

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061074.D
 Acq On : 18 Apr 2020 00:51
 Operator : JC/MD
 Sample : L2338-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-24S-20200414

Quant Time: Apr 20 01:40:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	238841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	225882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	95952	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
35) Dibromofluoromethane	7.56	113	71991	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
50) Toluene-d8	10.08	98	296002	56.16	ug/l	0.00
Spiked Amount			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.39	95	108467	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	

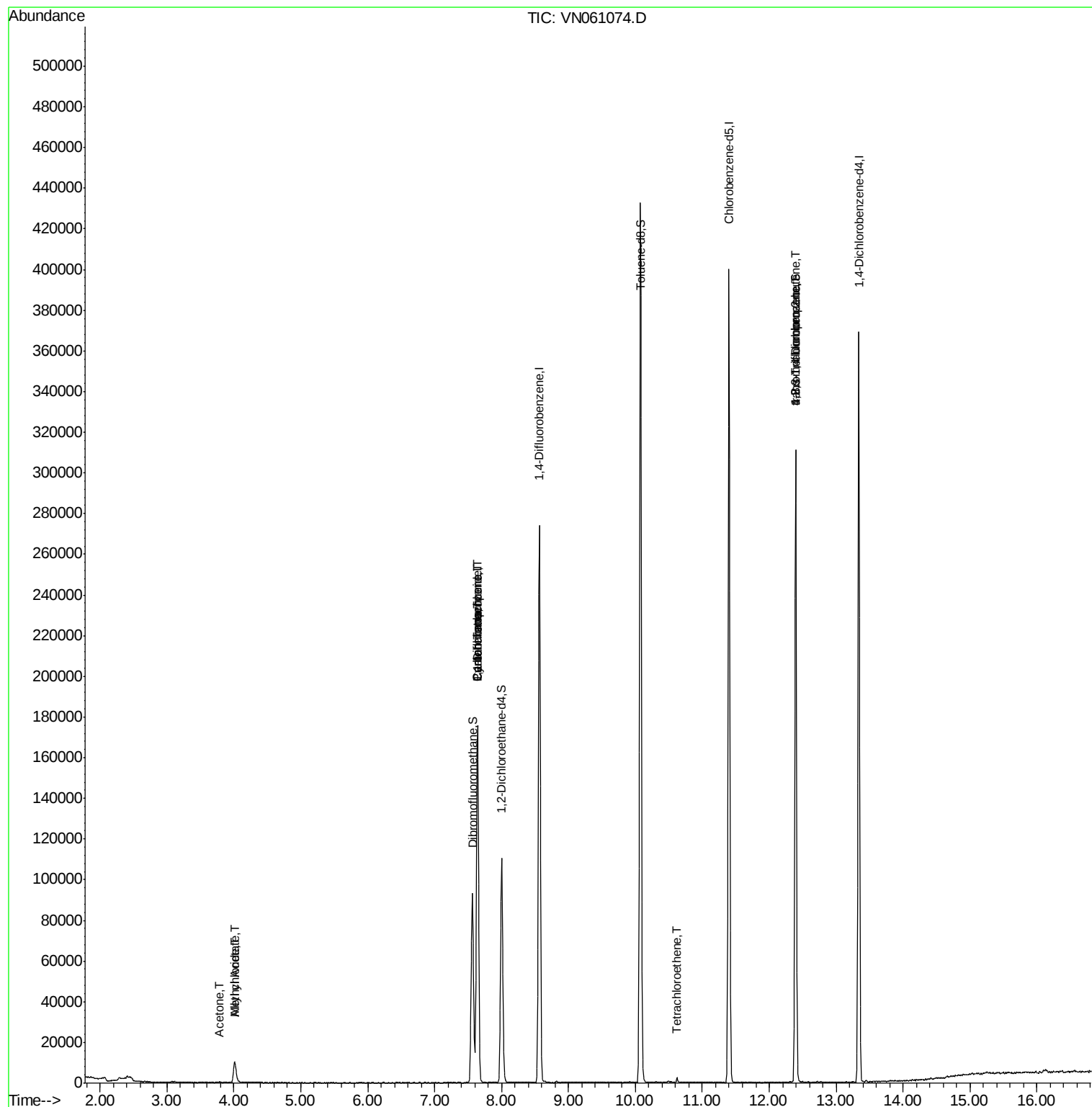
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.01	41	1416	0.488	ug/l #	74
16) Acetone	3.78	43	428	0.542	ug/l #	44
18) Methyl Acetate	4.01	43	3520	1.422	ug/l #	54
31) Cyclohexane	7.64	56	3195	0.957	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11331	4.597	ug/l #	49
38) Carbon Tetrachloride	7.64	117	13692	6.674	ug/l #	16
64) Tetrachloroethene	10.62	164	443	0.256	ug/l #	81
76) 1,2,3-Trichloropropane	12.39	75	55542	26.165	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	55542	64.539	ug/l #	12

