

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061162.D
 Acq On : 28 Apr 2020 14:31
 Operator : JC/MD
 Sample : L2412-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200422

Quant Time: Apr 28 15:04:37 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	112501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	200639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	193240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84819	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	89805	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.55	113	61211	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	10.06	98	249579	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.38	95	93880	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

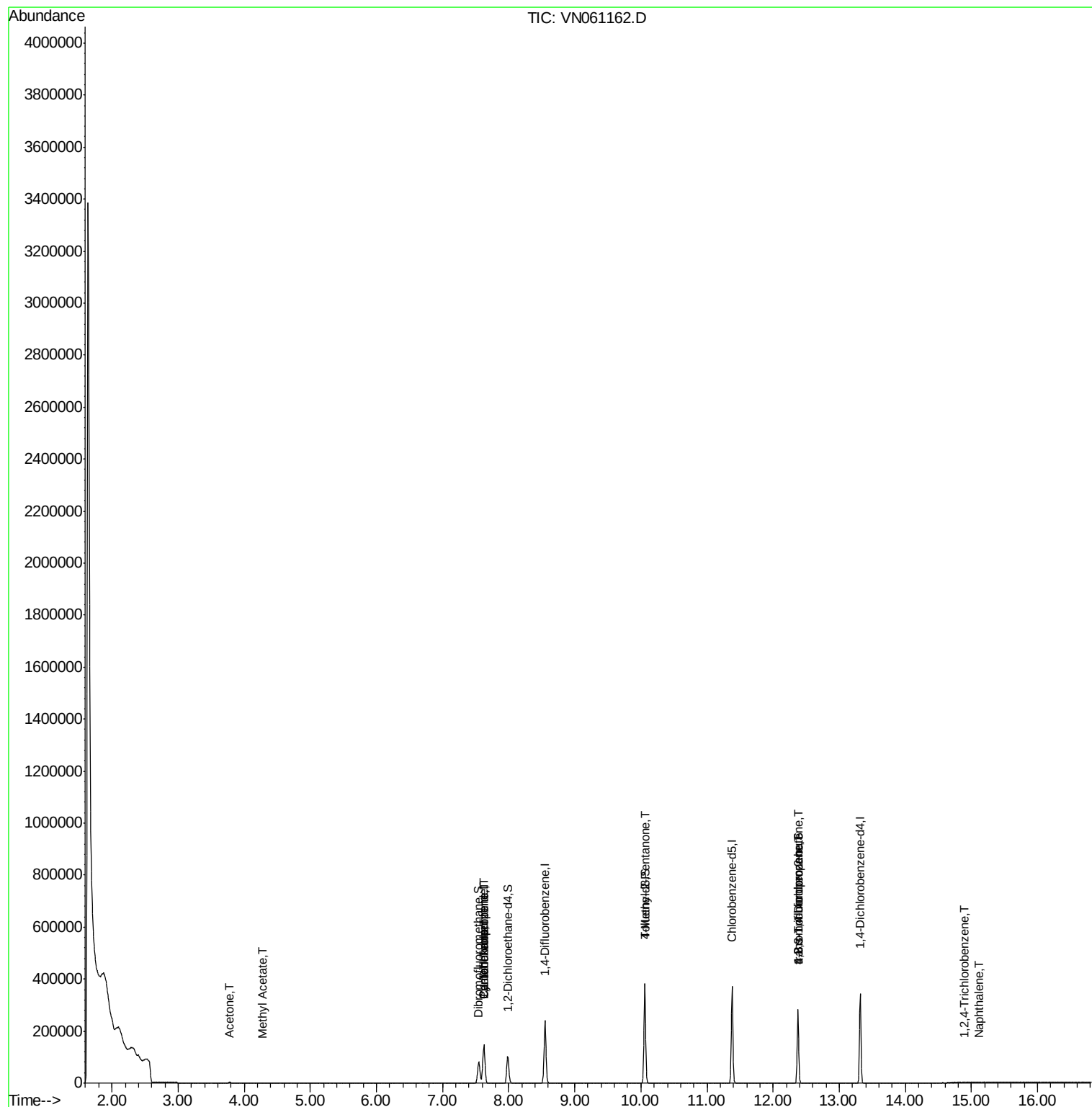
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	4599	1.182	ug/l	98
18) Methyl Acetate	4.27	43	127	0.735	ug/l #	55
31) Cyclohexane	7.62	56	2999	1.158	ug/l #	16
36) 1,1-Dichloropropene	7.62	75	10622	5.289	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11944	7.436	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1281	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	51908	29.028	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51908	73.716	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.88	180	352	0.228	ug/l #	80
95) Naphthalene	15.10	128	1290	0.256	ug/l #	69

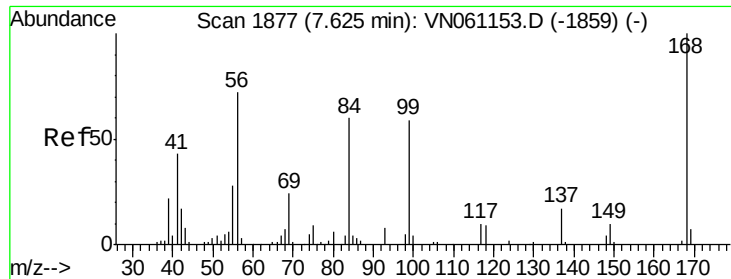
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042820\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
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: VN061162.D

