

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061164.D
 Acq On : 28 Apr 2020 15:18
 Operator : JC/MD
 Sample : L2386-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-498-500

Quant Time: Apr 28 20:04:48 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	103710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	179682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80640	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	84491	51.49	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.55	113	55888	51.16	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.06	98	228821	51.38	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.38	95	88019	52.52	ug/l	0.00
Spiked Amount						

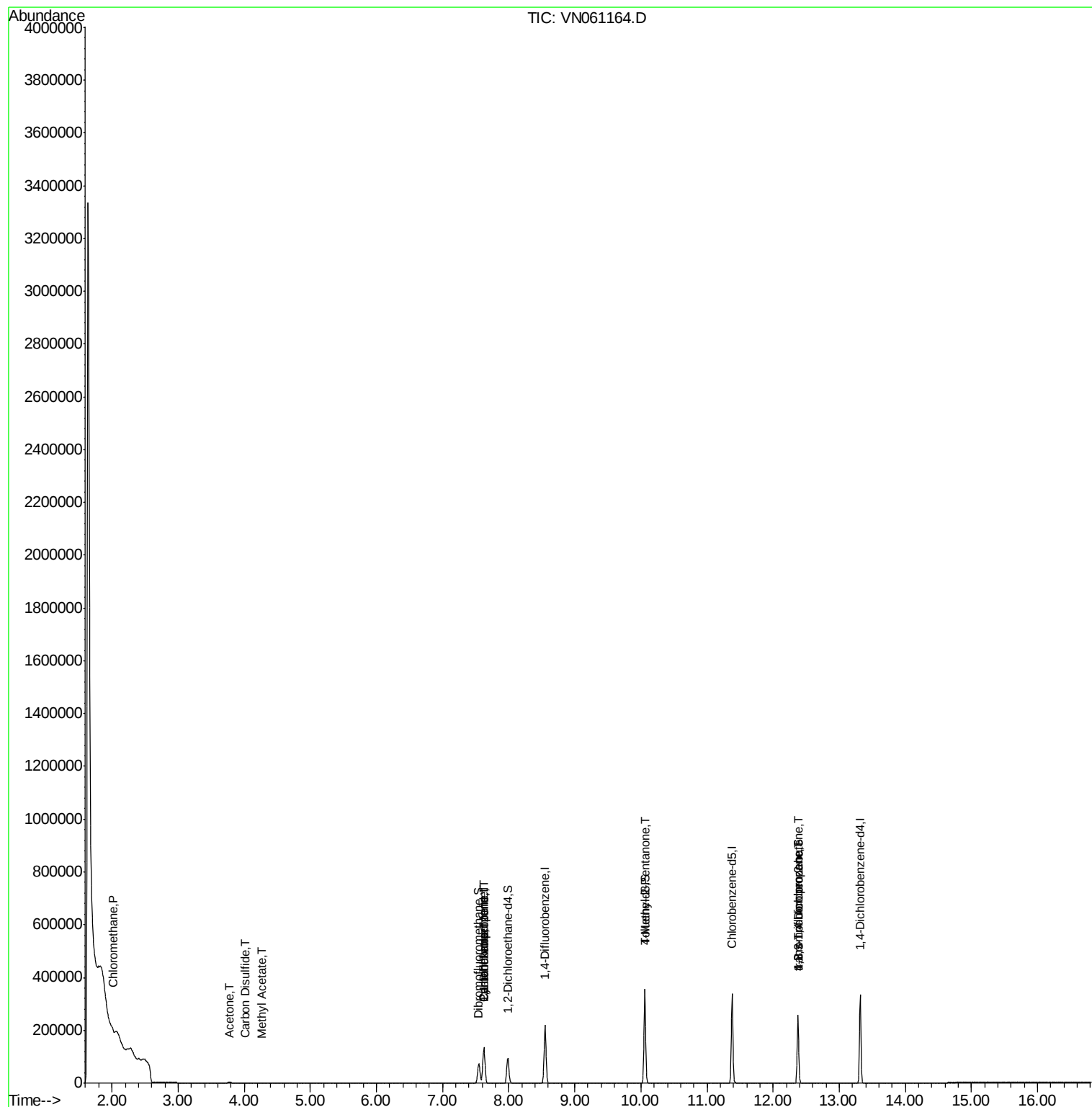
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	290	0.218	ug/l #	42
16) Acetone	3.78	43	6186	4.318	ug/l	100
17) Carbon Disulfide	4.01	76	1723	0.570	ug/l #	75
18) Methyl Acetate	4.27	43	171	0.760	ug/l #	55
31) Cyclohexane	7.63	56	2964	1.242	ug/l #	5
36) 1,1-Dichloropropene	7.63	75	9513	5.144	ug/l #	50
38) Carbon Tetrachloride	7.62	117	11440	7.736	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1387	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48713	28.653	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48713	72.763	ug/l #	8

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

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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

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Instrument :

MSVOA_N

ClientSampleId :

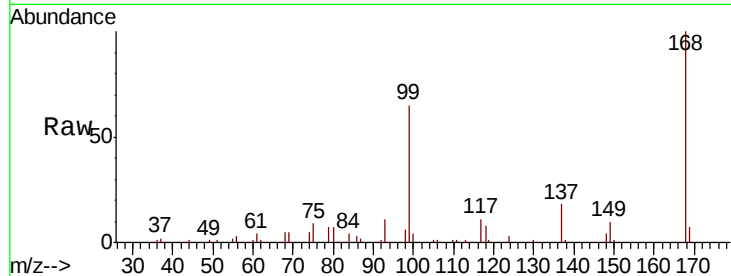
BP-VPB180-GW-498-500

Tot Ion:168 Resp: 103710

Ion Ratio Lower Upper

168 100

99 64.9 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

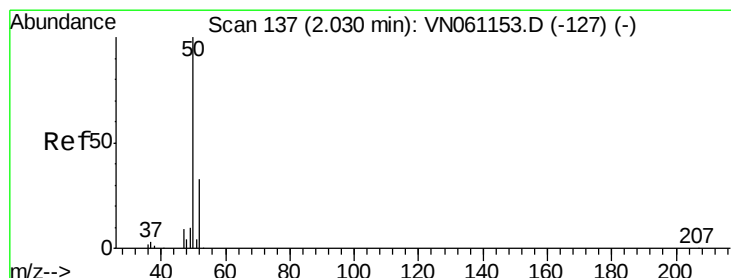
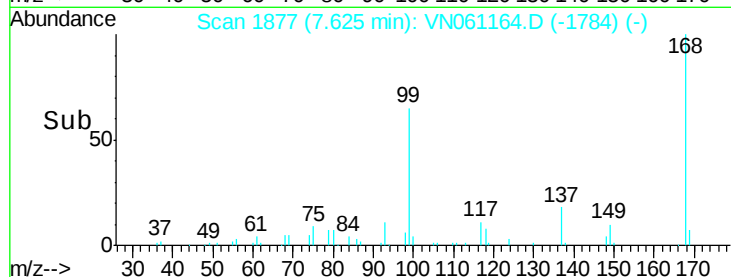
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 0.218 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061164.D