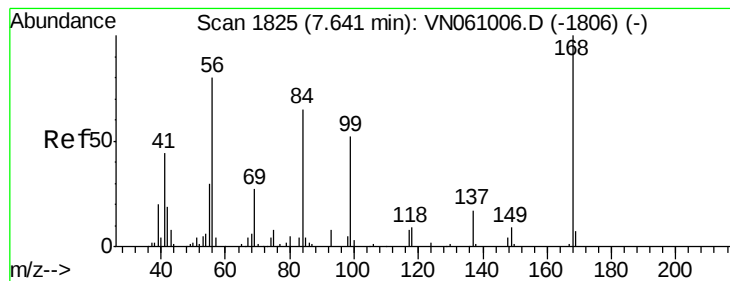
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

MSVOA_N

ClientSampleId :

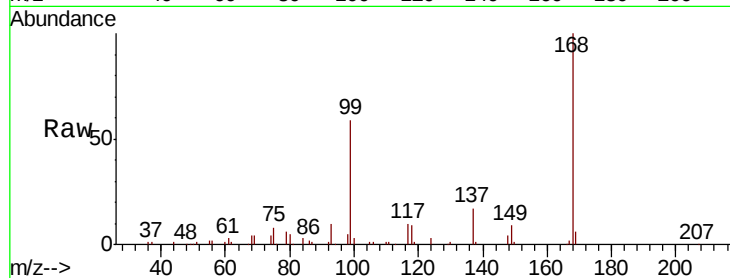
BP-HN-24S-20200414

Tot Ion:168 Resp: 140152

Ion Ratio Lower Upper

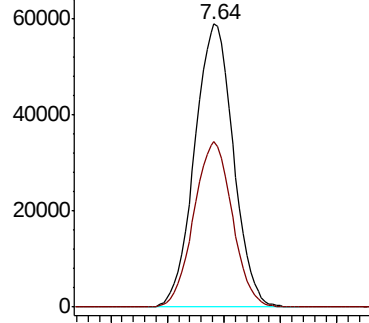
168 100

99 58.5 47.4 71.2

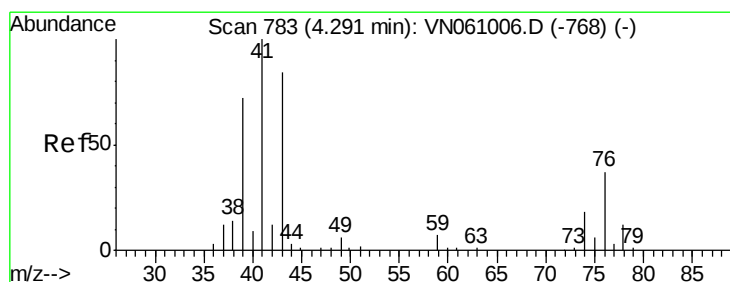
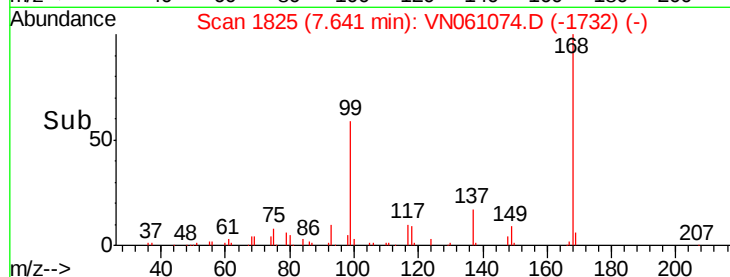


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



Time-->



#14

Allyl chloride

Concen: 0.488 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.28 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