Acq: 28 Apr 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

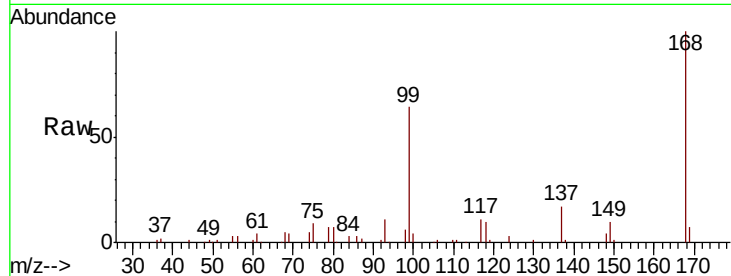
BP-VPB180-TB-20200422

Tot Ion:168 Resp: 112501

Ion Ratio Lower Upper

168 100

99 64.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

50000

40000

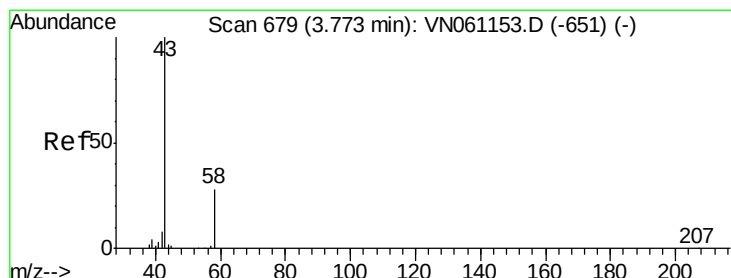
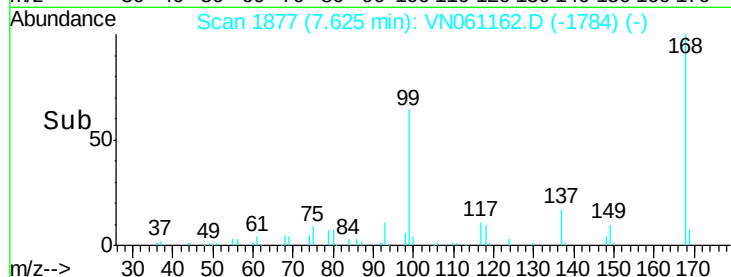
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 1.182 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061162.D

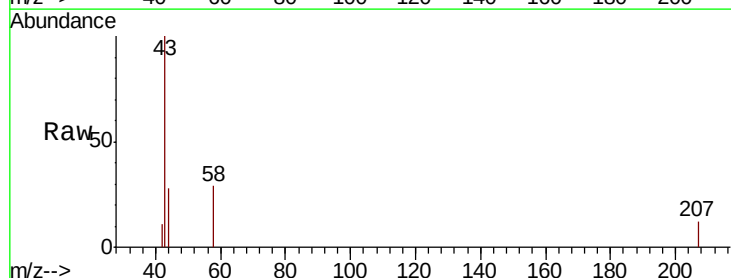
Acq: 28 Apr 2020 14:31

Tgt Ion: 43 Resp: 4599

Ion Ratio Lower Upper

43 100

58 28.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

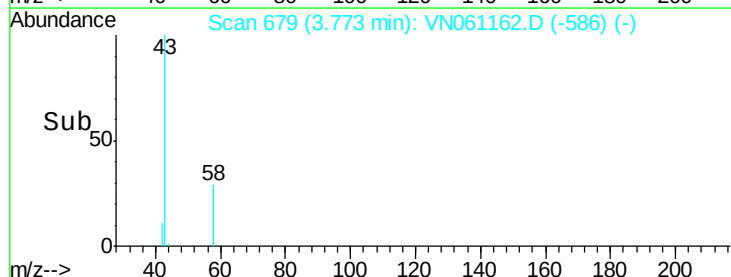
1500

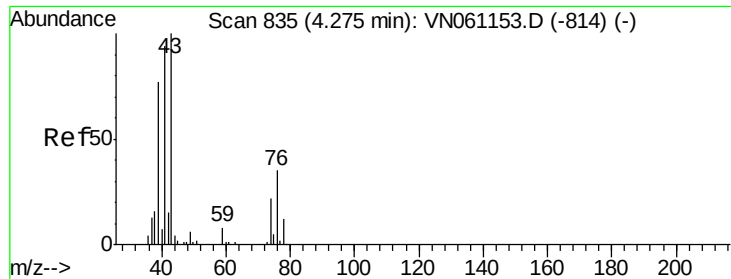
1000

500

0

Time--> 3.70 3.75 3.80 3.85

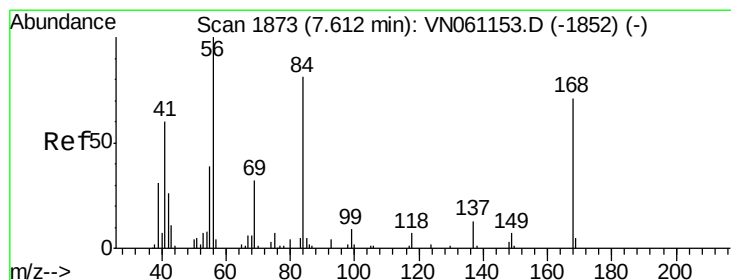
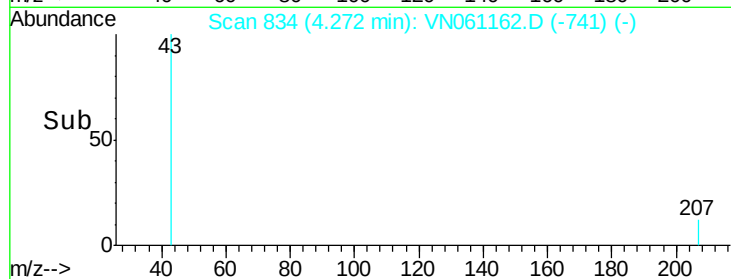
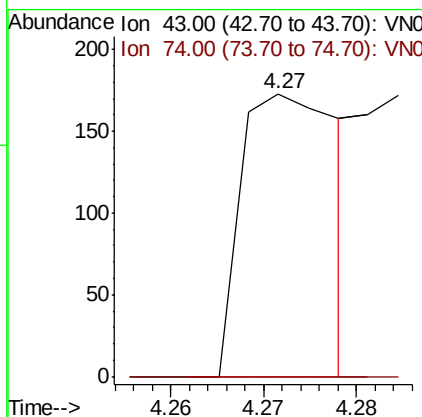
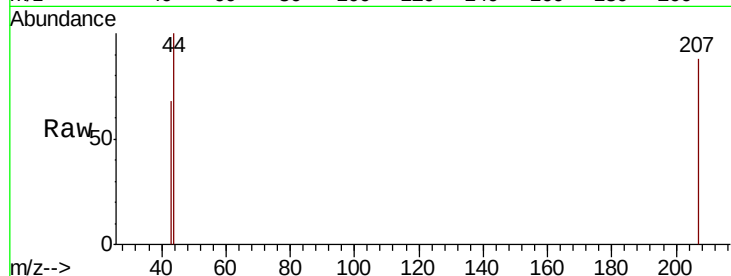




#18
Methvl Acetate
Concen: 0.735 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