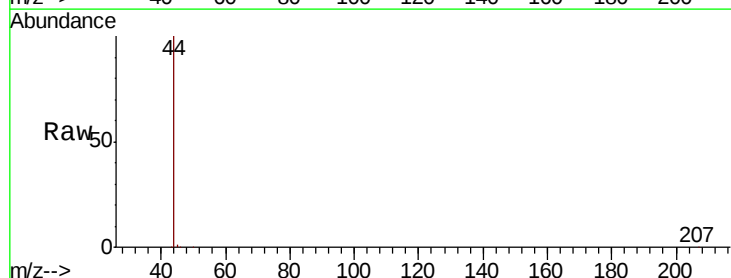
Acq: 28 Apr 2020 15:18

Tgt Ion: 50 Resp: 290

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

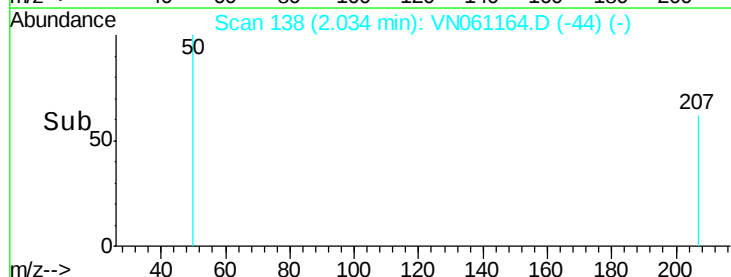
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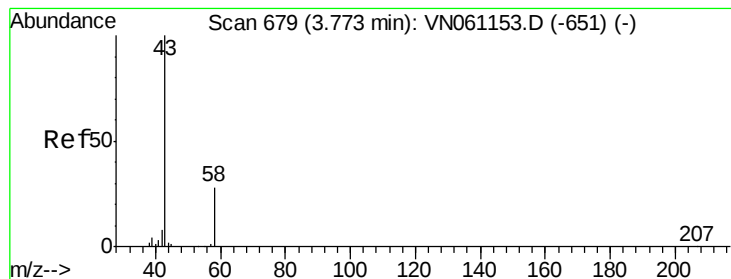
200

100

0

Time-->





#16

Acetone

Concen: 4.318 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

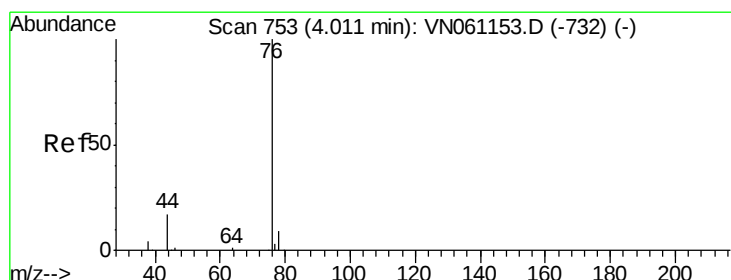
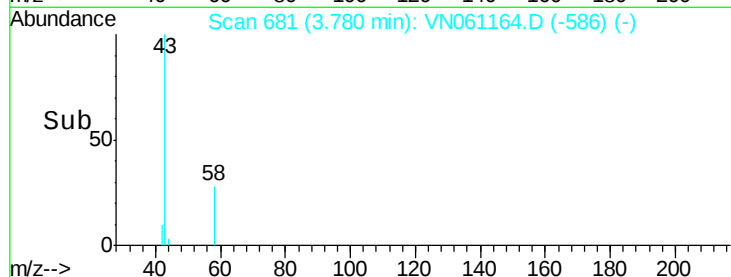
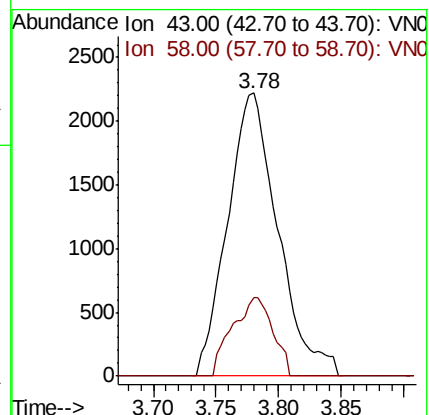
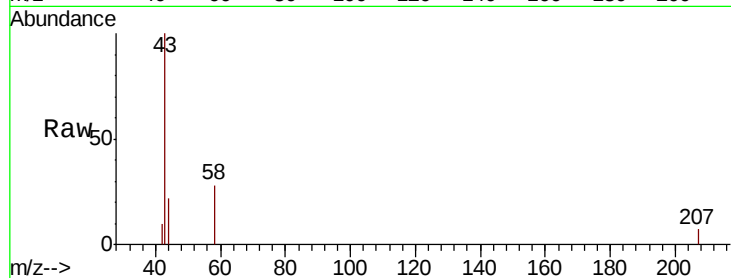
BP-VPB180-GW-498-500

