

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061168.D
 Acq On : 28 Apr 2020 16:50
 Operator : JC/MD
 Sample : L2412-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-DUP-20200423

Quant Time: Apr 29 07:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	95121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	165667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73788	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	77307	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
35) Dibromofluoromethane	7.55	113	52067	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.06	98	213195	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.38	95	80524	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	

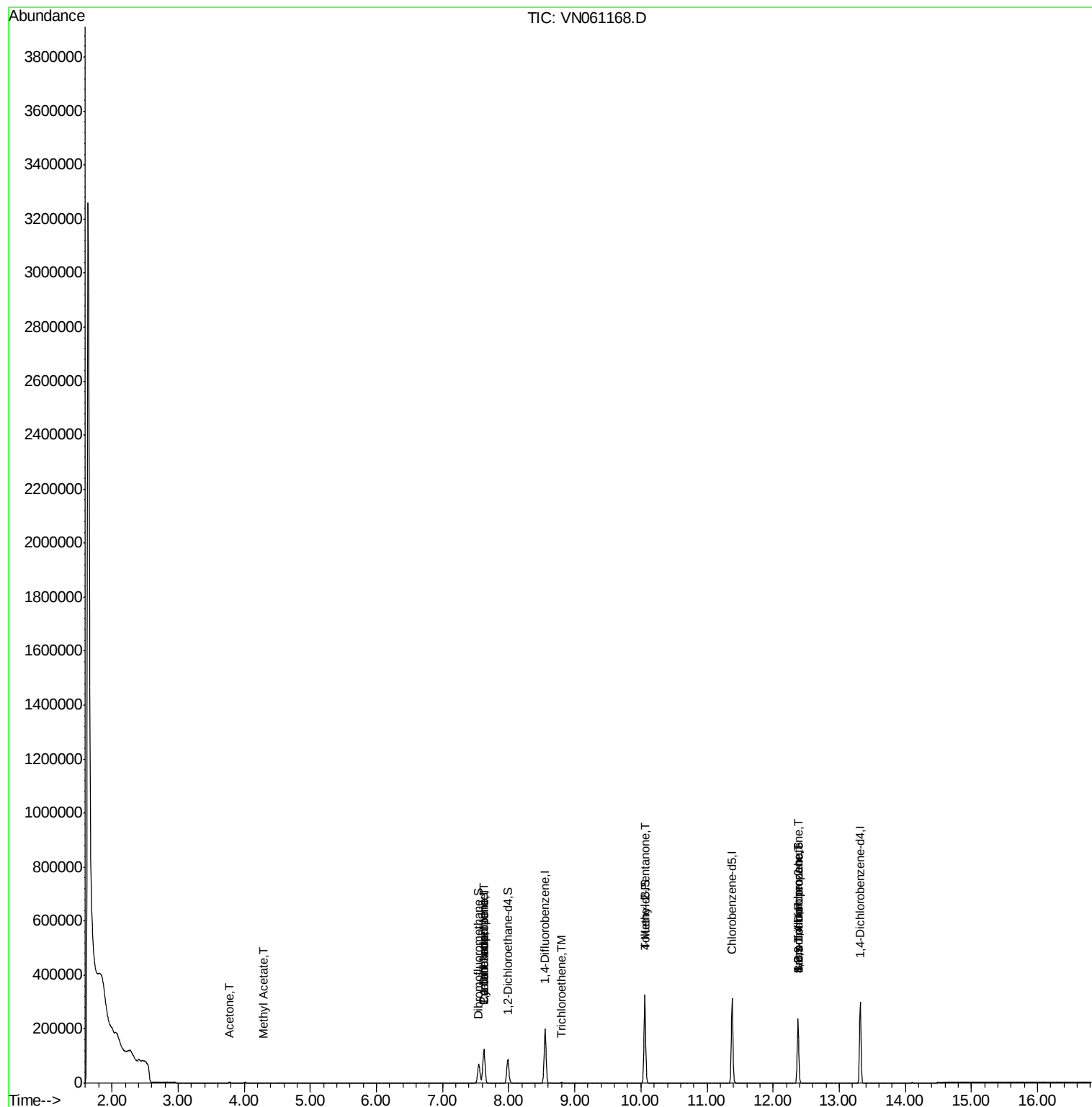
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5021	3.171	ug/l	96
18) Methyl Acetate	4.29	43	171	0.768	ug/l #	55
31) Cyclohexane	7.63	56	2505	1.144	ug/l #	10
36) 1,1-Dichloropropene	7.62	75	8384	4.934	ug/l #	49
38) Carbon Tetrachloride	7.63	117	10520	7.742	ug/l #	16
44) Trichloroethene	8.80	130	943	0.689	ug/l	82
51) 4-Methyl-2-Pentanone	10.06	43	1169	0.601	ug/l #	1
71) Bromoform	12.37	173	191	0.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	44923	28.877	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	44923	73.333	ug/l #	8

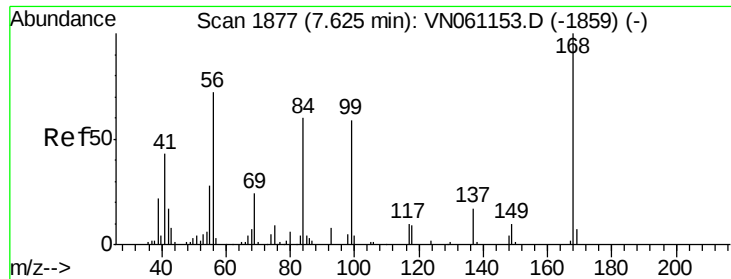
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

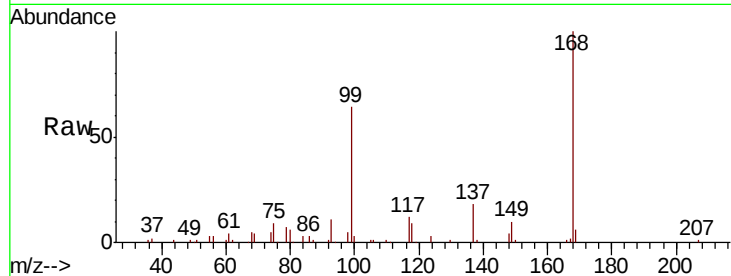
BP-VPB180-DUP-20200423

Tot Ion:168 Resp: 95121

Ion Ratio Lower Upper

168 100

99 64.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061168.D (-1784) (-)

Ion 98.90 (98.60 to 99.60): VN061168.D (-1784) (-)