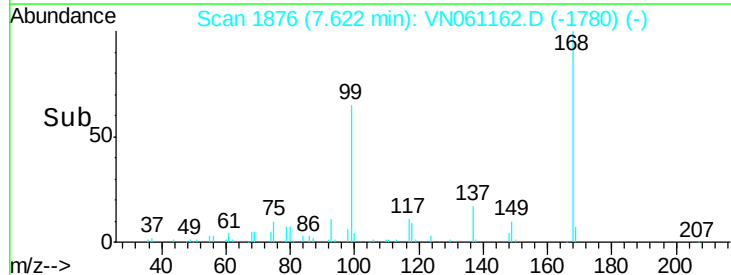
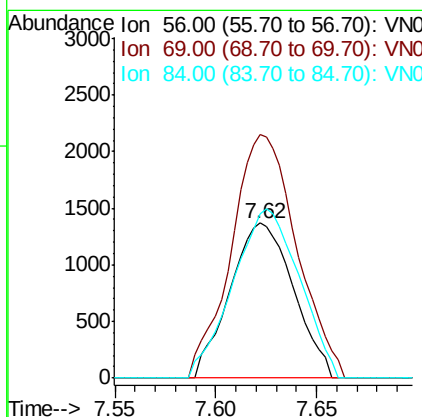
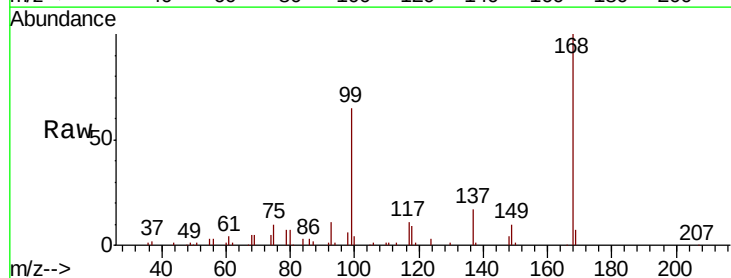
Instrument :
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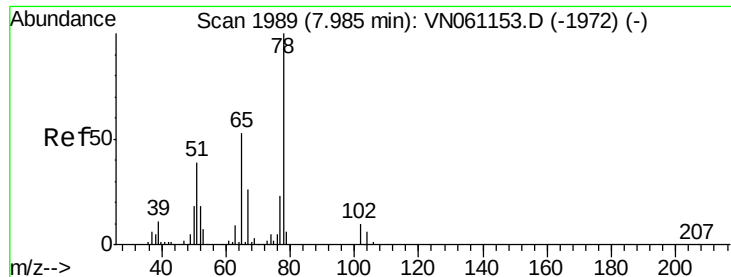
Tot Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Tgt Ion: 56 Resp: 2999
Ion Ratio Lower Upper
56 100
69 156.9 25.7 38.5#
84 105.8 64.6 97.0#

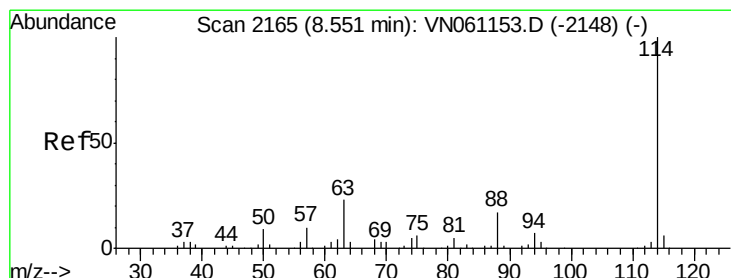
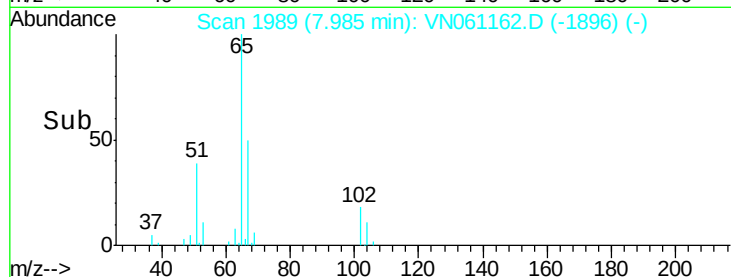
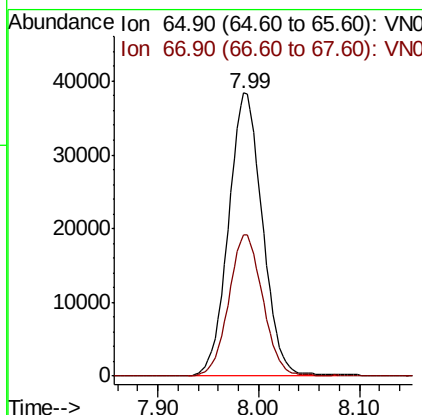
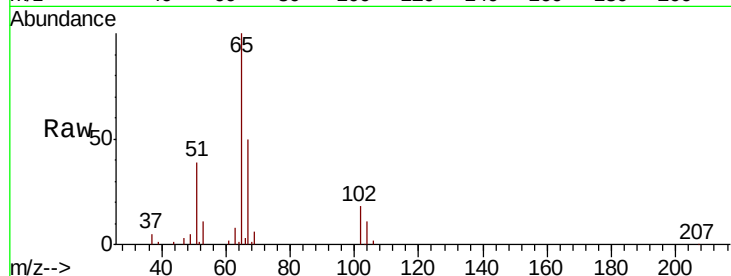




#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

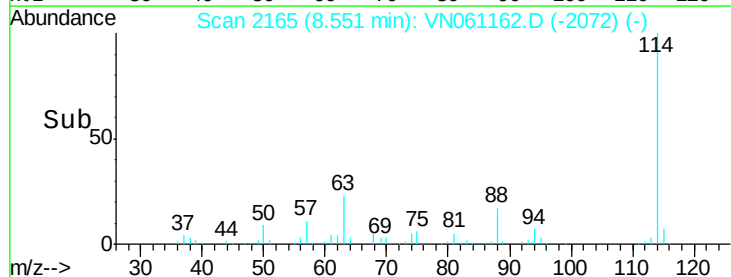
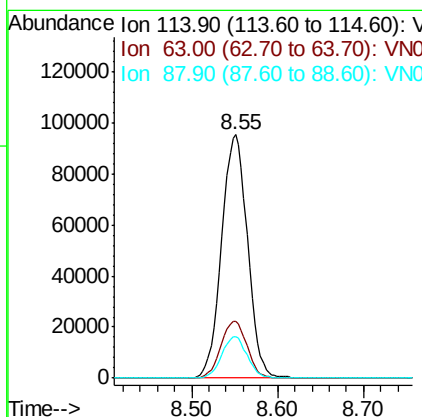
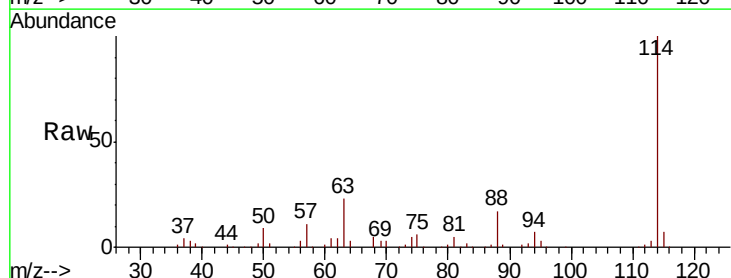
Instrument :
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 ClientSampleId :
 BP-VPB180-TB-20200422