Tot Ion: 43 Resp: 6186

Ion Ratio Lower Upper

43 100

58 28.0 22.2 33.2



#17

Carbon Disulfide

Concen: 0.570 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061164.D

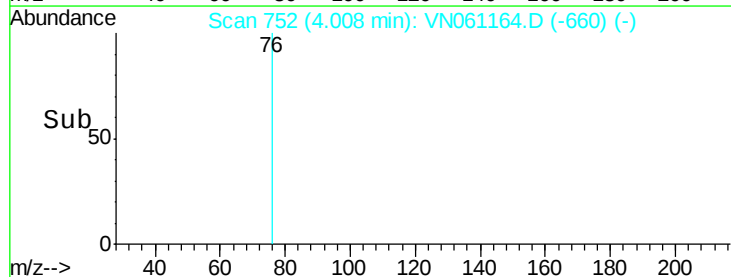
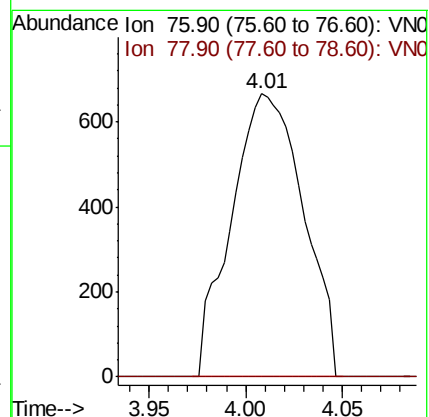
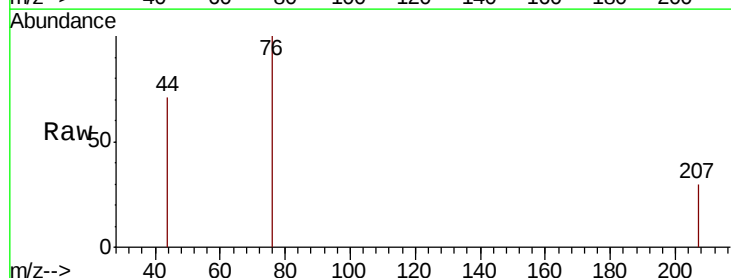
Acq: 28 Apr 2020 15:18

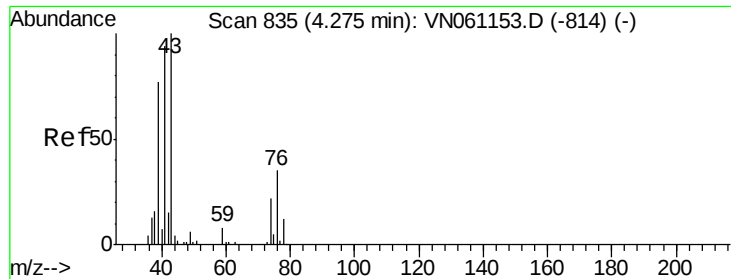
Tgt Ion: 76 Resp: 1723

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

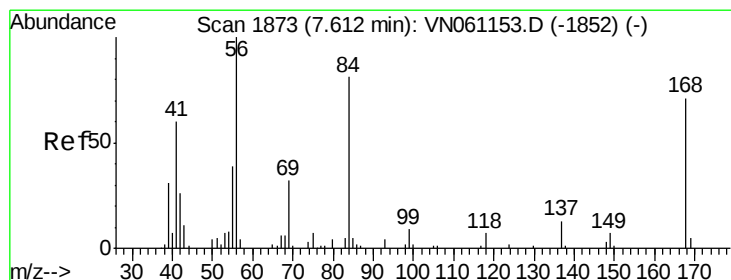
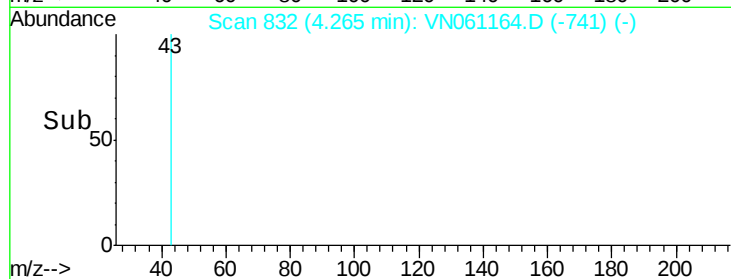
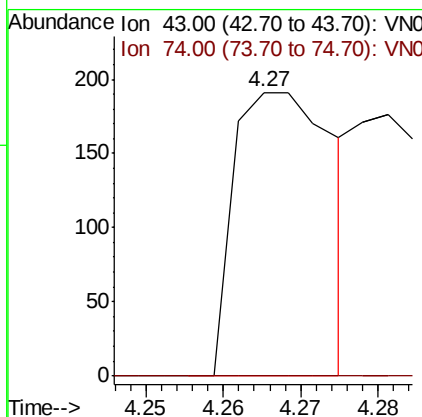
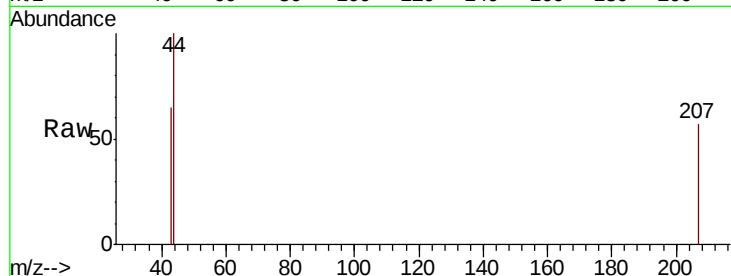




#18
Methvl Acetate
Concen: 0.760 ug/l
RT: 4.27 min Scan# 832
Delta R.T. -0.01 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