7.63

40000

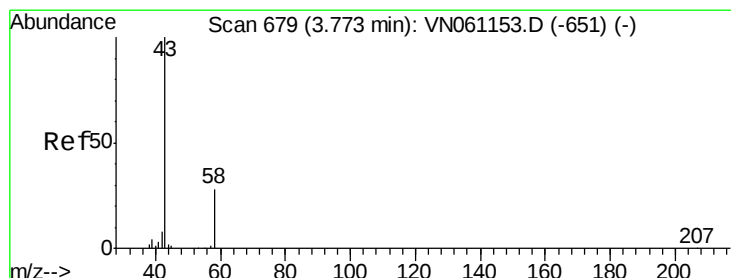
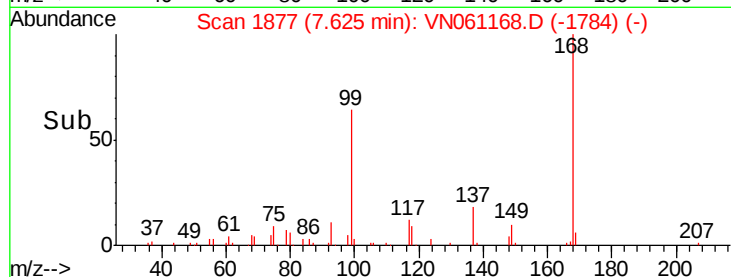
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 3.171 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061168.D

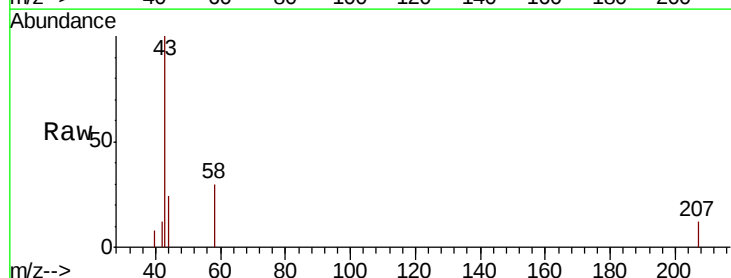
Acq: 28 Apr 2020 16:50

Tgt Ion: 43 Resp: 5021

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061168.D (-586) (-)

Ion 58.00 (57.70 to 58.70): VN061168.D (-586) (-)

3.78

2000

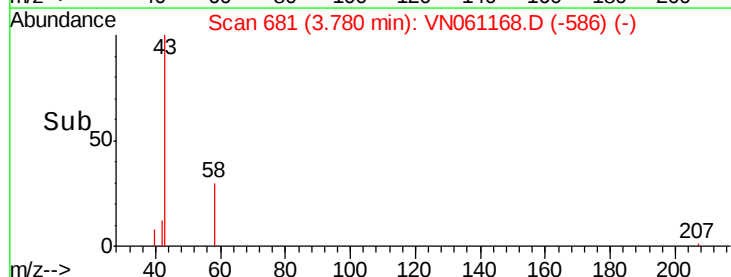
1500

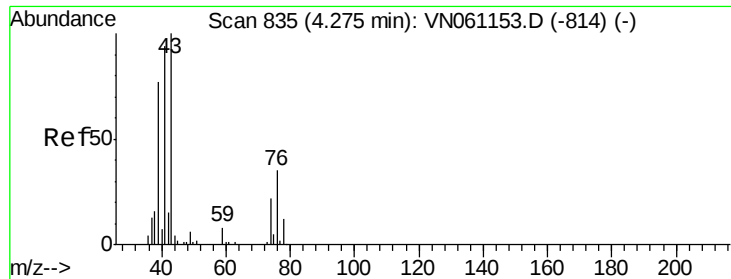
1000

500

0

Time--> 3.70 3.75 3.80 3.85

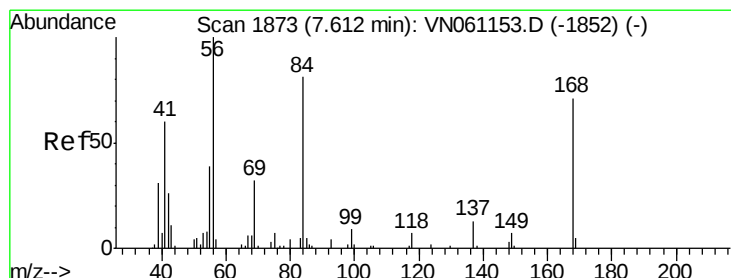
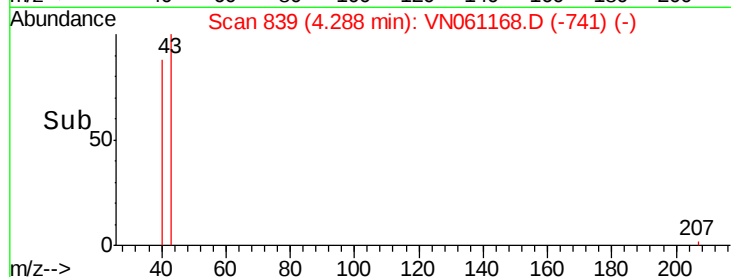
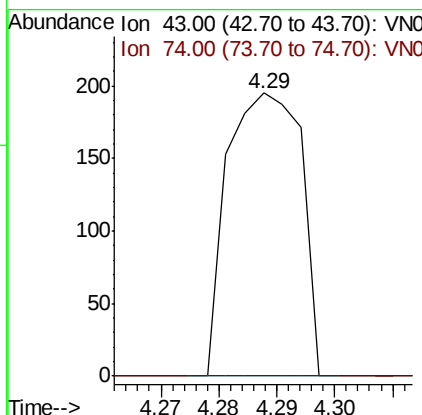
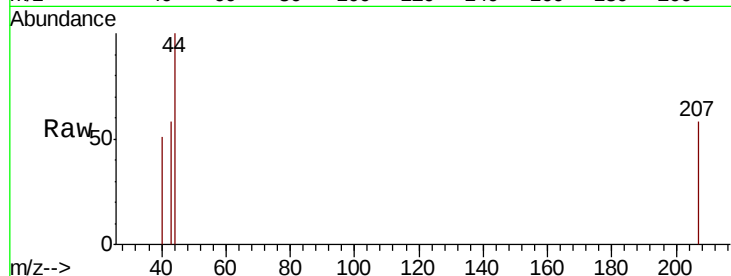




#18
Methvl Acetate
Concen: 0.768 ug/l
RT: 4.29 min Scan# 839
Delta R.T. 0.01 min
Lab File: VN061168.D
Acq: 28 Apr 2020 16:50