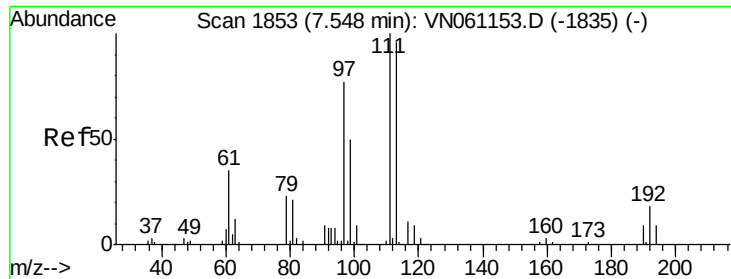
Tot Ion: 65 Resp: 89805
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Tgt Ion: 114 Resp: 200639
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.6
 88 17.2 0.0 33.4

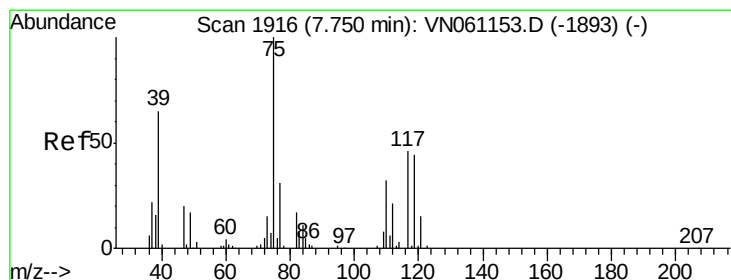
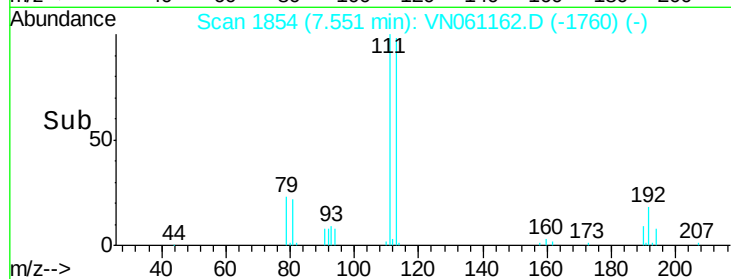
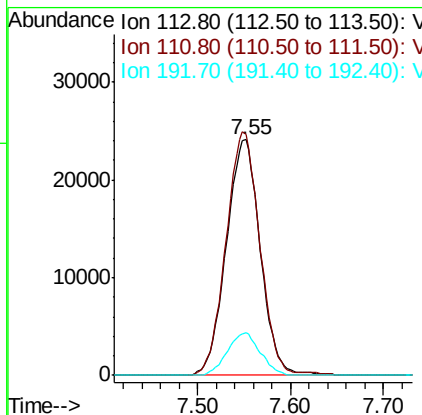
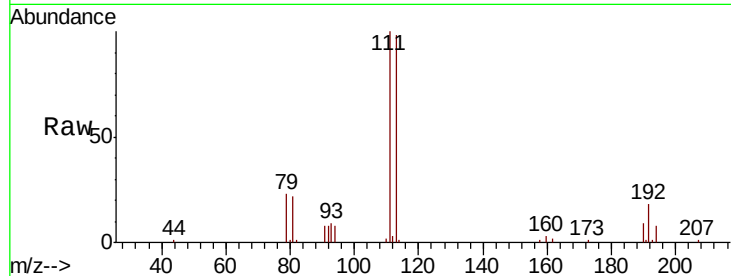




#35
 Dibromofluoromethane
 Concen: 51.593 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

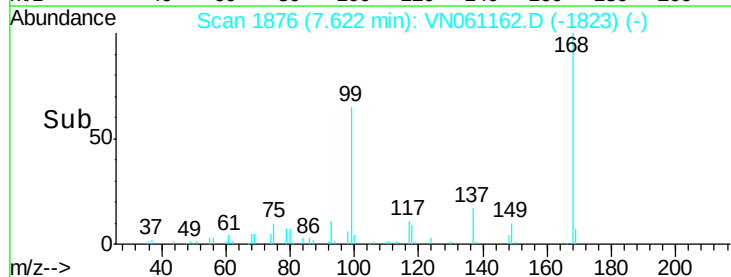
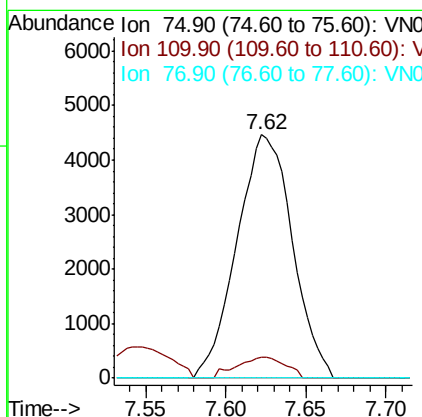
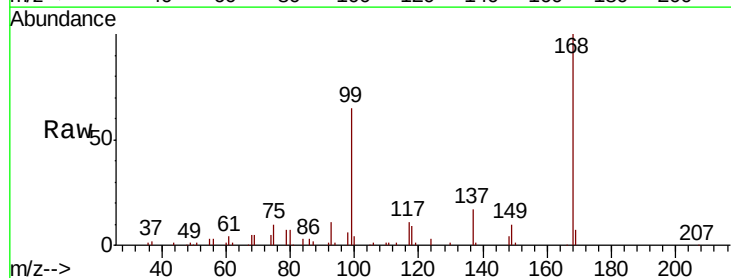
Instrument :
 MSVOA_N
 ClientSampleId :
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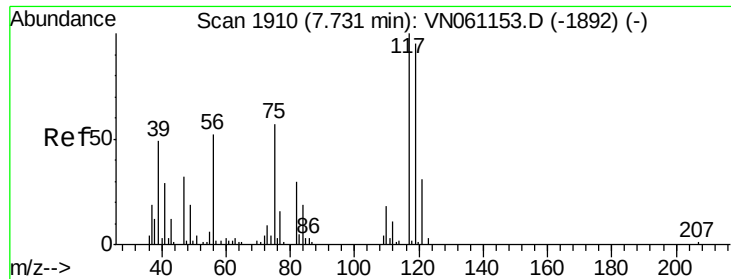
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	17.5	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 5.289 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.0	48.0#
77	0.0	24.6	37.0#