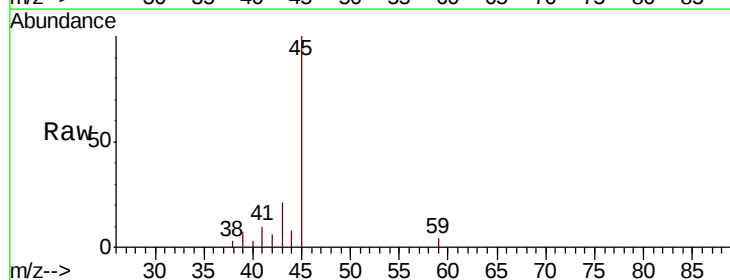
Tgt Ion: 41 Resp: 1416

Ion Ratio Lower Upper

41 100

39 78.0 56.3 84.5

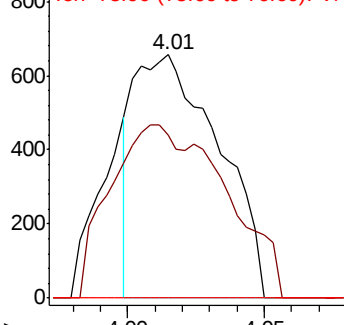
76 0.0 27.7 41.5#



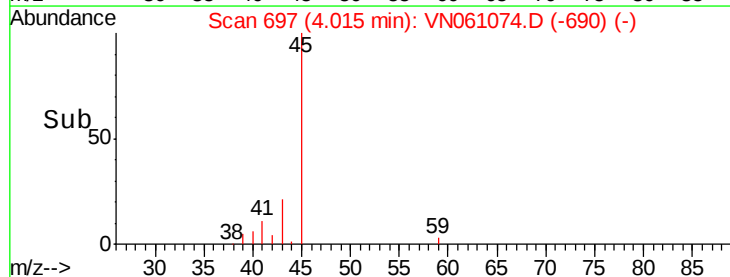
Abundance Ion 41.00 (40.70 to 41.70): VN

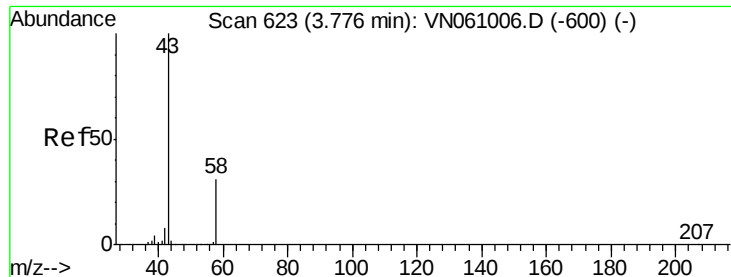
Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN



Time-->





#16

Acetone

Concen: 0.542 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

MSVOA_N

ClientSampleId :

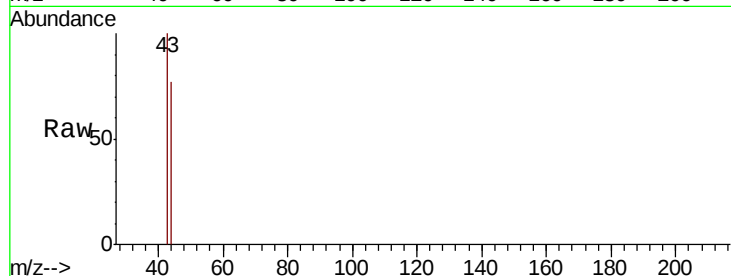
BP-HN-24S-20200414

Tot Ion: 43 Resp: 428

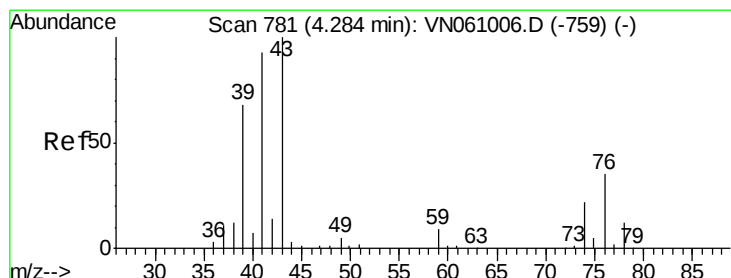
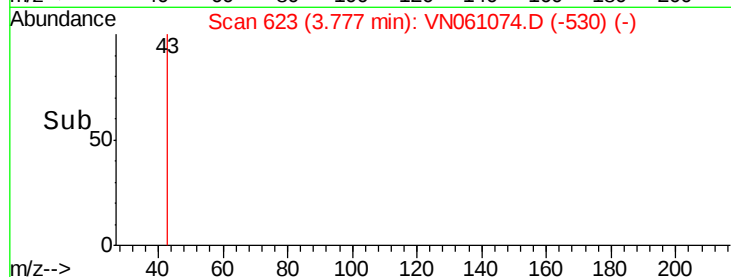
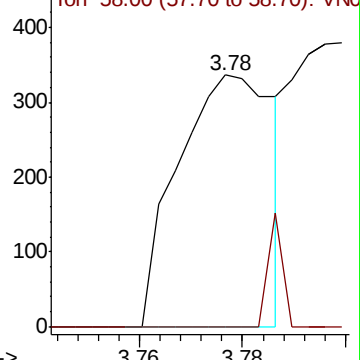
Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)



