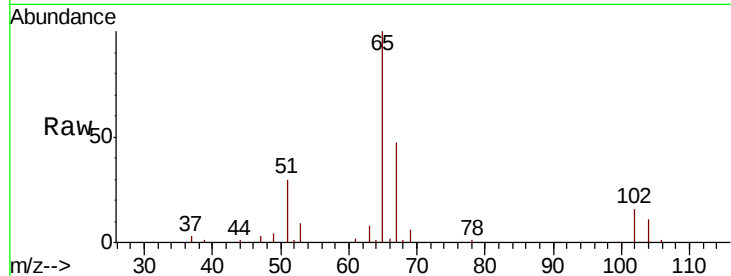




#33
 1,2-Dichloroethane-d4
 Concen: 52.206 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

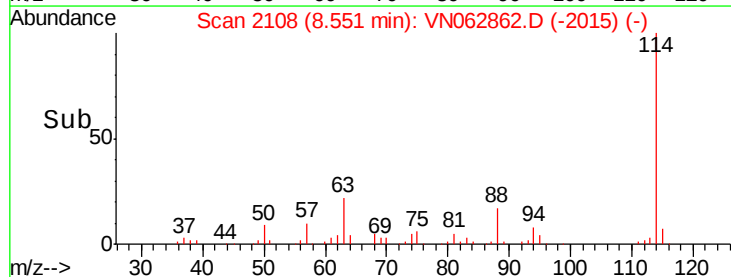
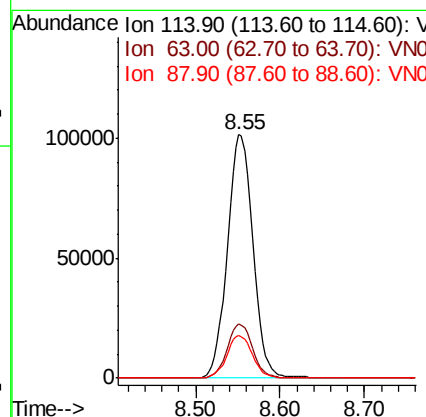
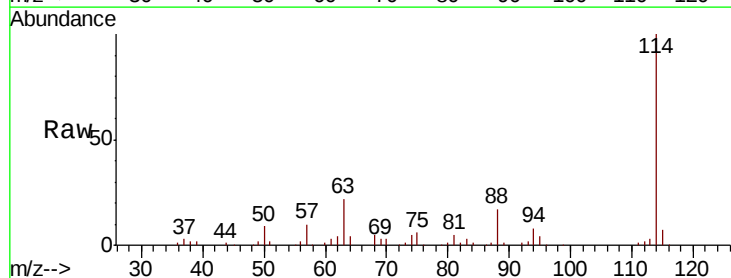
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200811

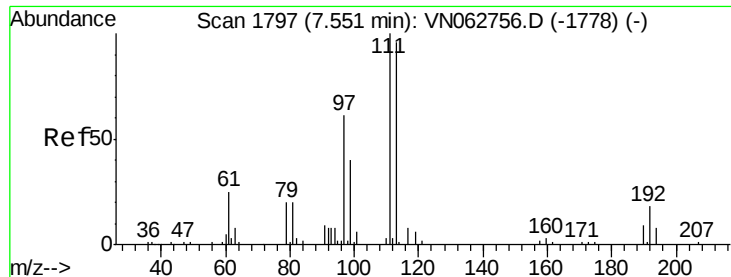
Tot Ion: 65 Resp: 107435
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

Tgt Ion: 114 Resp: 214040
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.6
 88 17.3 0.0 34.4





#35

Dibromofluoromethane

Concen: 51.202 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-DUP-20200811