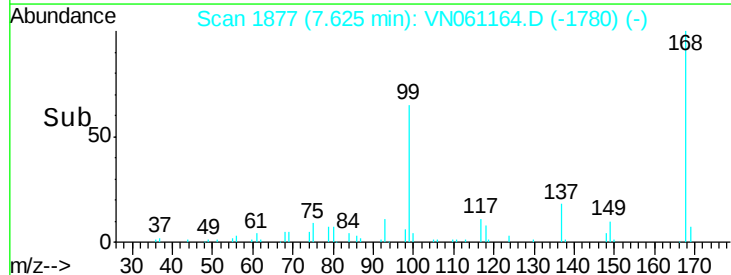
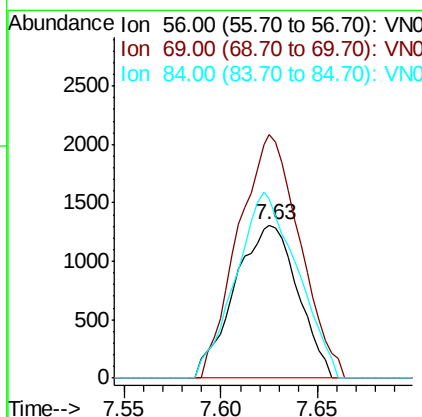
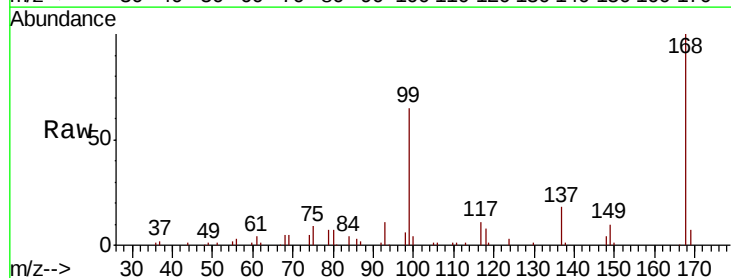
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-498-500

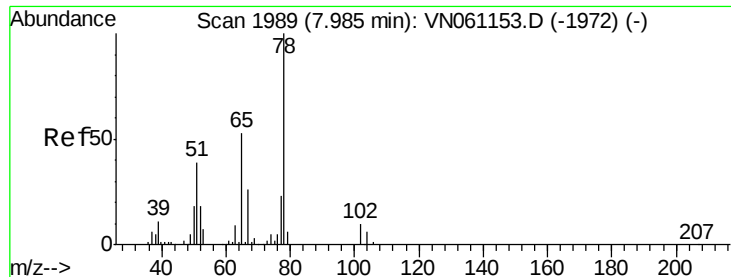
Tot Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

Tgt Ion: 56 Resp: 2964
Ion Ratio Lower Upper
56 100
69 159.3 25.7 38.5#
84 117.8 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.487 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

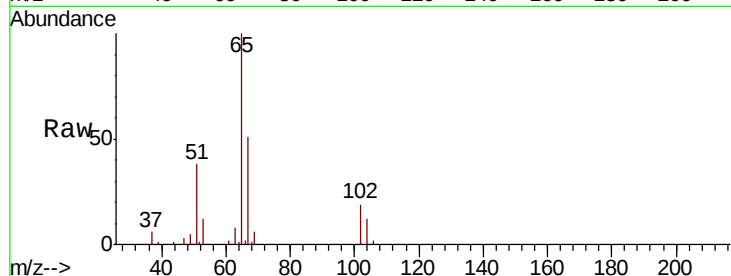
BP-VPB180-GW-498-500

Tot Ion: 65 Resp: 84491

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.99

40000

30000

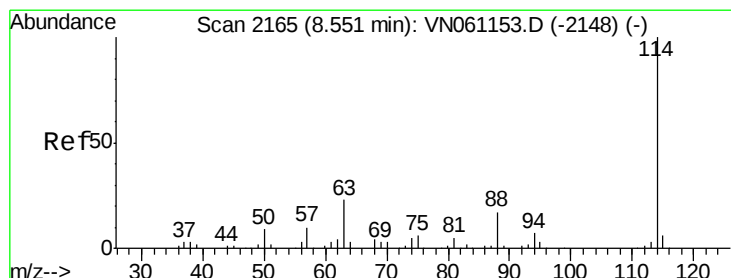
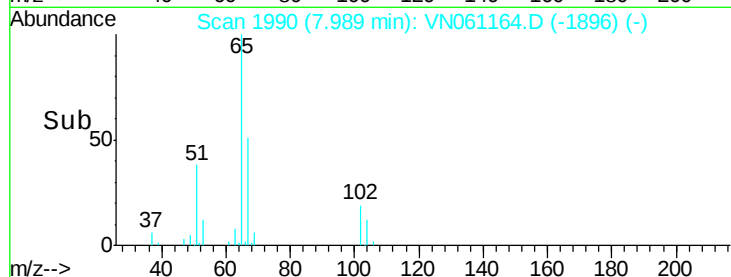
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

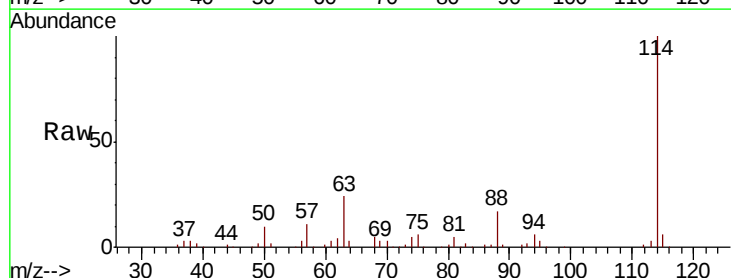
Tgt Ion: 114 Resp: 184736

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.9 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

120000

100000

80000

60000

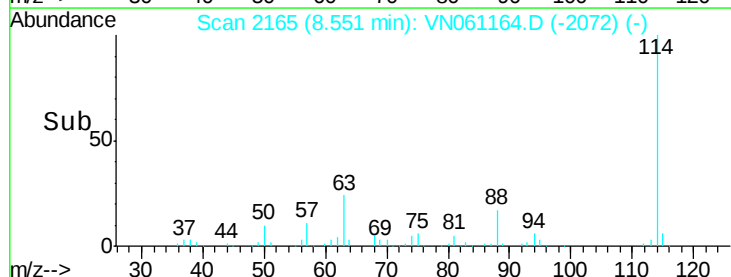
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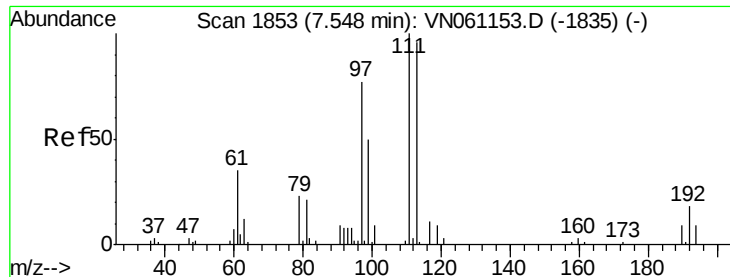
20000