#18

Methyl Acetate

Concen: 1.422 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.27 min

Lab File: VN061074.D

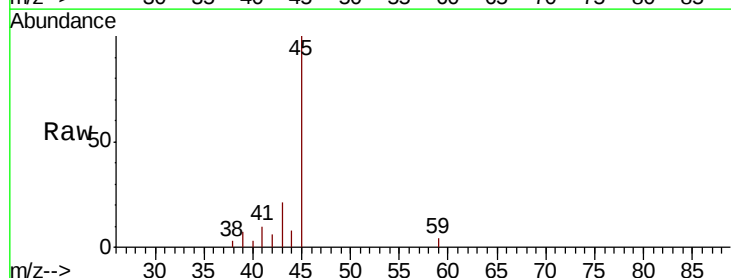
Acq: 18 Apr 2020 00:51

Tgt Ion: 43 Resp: 3520

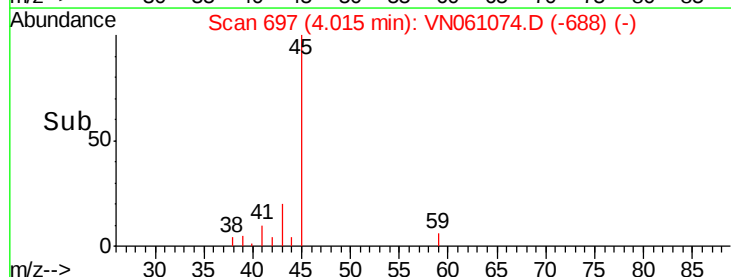
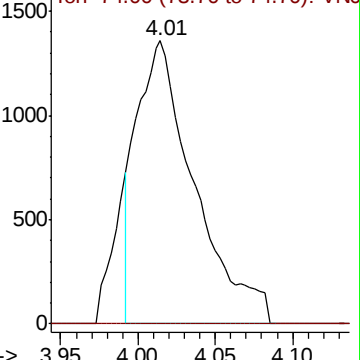
Ion Ratio Lower Upper

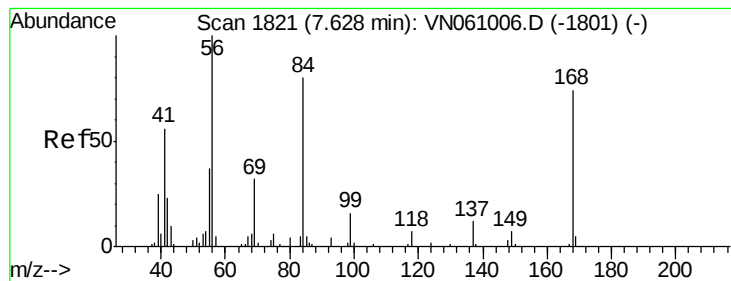
43 100

74 0.0 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)





#31

Cyclohexane

Concen: 0.957 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

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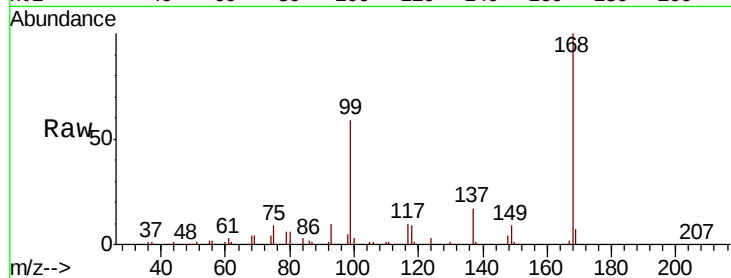
Tot Ion: 56 Resp: 3195