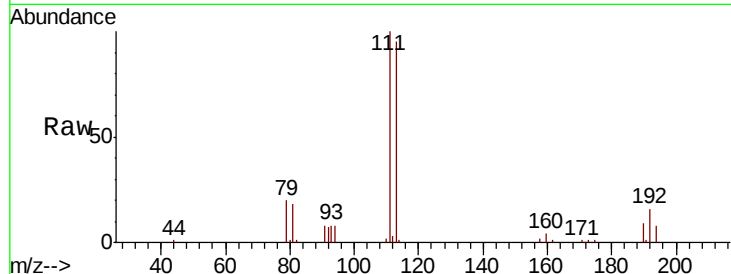
Tot Ion:113 Resp: 74968

Ion Ratio Lower Upper

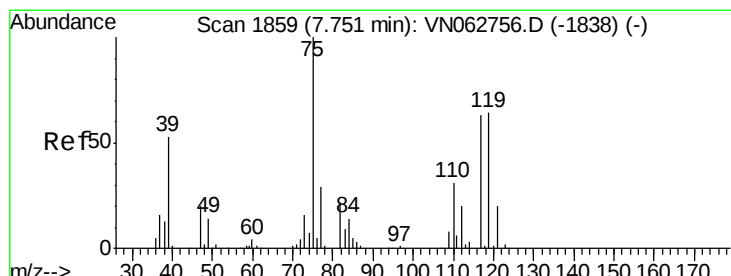
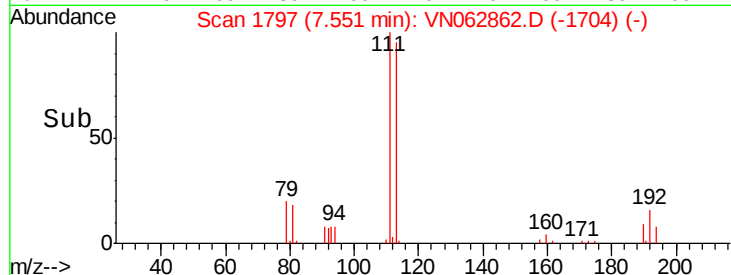
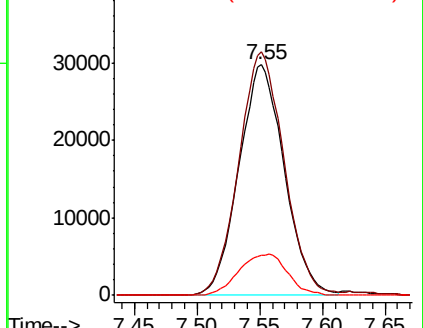
113 100

111 105.2 81.8 122.6

192 19.1 15.0 22.4



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: 4.815 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.12 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

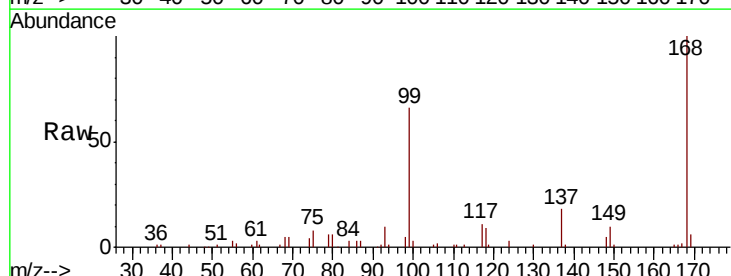
Tgt Ion: 75 Resp: 10036

Ion Ratio Lower Upper

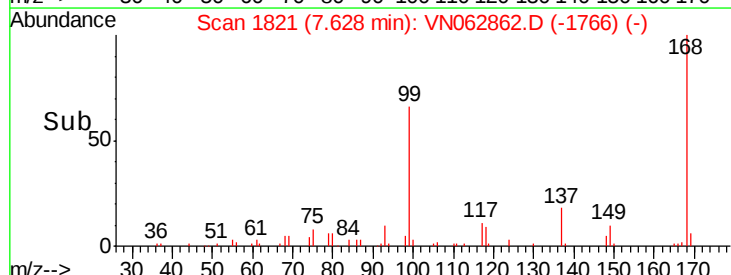
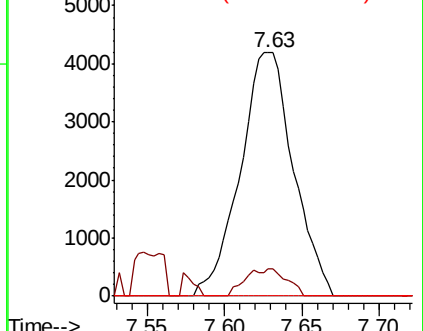
75 100