0

8.45 8.50 8.55 8.60 8.65

Time-->

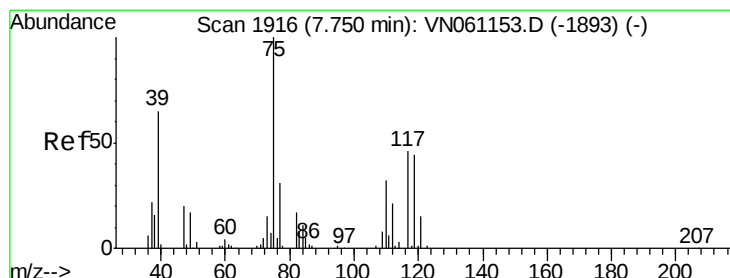
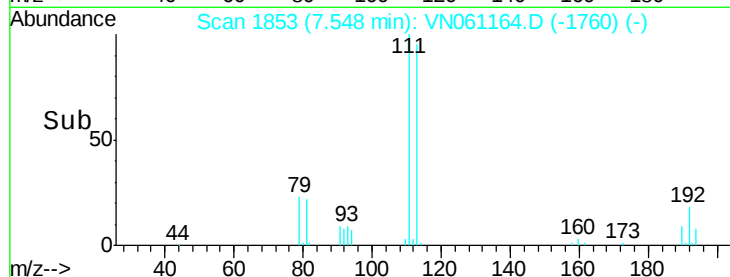
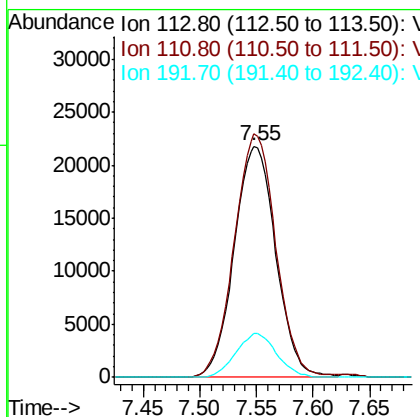
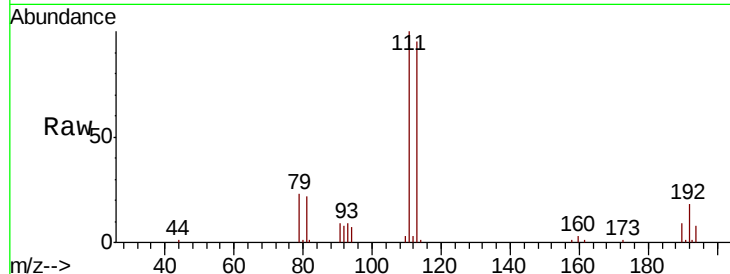




#35
 Dibromofluoromethane
 Concen: 51.161 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061164.D
 Acq: 28 Apr 2020 15:18

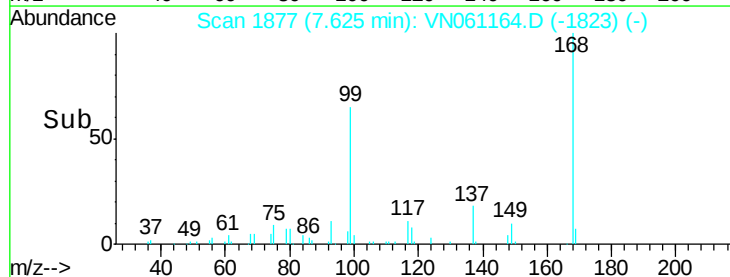
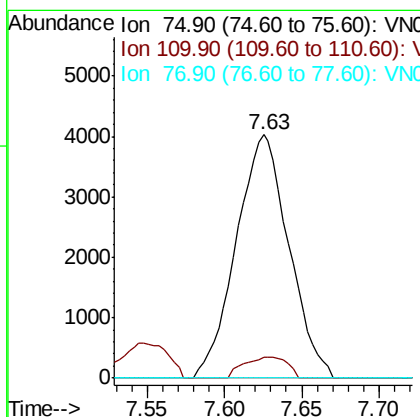
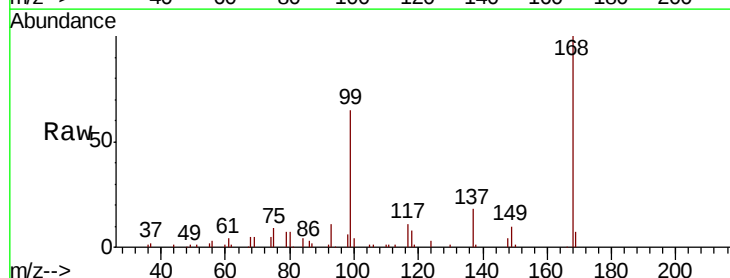
Instrument :
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 BP-VPB180-GW-498-500

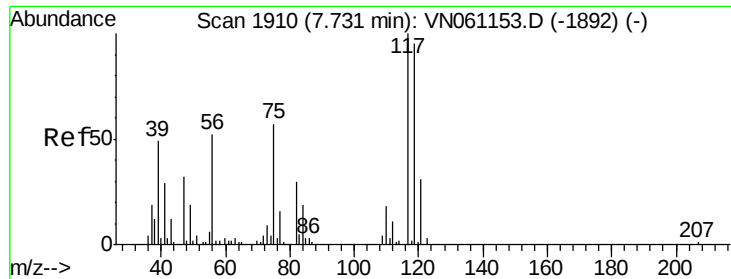
Tot Ion:113 Resp: 55888
 Ion Ratio Lower Upper
 113 100
 111 105.7 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.144 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061164.D
 Acq: 28 Apr 2020 15:18

Tgt Ion: 75 Resp: 9513
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.0 48.0#
 77 0.0 24.6 37.0#