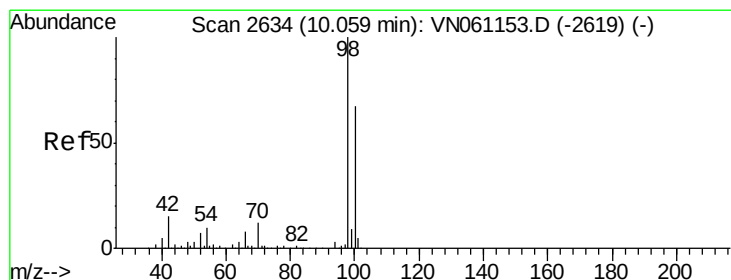
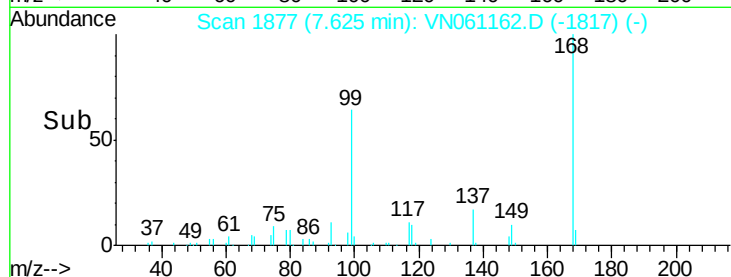
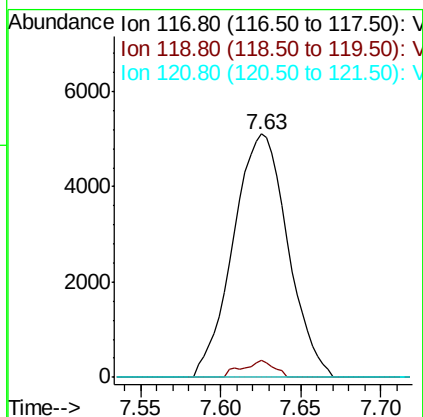
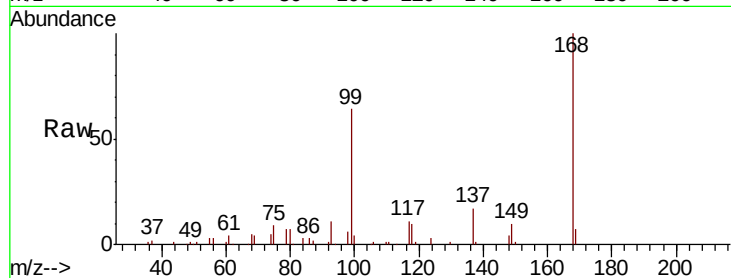




#38
Carbon Tetrachloride
Concen: 7.436 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

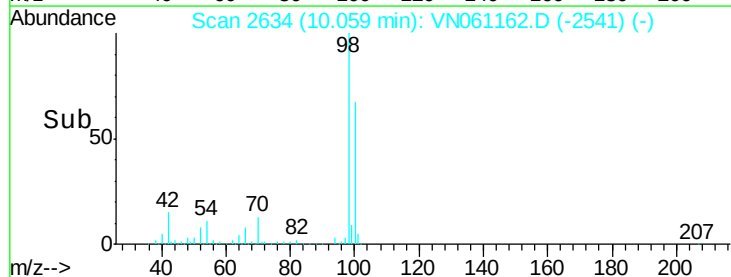
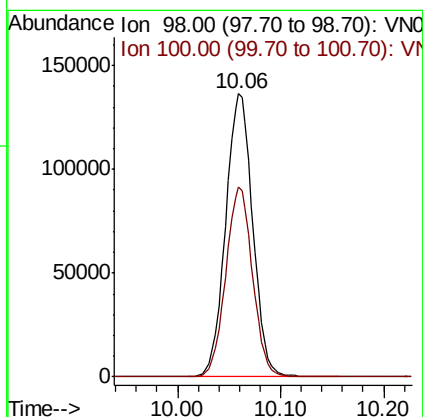
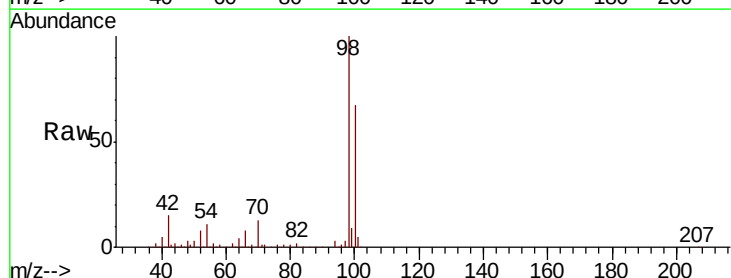
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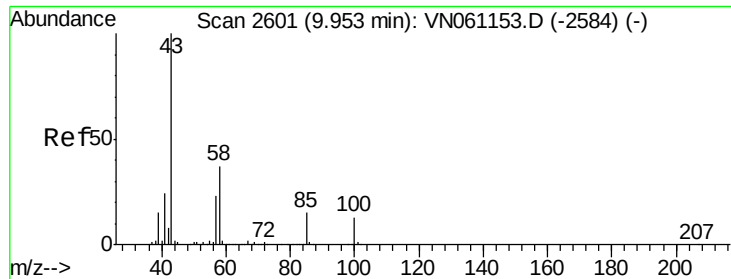
Tot Ion:117 Resp: 11944
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.603 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Tgt Ion: 98 Resp: 249579
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0