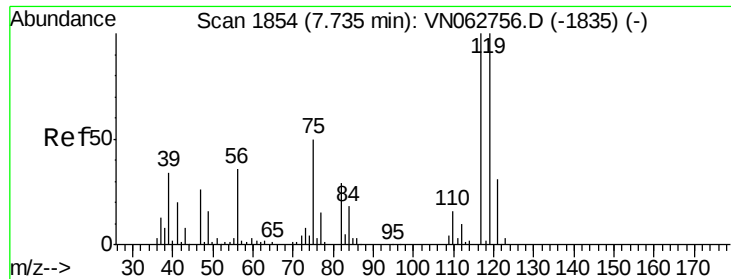
110 8.6 15.6 46.7#

77 0.0 24.1 36.1#



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





#38

Carbon Tetrachloride

Concen: 5.496 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200811

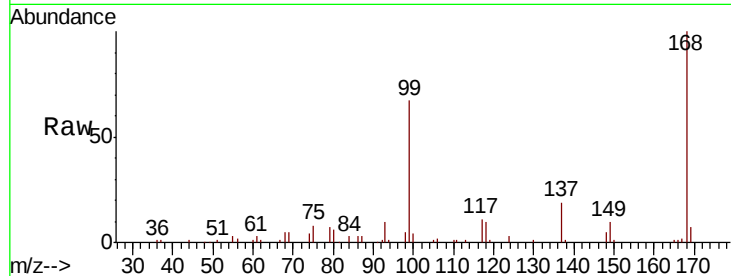
Tot Ion:117 Resp: 13548

Ion Ratio Lower Upper

117 100

119 5.5 79.4 119.2#

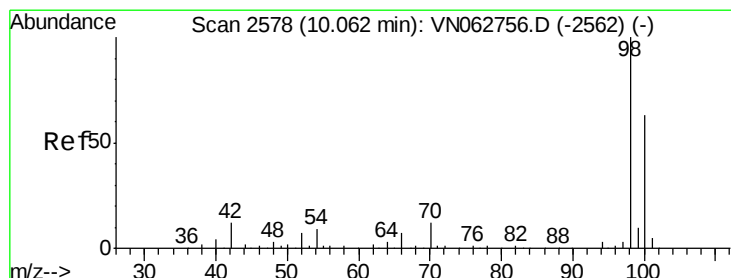
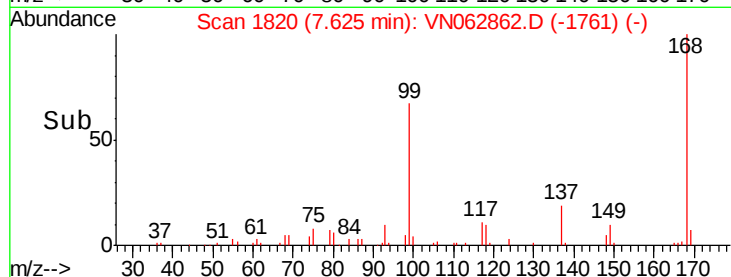
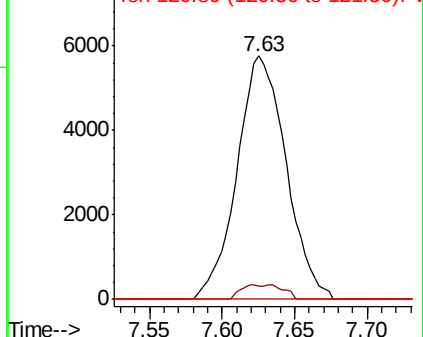
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.708 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062862.D