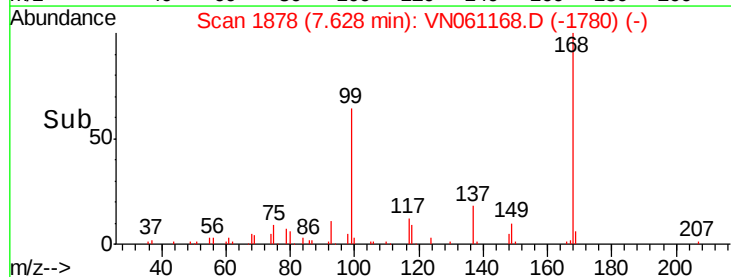
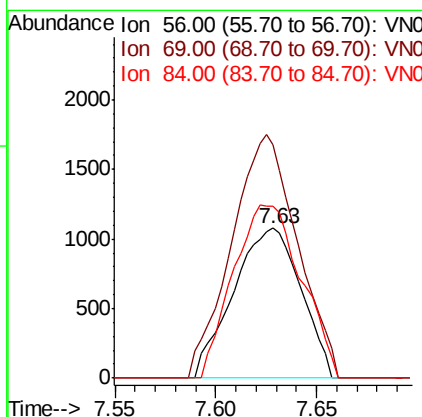
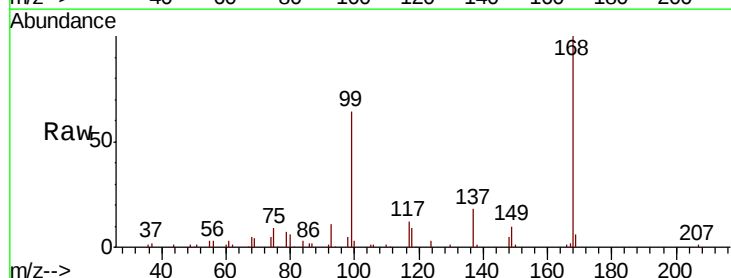
Instrument :
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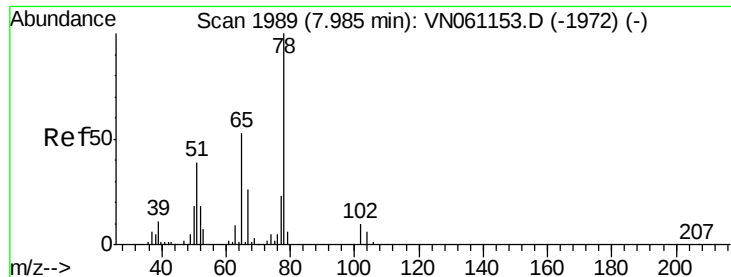
Tot Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061168.D
Acq: 28 Apr 2020 16:50

Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 156.0 25.7 38.5#
84 114.4 64.6 97.0#

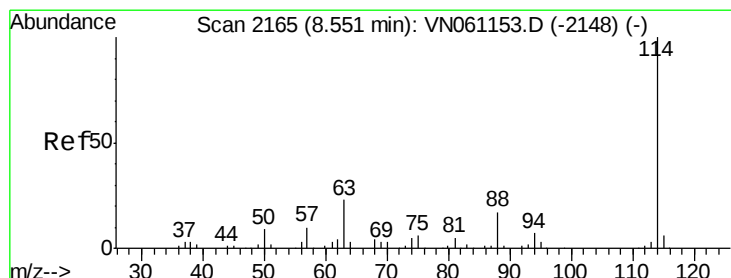
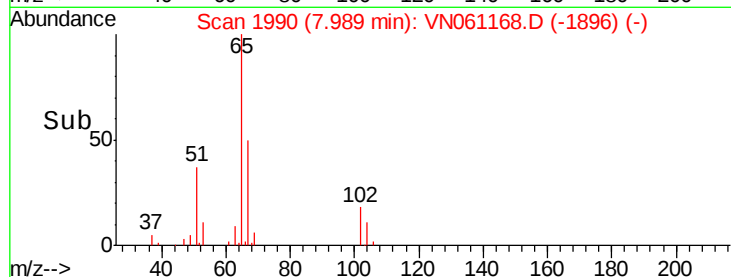
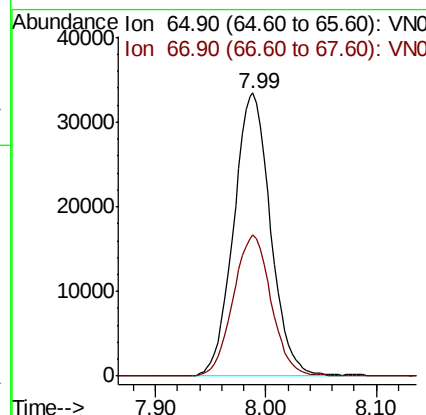
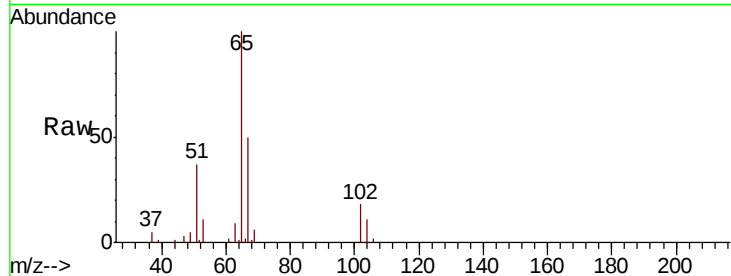




#33
 1,2-Dichloroethane-d4
 Concen: 51.363 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061168.D
 Acq: 28 Apr 2020 16:50