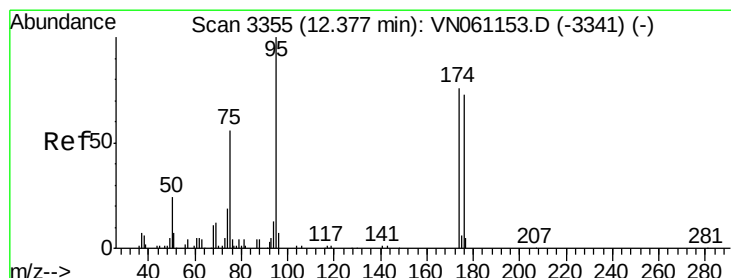
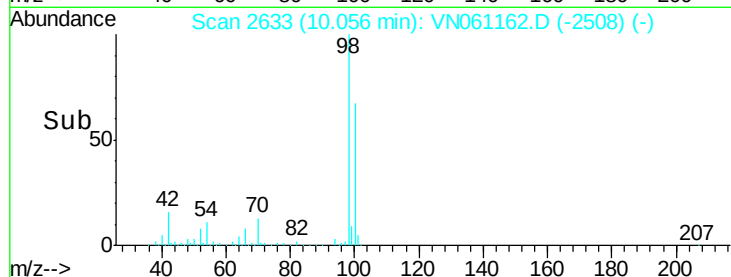
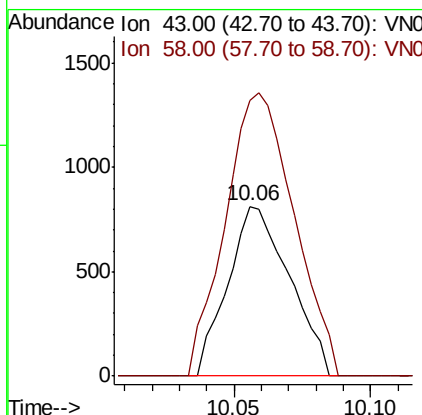
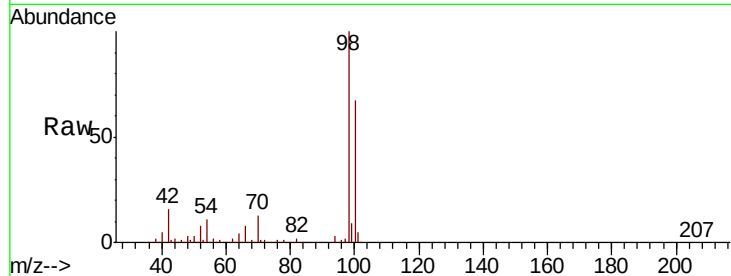




#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 10.06 min Scan# 2633
Delta R.T. 0.10 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

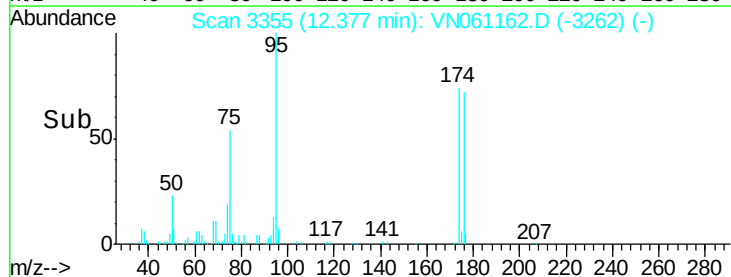
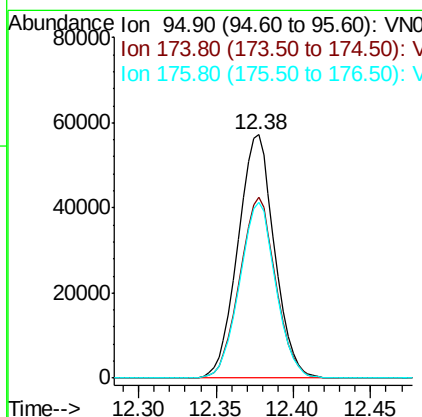
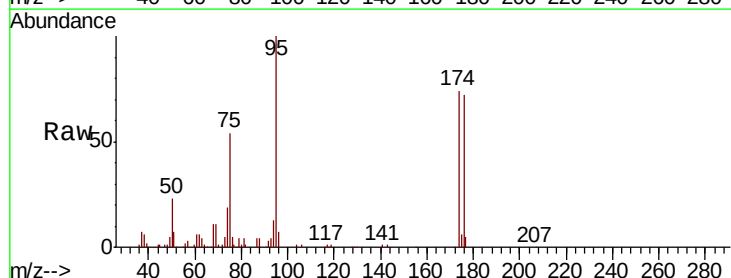
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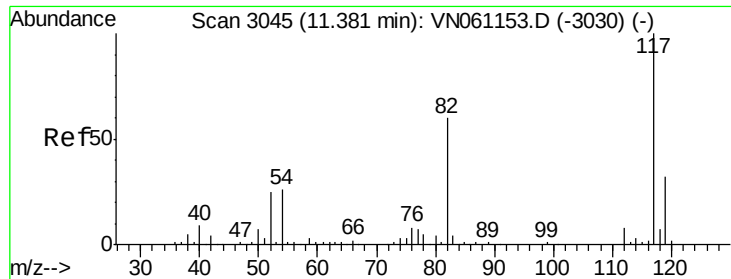
Tot Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 185.3 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 51.581 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Tgt Ion: 95 Resp: 93880
Ion Ratio Lower Upper
95 100
174 73.3 0.0 149.4
176 71.2 0.0 144.8