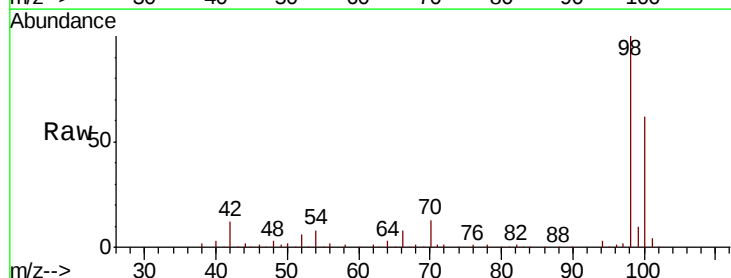
Acq: 12 Aug 2020 16:58

Tgt Ion: 98 Resp: 284142

Ion Ratio Lower Upper

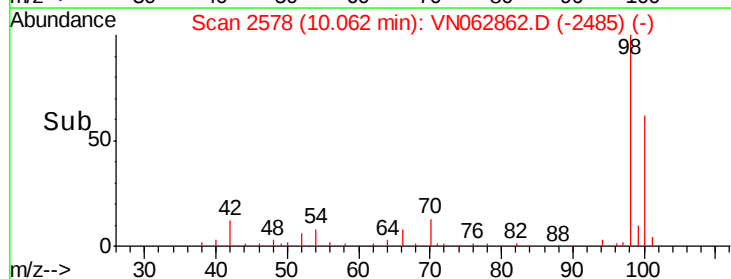
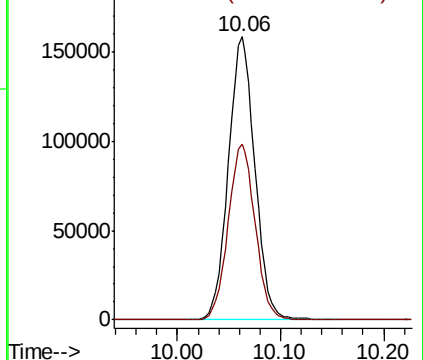
98 100

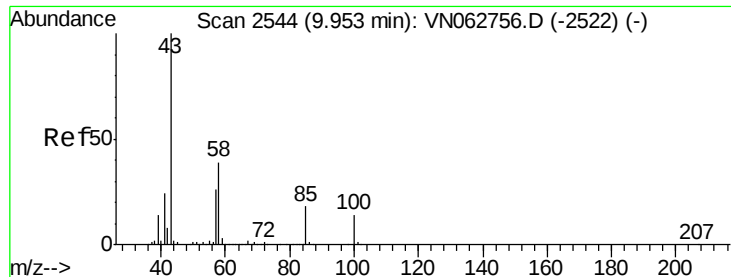
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

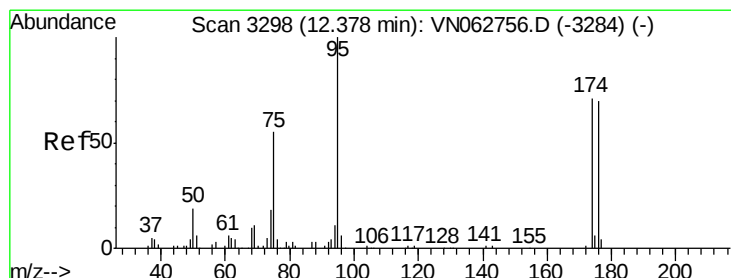
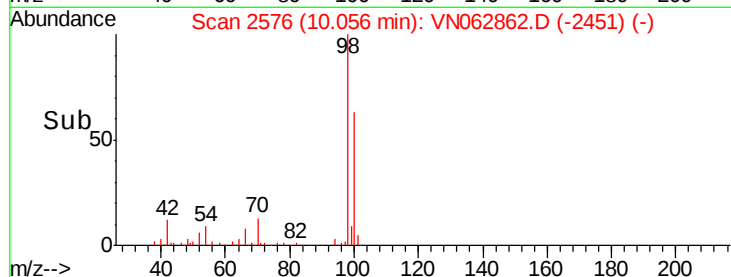
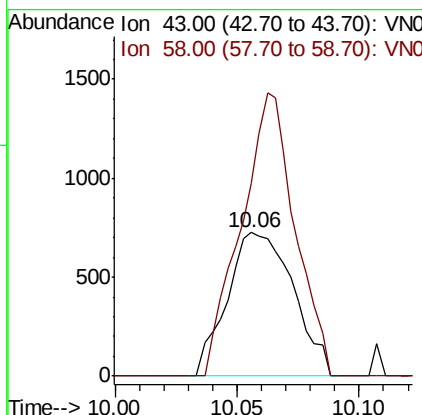
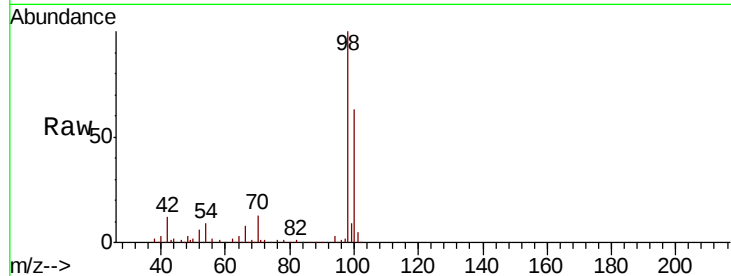