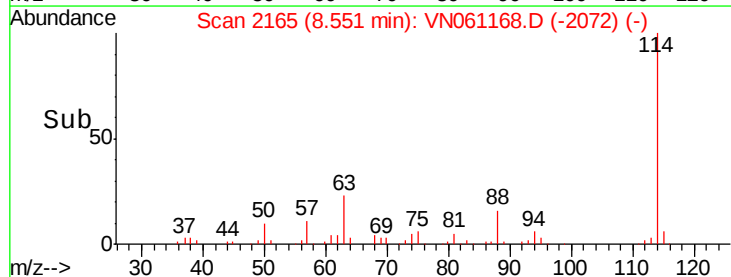
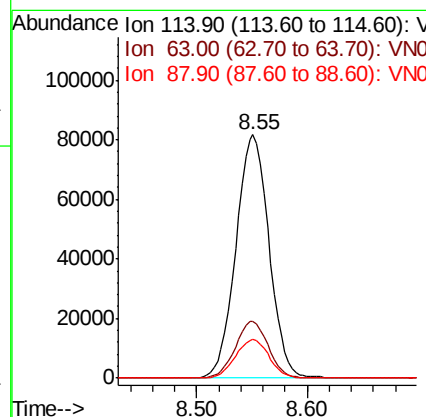
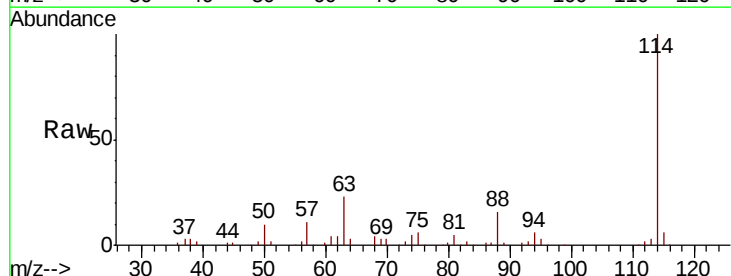
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-DUP-20200423

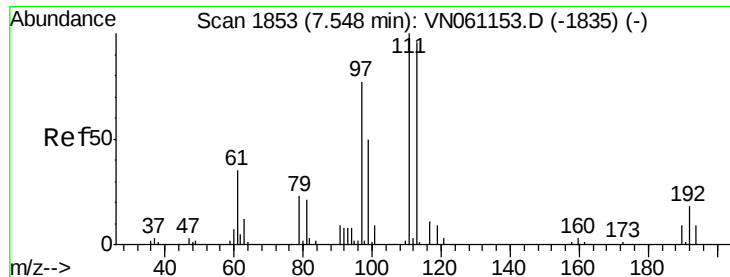
Tot Ion: 65 Resp: 77307
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061168.D
 Acq: 28 Apr 2020 16:50

Tgt Ion: 114 Resp: 169736
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.6
 88 15.8 0.0 33.4

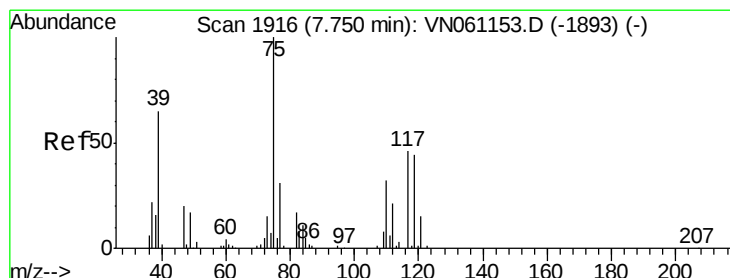
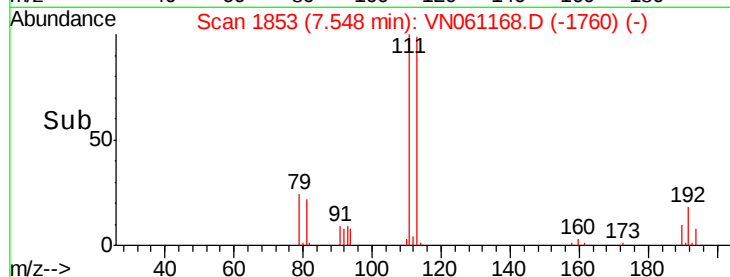
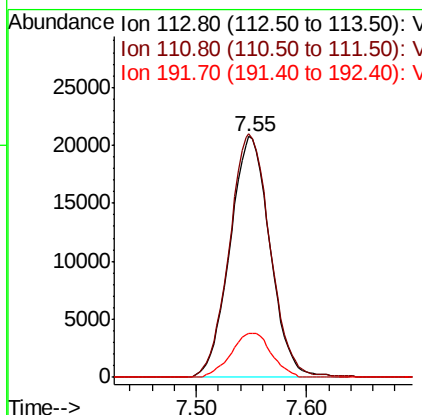
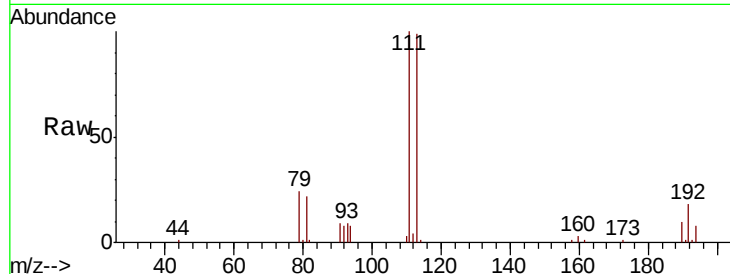




#35
 Dibromofluoromethane
 Concen: 51.876 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061168.D
 Acq: 28 Apr 2020 16:50

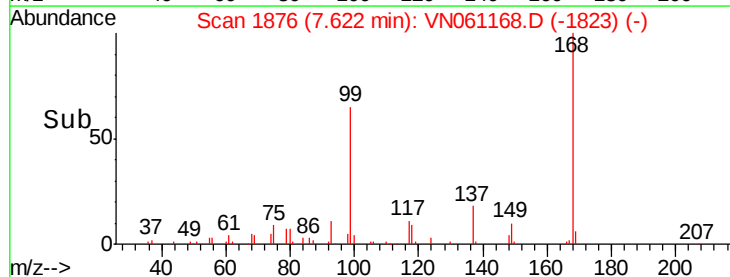
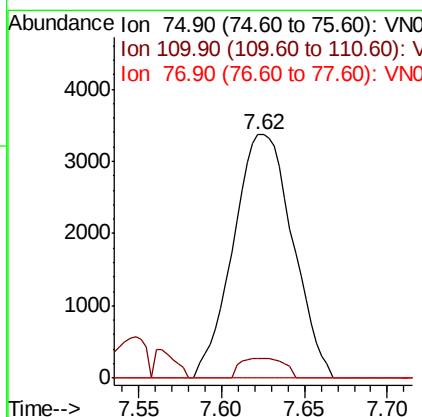
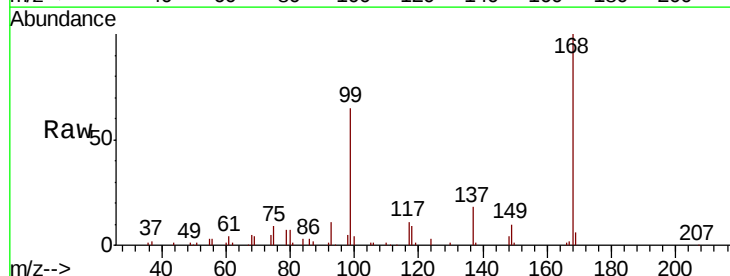
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-DUP-20200423