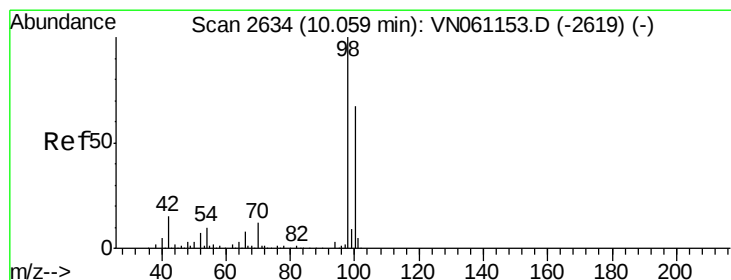
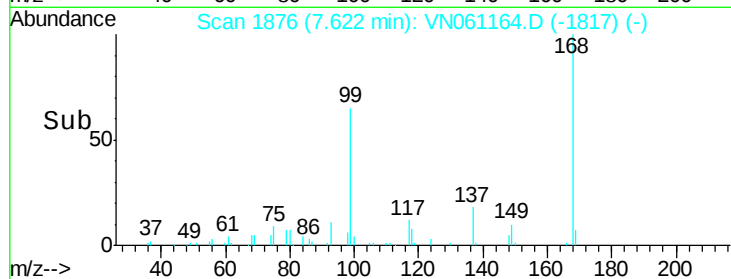
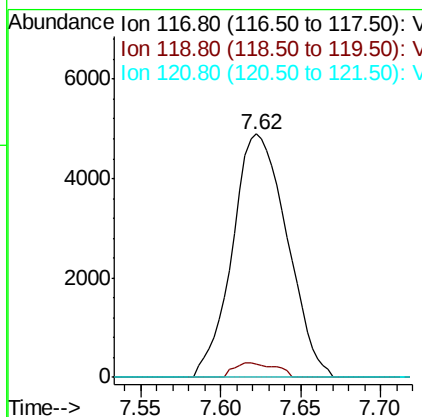
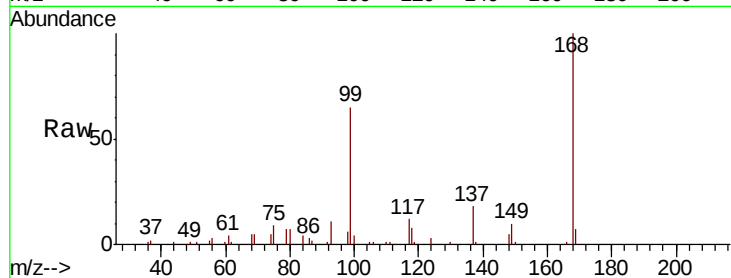




#38
Carbon Tetrachloride
Concen: 7.736 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.11 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

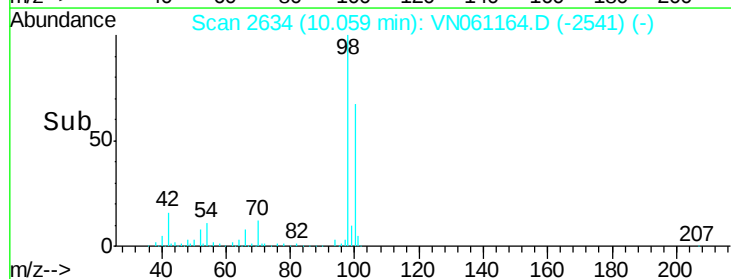
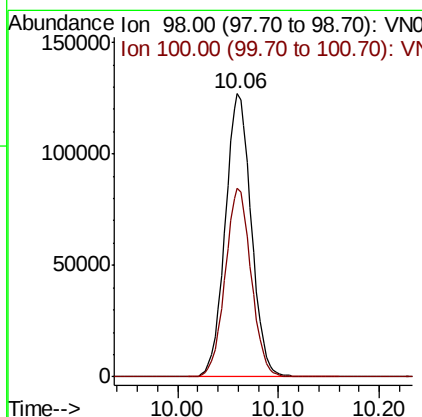
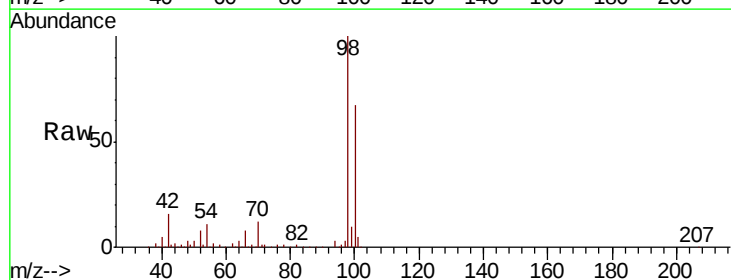
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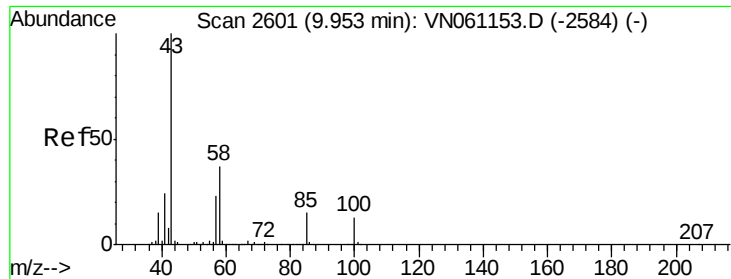
Tot Ion:117 Resp: 11440
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.384 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

Tgt Ion: 98 Resp: 228821
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.655 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