#51
 4-Methyl-2-Pentanone
 Concen: 0.581 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. 0.10 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

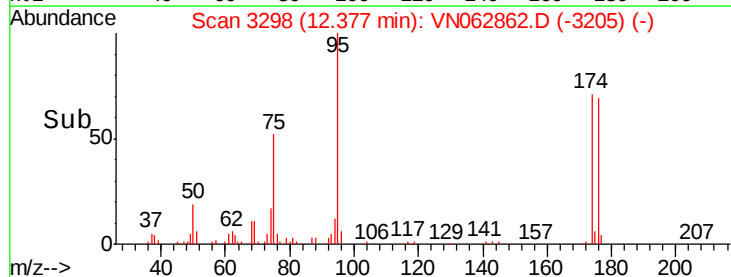
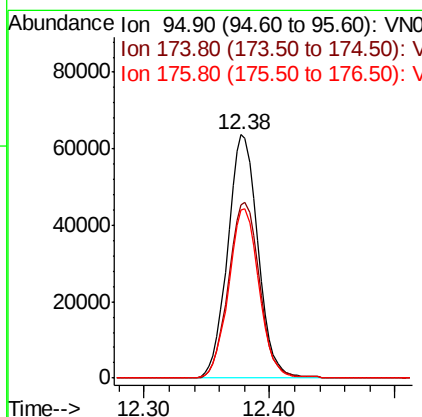
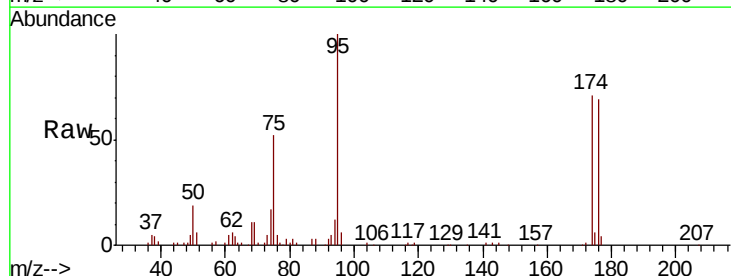
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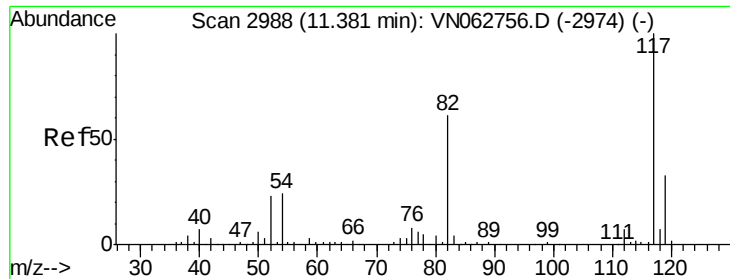
Tot Ion: 43 Resp: 1364
 Ion Ratio Lower Upper
 43 100
 58 160.5 31.1 46.7#



#62
 4-Bromofluorobenzene
 Concen: 49.396 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

Tgt Ion: 95 Resp: 106702
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 144.8
 176 70.2 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200811