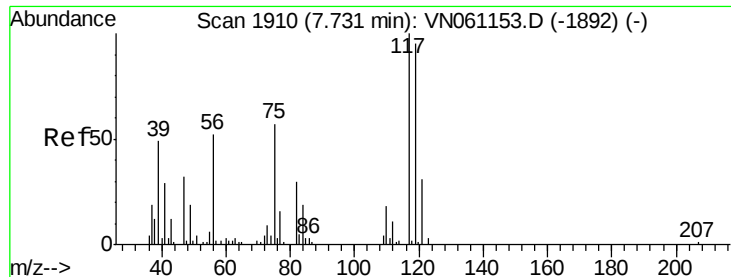
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.5	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061168.D
 Acq: 28 Apr 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.0	16.0	48.0#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 7.742 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.11 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-DUP-20200423

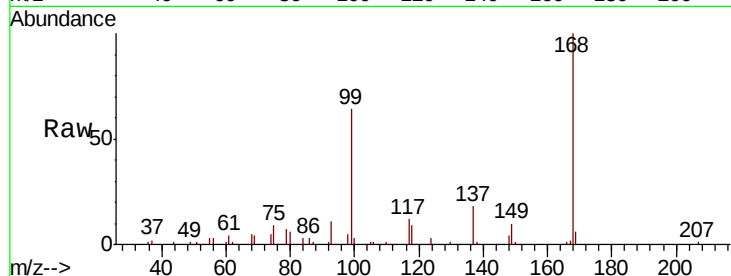
Tot Ion:117 Resp: 10520

Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.6#

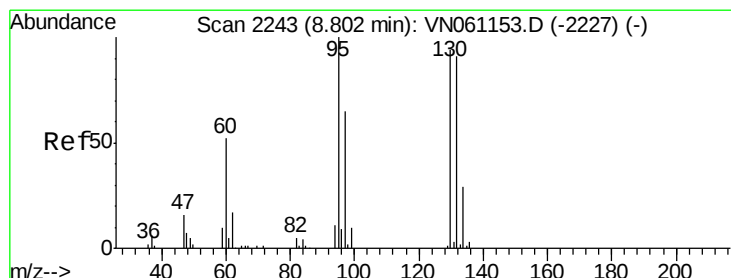
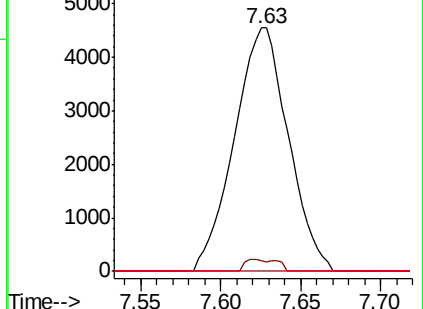
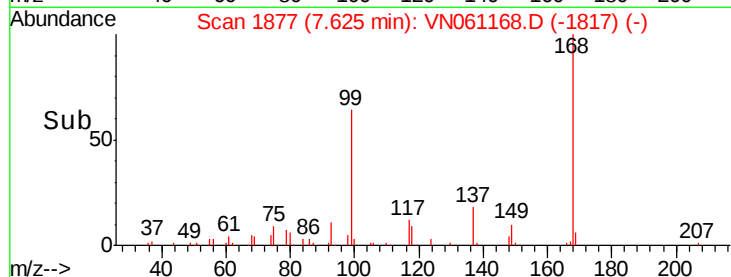
121 0.0 24.7 37.1#



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



#44

Trichloroethene

Concen: 0.689 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061168.D

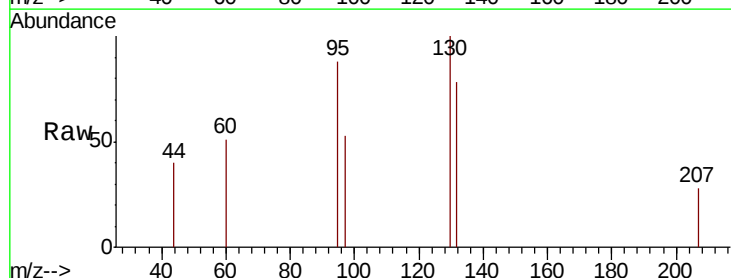
Acq: 28 Apr 2020 16:50

Tgt Ion:130 Resp: 943

Ion Ratio Lower Upper

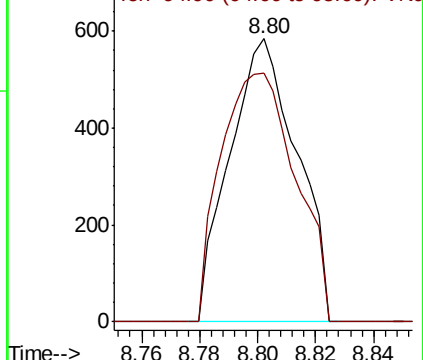
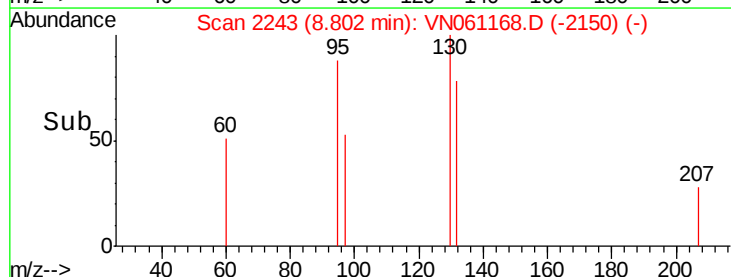
130 100

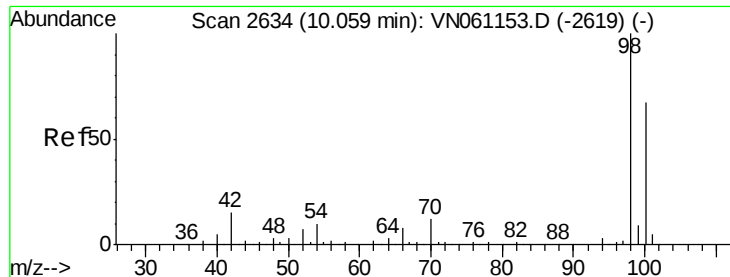
95 88.0 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.106 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