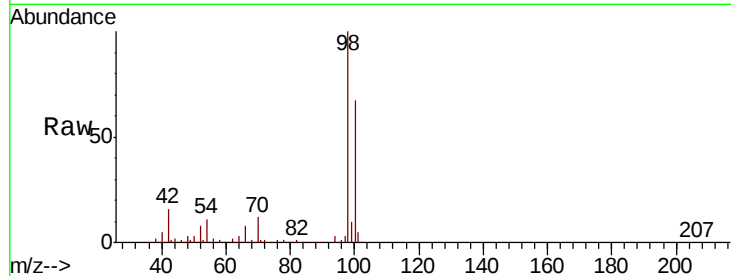
BP-VPB180-GW-498-500

Tot Ion: 43 Resp: 1387

Ion Ratio Lower Upper

43 100

58 154.8 29.1 43.7#



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

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

1500

1000

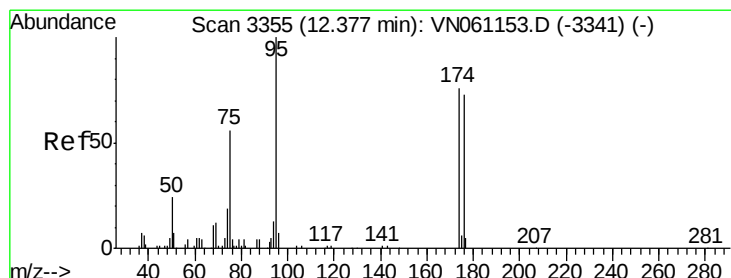
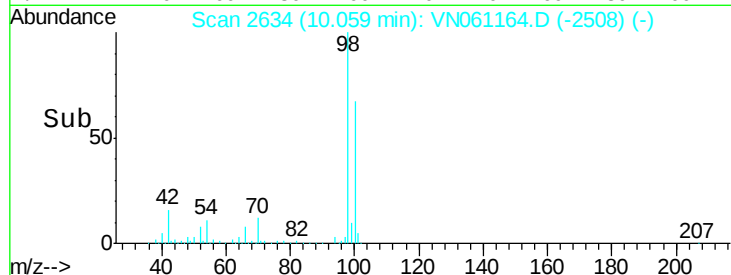
500

0

10.00 10.05 10.10

10.06

Time-->



#62

4-Bromofluorobenzene

Concen: 52.524 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

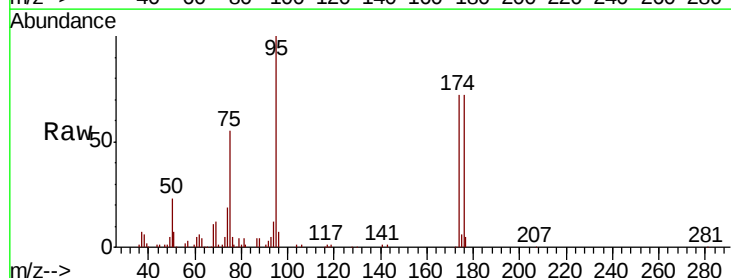
Tgt Ion: 95 Resp: 88019

Ion Ratio Lower Upper

95 100

174 71.7 0.0 149.4

176 70.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

60000

40000

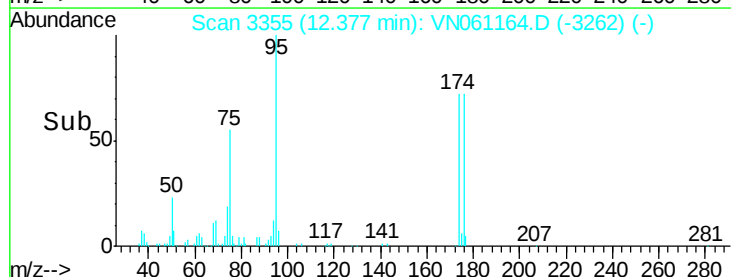
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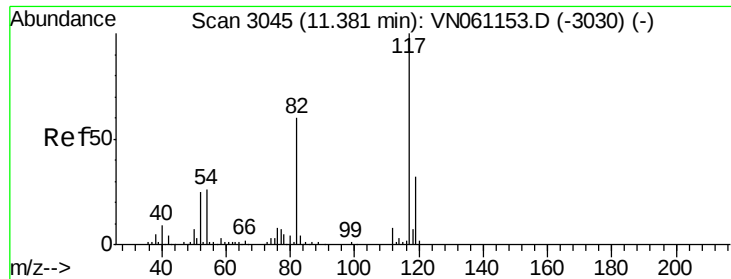
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12.30 12.35 12.40 12.45

12.38

Time-->

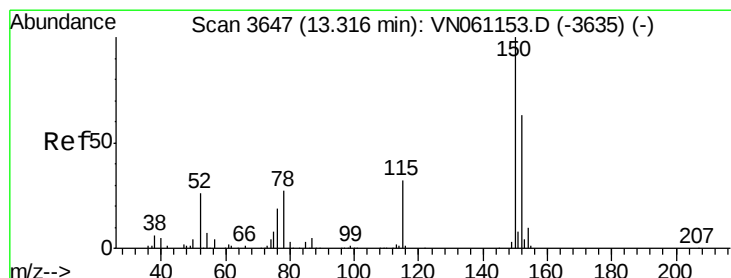
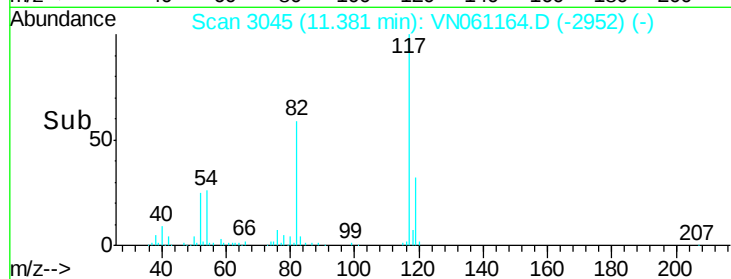
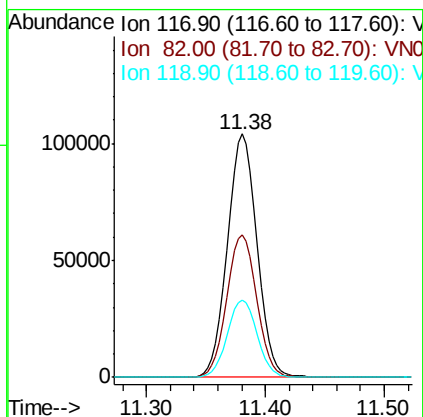
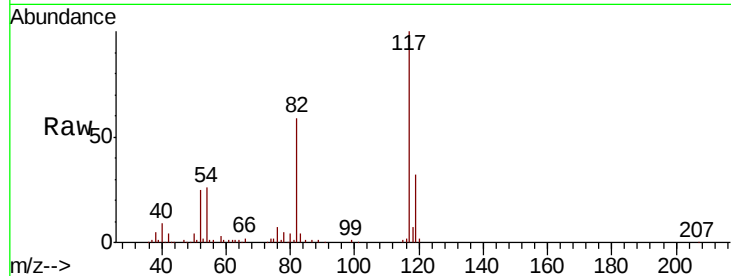