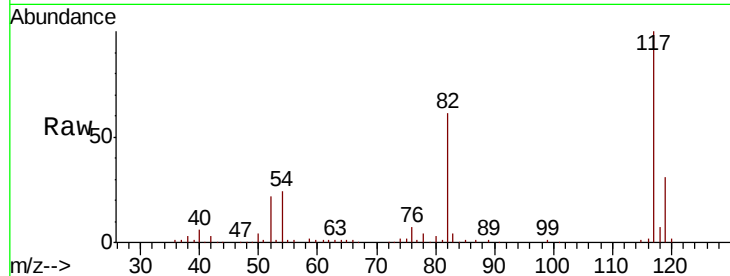
Tot Ion:117 Resp: 221822

Ion Ratio Lower Upper

117 100

82 60.7 49.0 73.4

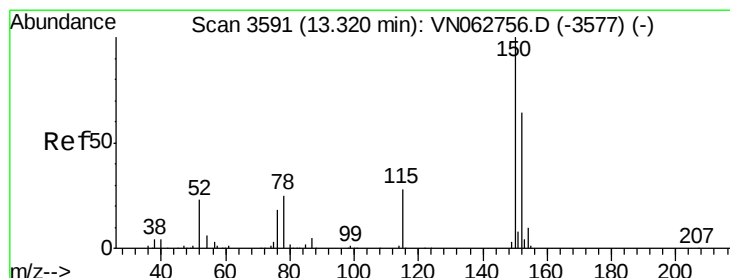
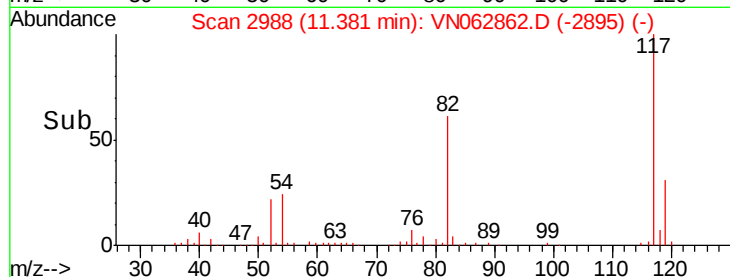
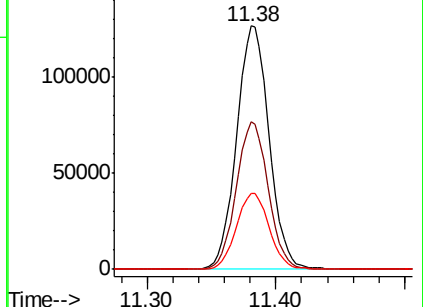
119 31.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062862.D

Acq: 12 Aug 2020 16:58

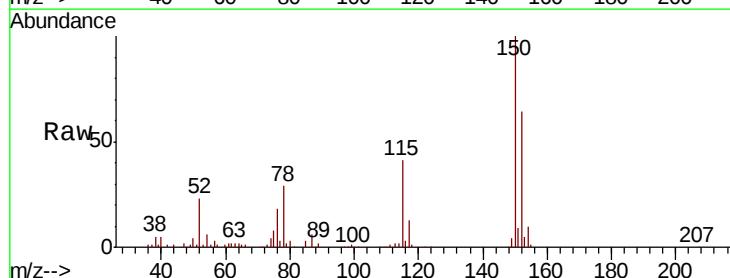
Tgt Ion:152 Resp: 83438

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

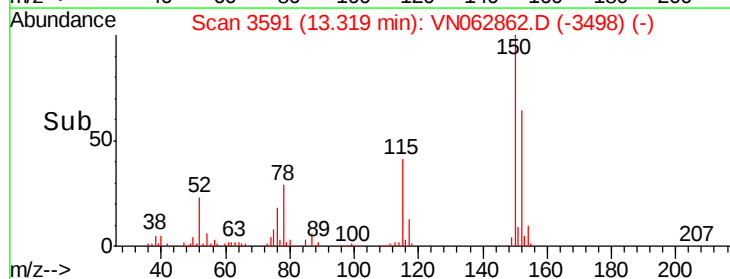
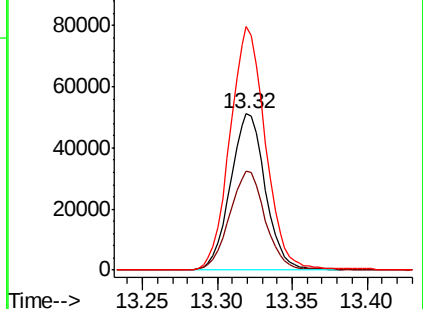
150 157.0 0.0 349.2