Instrument :

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ClientSampleId :

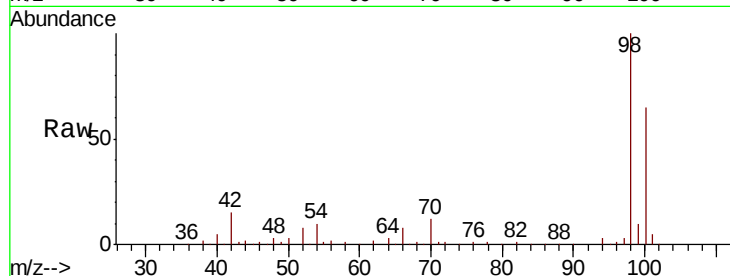
BP-VPB180-DUP-20200423

Tot Ion: 98 Resp: 213195

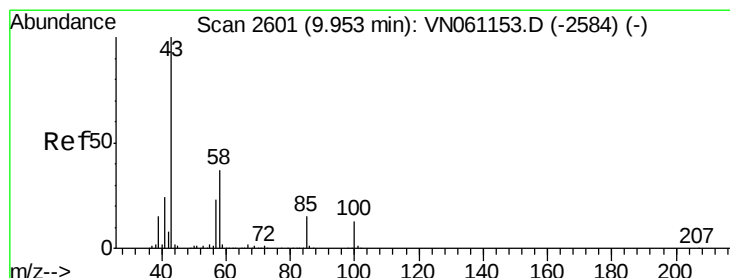
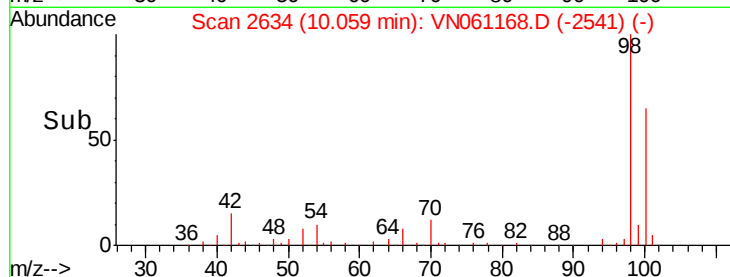
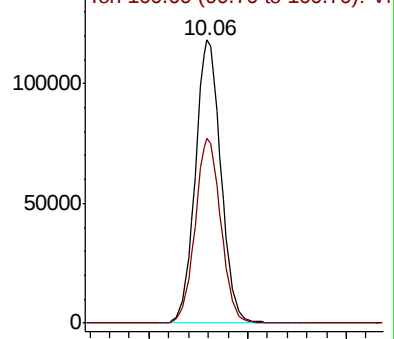
Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.601 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061168.D

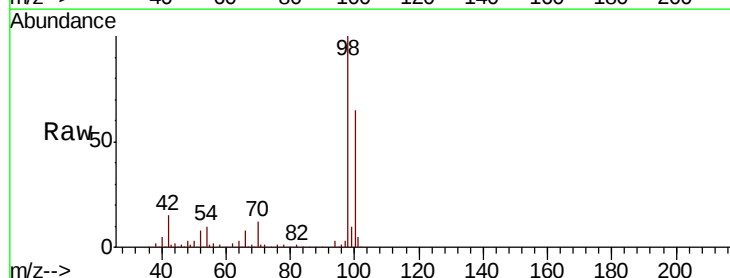
Acq: 28 Apr 2020 16:50

Tgt Ion: 43 Resp: 1169

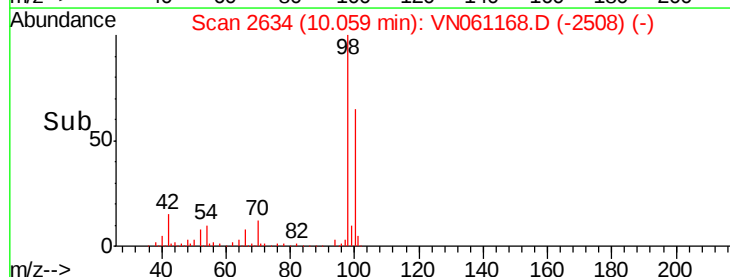
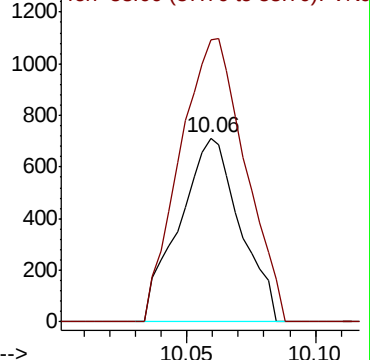
Ion Ratio Lower Upper