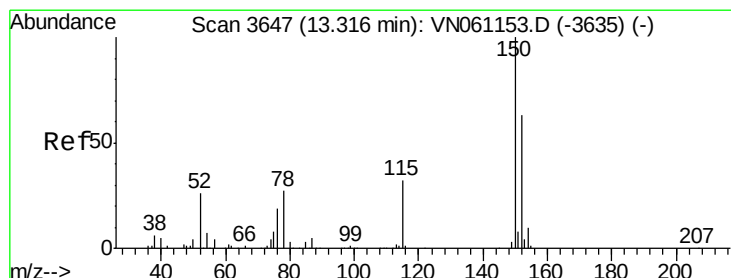
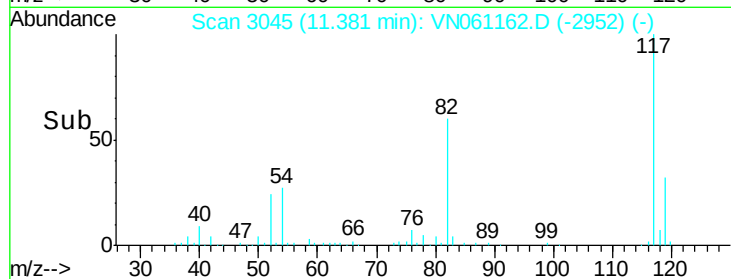
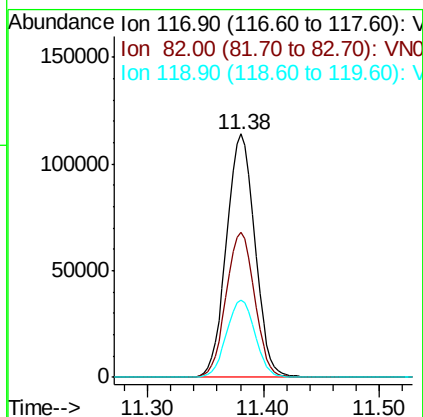
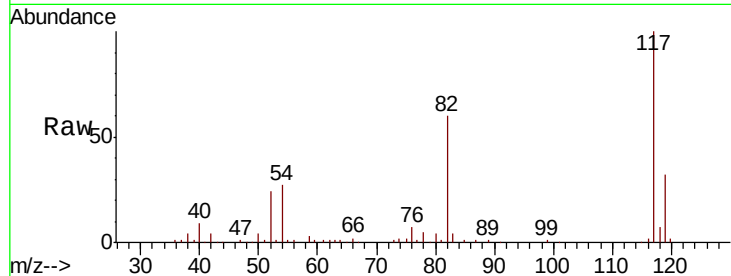




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

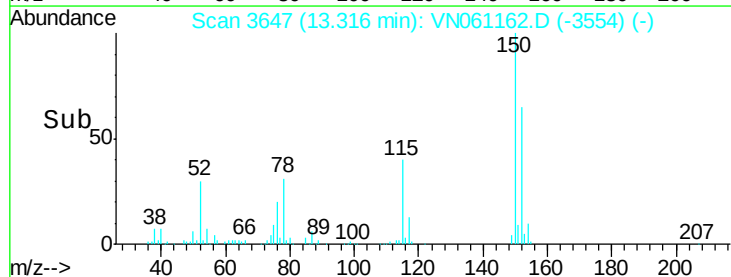
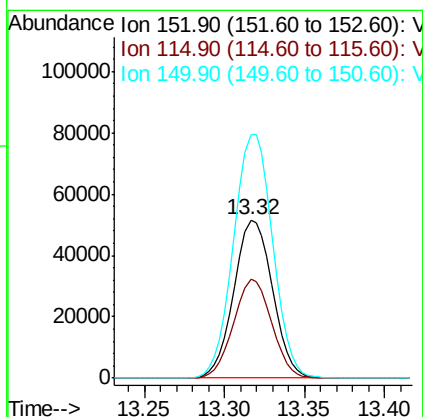
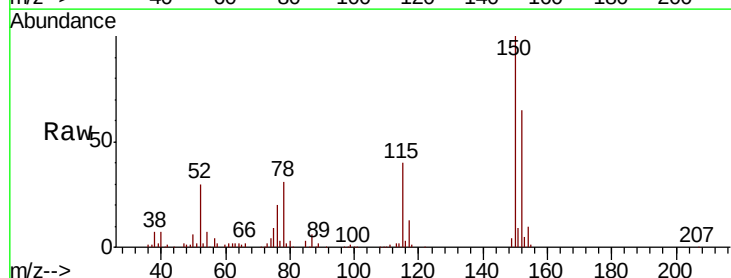
Instrument :
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ClientSampleId :
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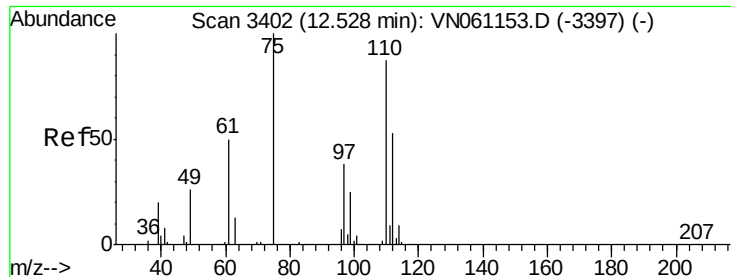
Tot Ion:117 Resp: 193240
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061162.D
Acq: 28 Apr 2020 14:31

Tgt Ion:152 Resp: 84819
Ion Ratio Lower Upper
152 100
115 61.6 31.0 93.0
150 156.6 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 29.028 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061162.D

Acq: 28 Apr 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

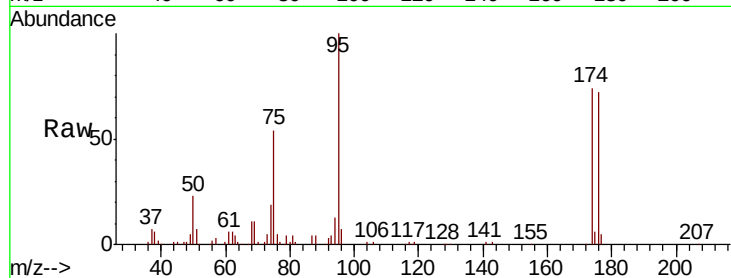
BP-VPB180-TB-20200422

Tot Ion: 75 Resp: 51908

Ion Ratio Lower Upper

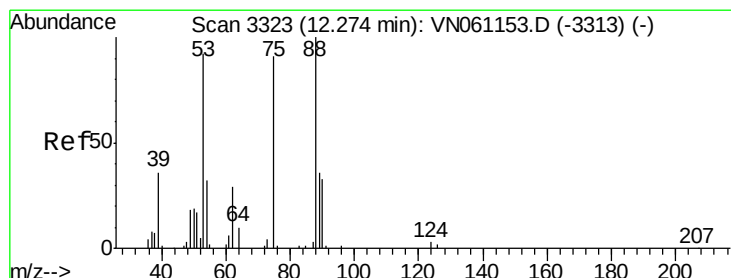
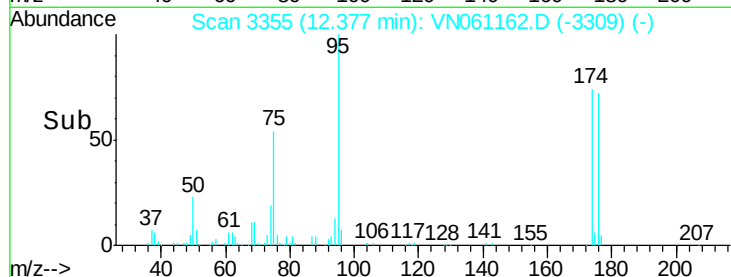
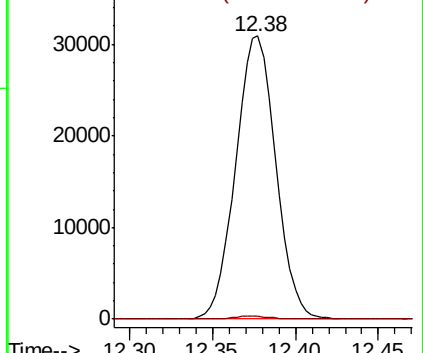
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.716 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061162.D