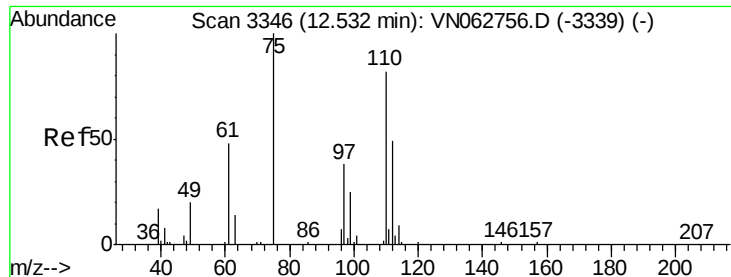


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

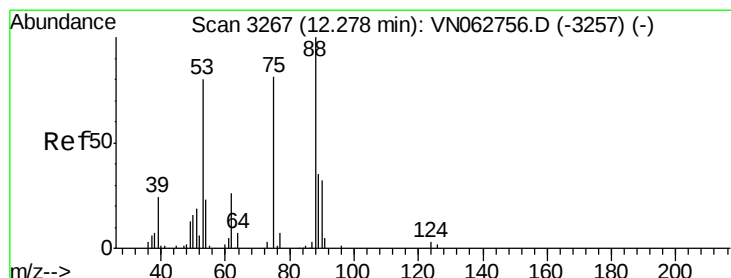
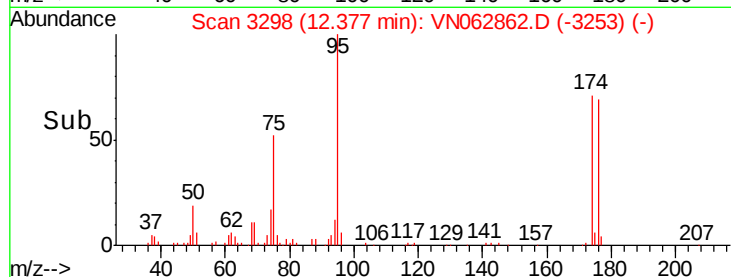
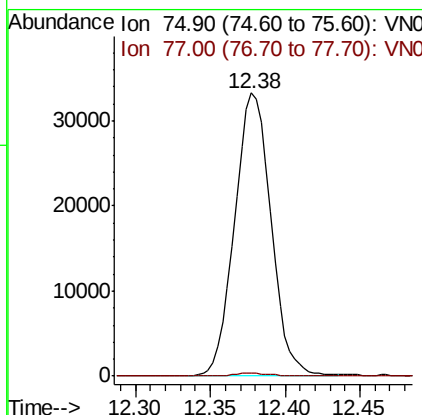
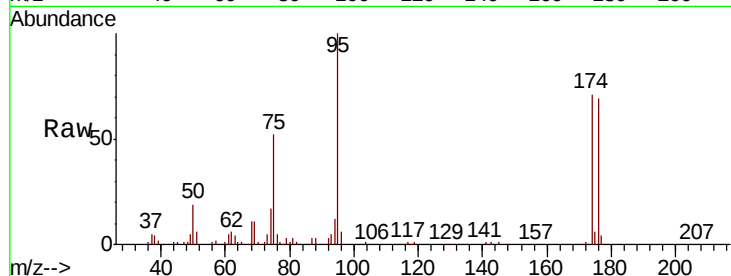




#76
 1,2,3-Trichloropropane
 Concen: 25.133 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200811

Tot Ion: 75 Resp: 56555
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.724 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062862.D
 Acq: 12 Aug 2020 16:58

Tgt Ion: 75 Resp: 56555
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#