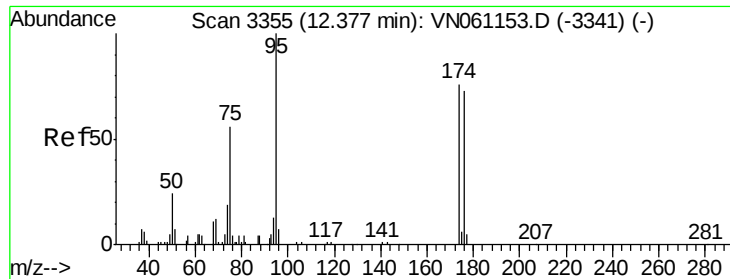
43 100

58 166.4 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

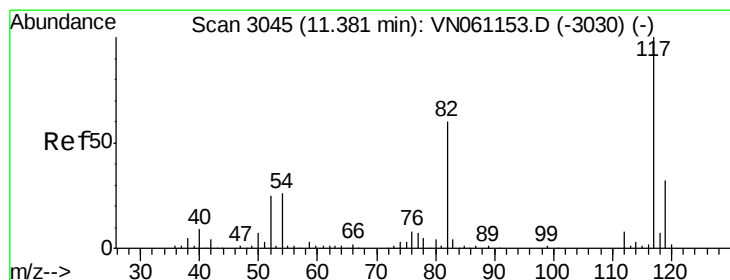
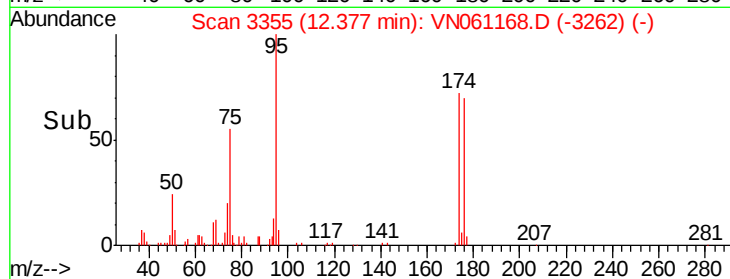
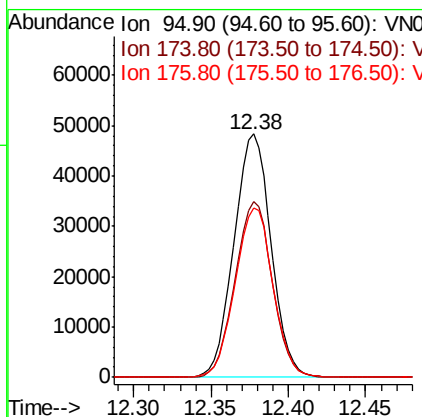
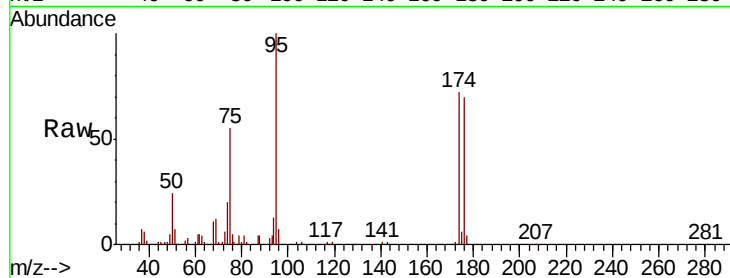




#62
4-Bromofluorobenzene
Concen: 52.298 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061168.D
Acq: 28 Apr 2020 16:50

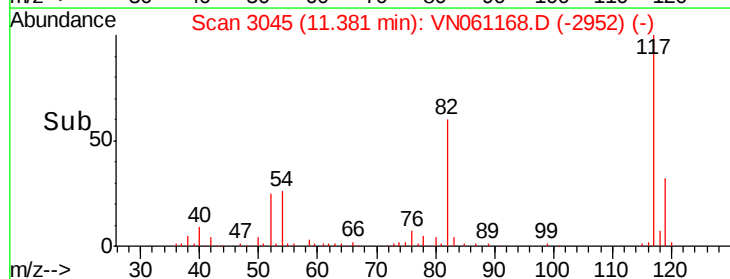
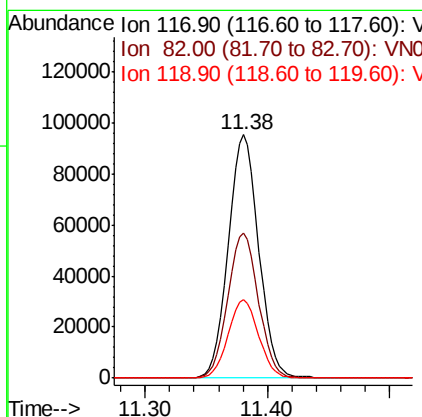
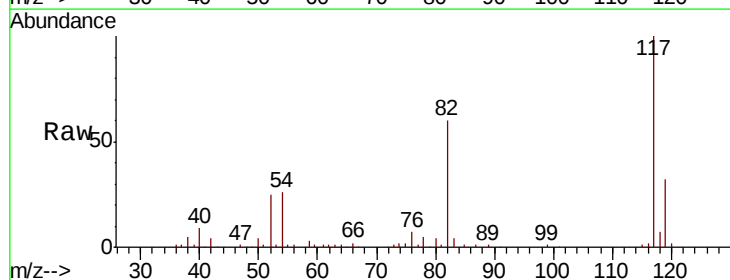
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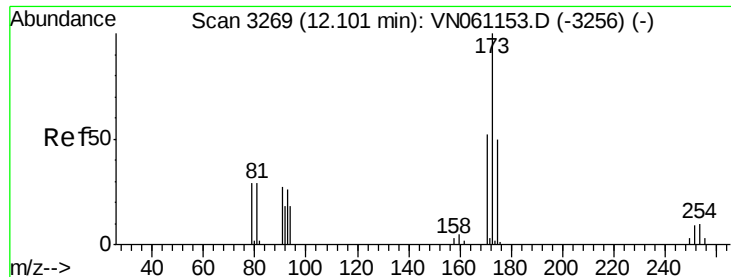
Tot Ion: 95 Resp: 80524
Ion Ratio Lower Upper
95 100
174 72.6 0.0 149.4
176 71.1 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061168.D
Acq: 28 Apr 2020 16:50

Tgt Ion: 117 Resp: 165667
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.1 25.8 38.6





#71

Bromoform

Concen: 0.221 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.27 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-DUP-20200423

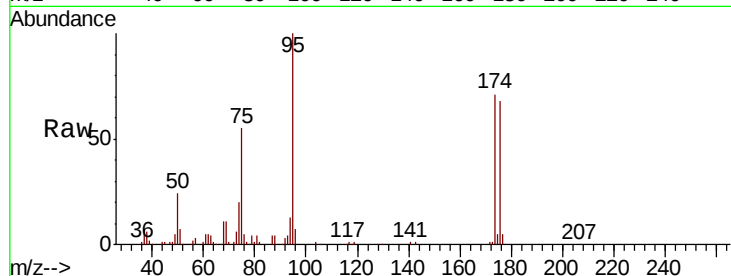
Tot Ion:173 Resp: 191

Ion Ratio Lower Upper

173 100

175 1977.0 24.1 72.4#

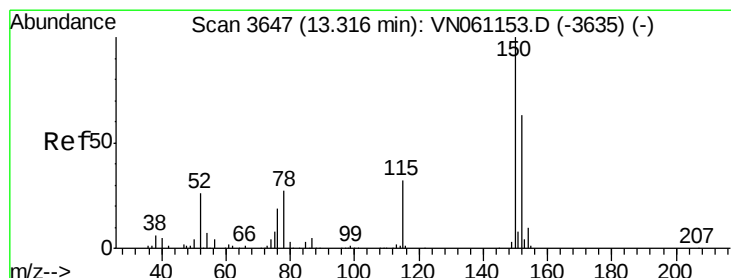
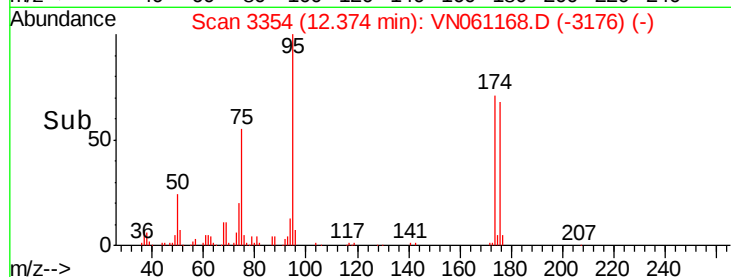
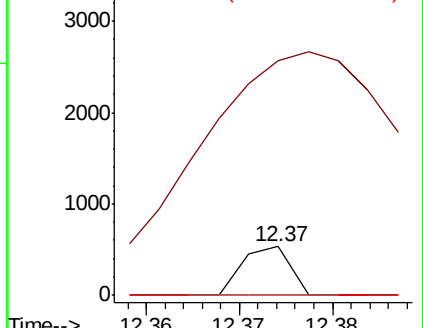
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