Acq: 28 Apr 2020 14:31

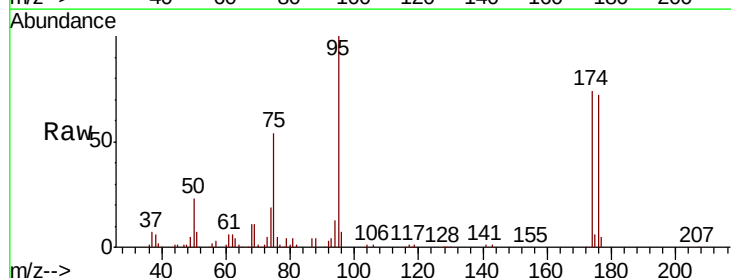
Tgt Ion: 75 Resp: 51908

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

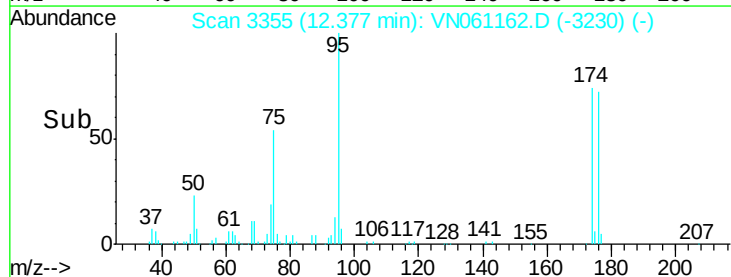
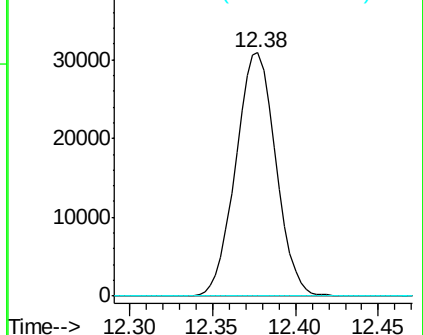
89 0.0 35.2 52.8#

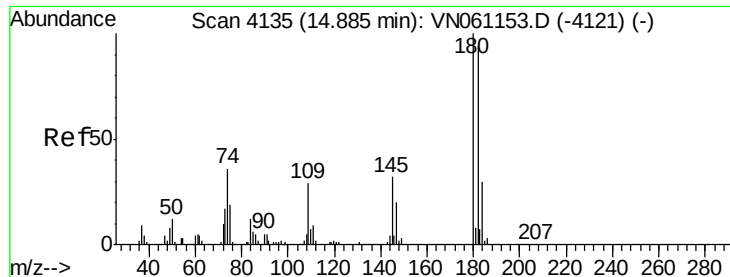


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

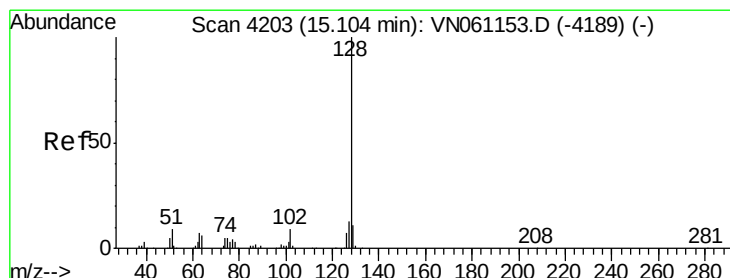
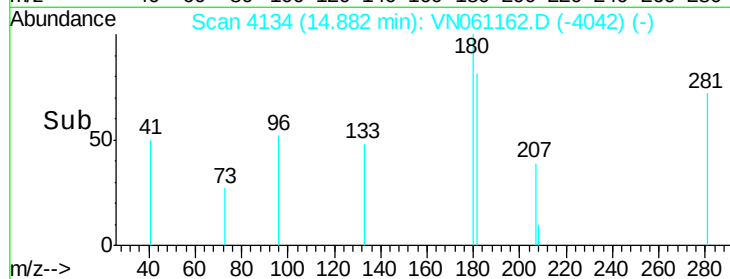
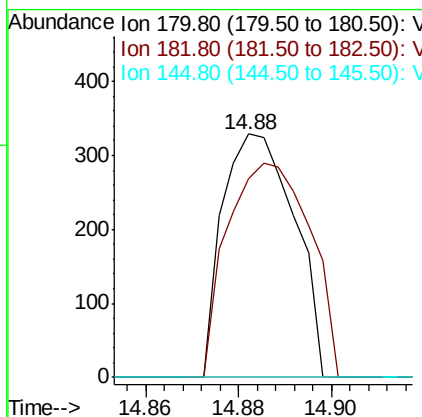
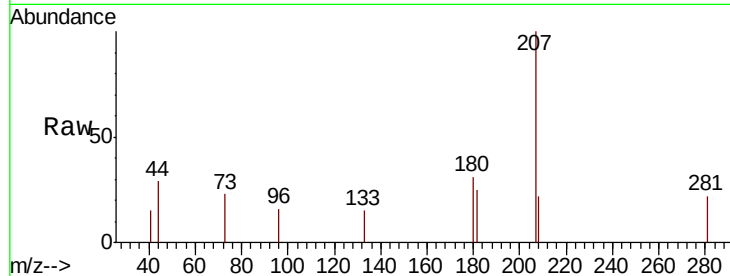




#93
 1,2,4-Trichlorobenzene
 Concen: 0.228 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200422

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.3	141.9
145	0.0	16.0	47.9#



#95
 Naphthalene
 Concen: 0.256 ug/l
 RT: 15.10 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN061162.D
 Acq: 28 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