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

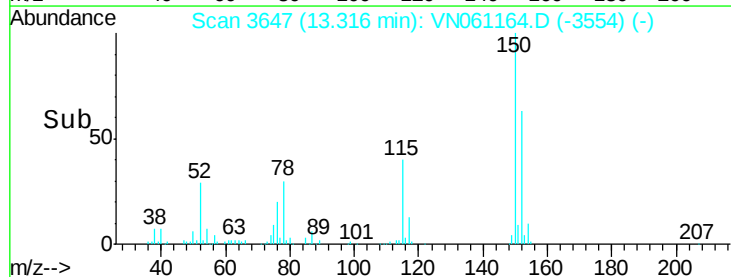
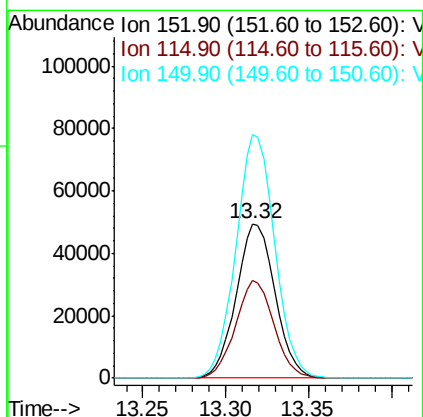
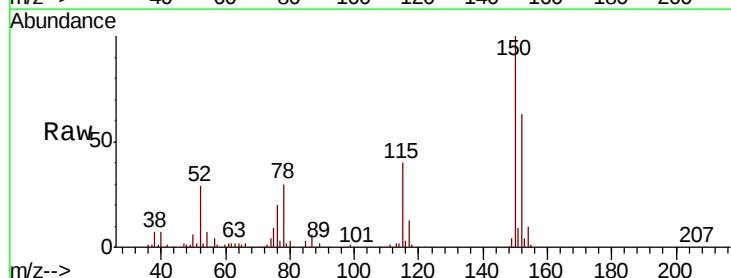
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-498-500

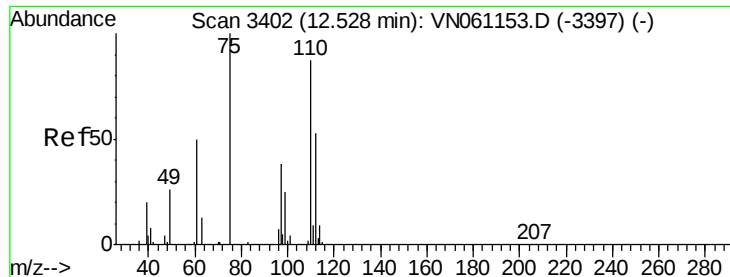
Tot Ion:117 Resp: 179682
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061164.D
Acq: 28 Apr 2020 15:18

Tgt Ion:152 Resp: 80640
Ion Ratio Lower Upper
152 100
115 62.2 31.0 93.0
150 157.3 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 28.653 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

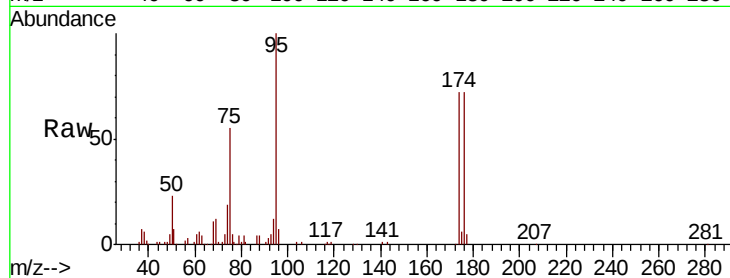
BP-VPB180-GW-498-500

Tot Ion: 75 Resp: 48713

Ion Ratio Lower Upper

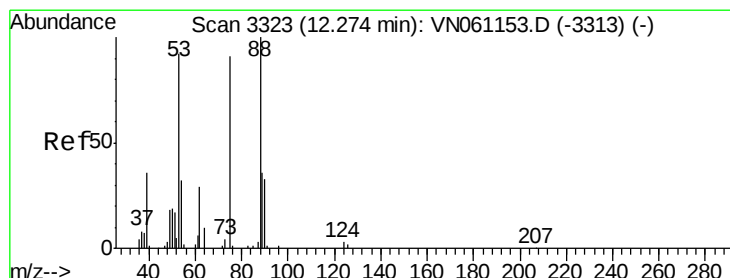
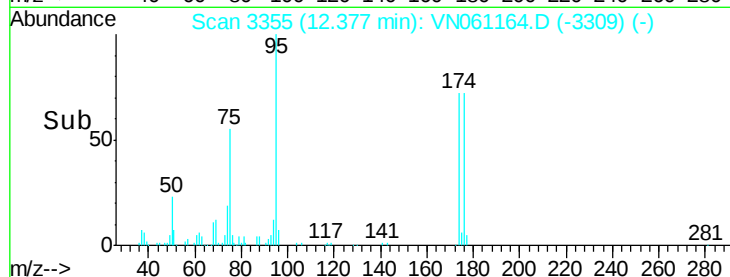
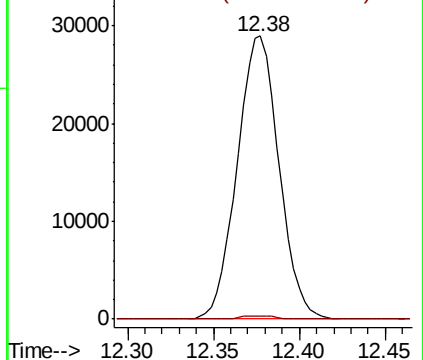
75 100

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: 72.763 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061164.D

Acq: 28 Apr 2020 15:18

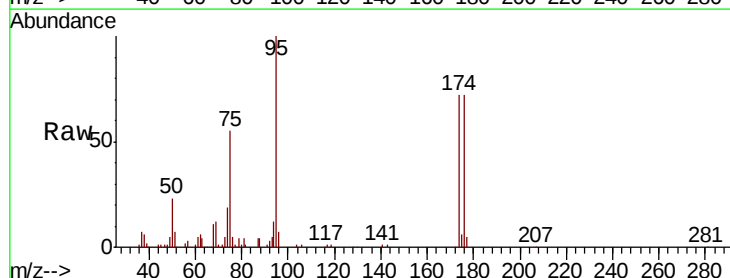
Tgt Ion: 75 Resp: 48713

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