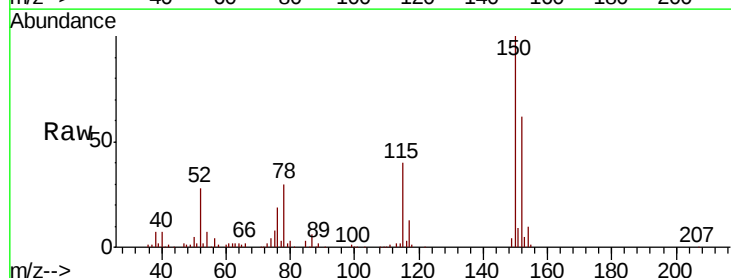
Tgt Ion:152 Resp: 73788

Ion Ratio Lower Upper

152 100

115 62.6 31.0 93.0

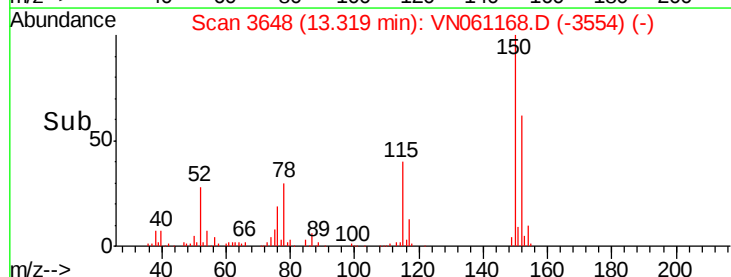
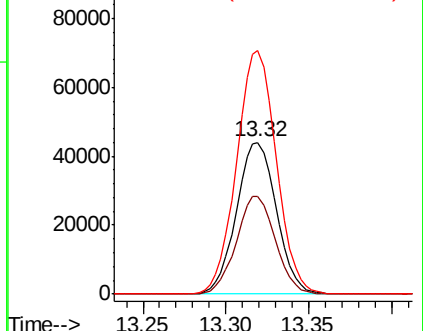
150 159.1 0.0 351.8

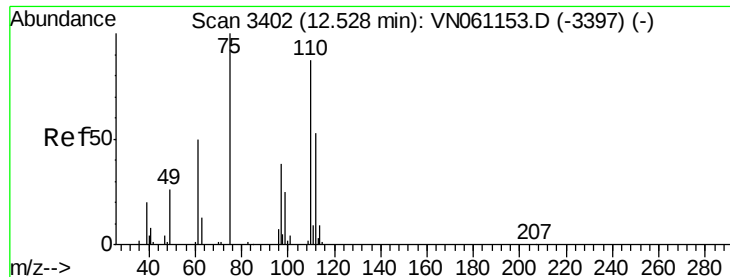


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.877 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

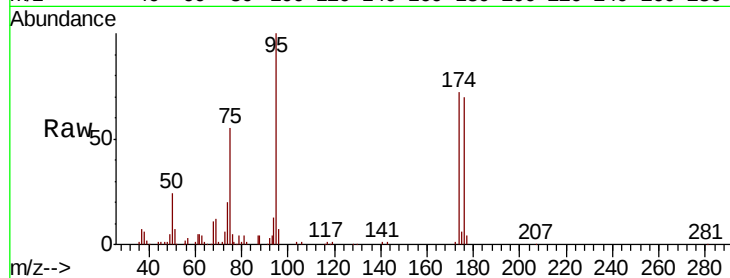
BP-VPB180-DUP-20200423

Tot Ion: 75 Resp: 44923

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

30000

25000

20000

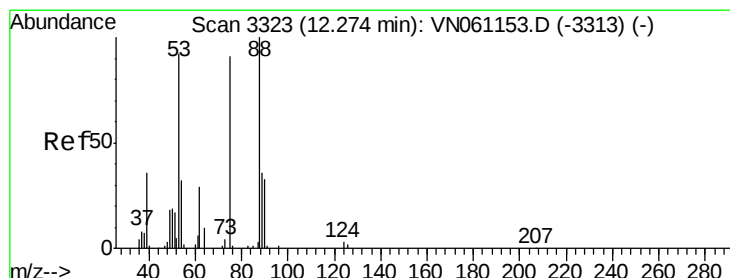
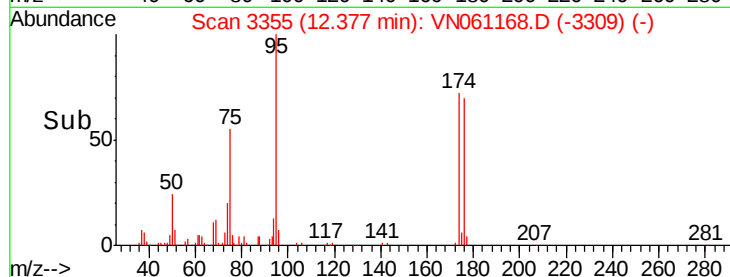
15000

10000

5000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 73.333 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061168.D

Acq: 28 Apr 2020 16:50

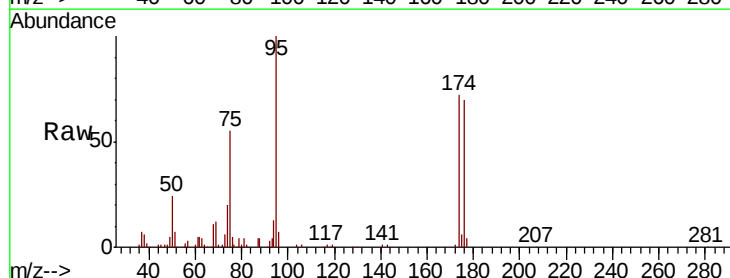
Tgt Ion: 75 Resp: 44923

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.38

30000

20000

10000

0

Time--> 12.30 12.35 12.40 12.45