Ion Ratio Lower Upper

56 100

69 166.5 25.6 38.4#

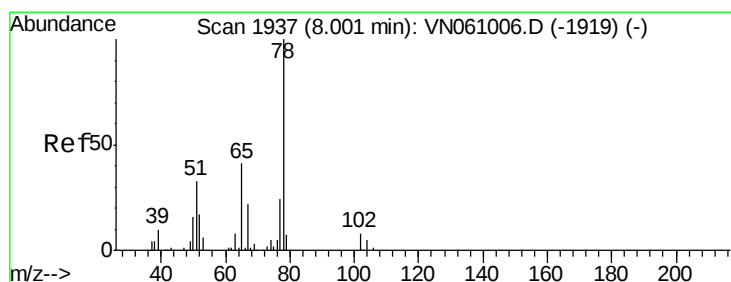
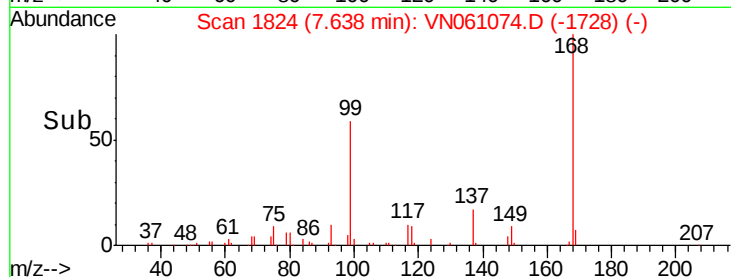
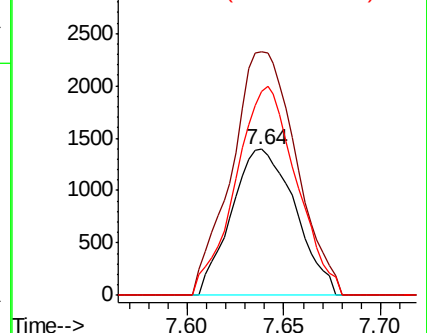
84 139.6 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.510 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061074.D

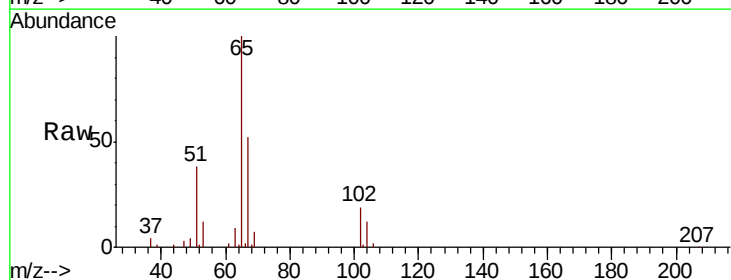
Acq: 18 Apr 2020 00:51

Tgt Ion: 65 Resp: 95952

Ion Ratio Lower Upper

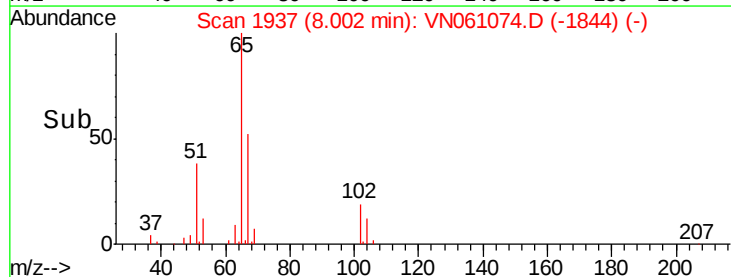
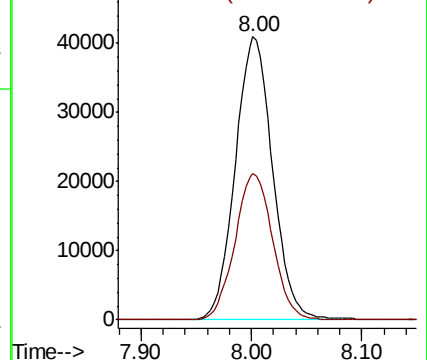
65 100

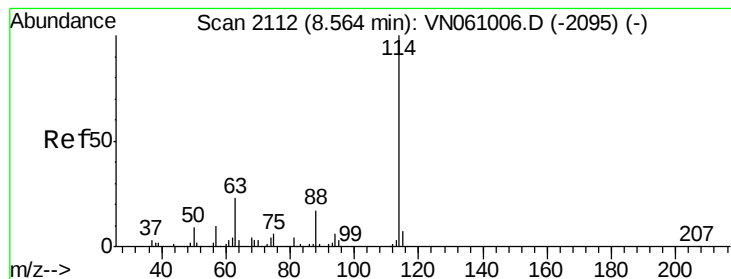
67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

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BP-HN-24S-20200414

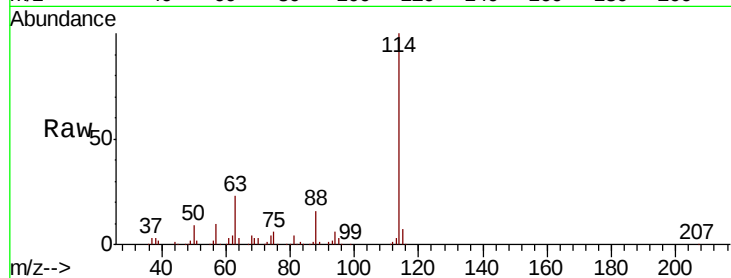
Tot Ion:114 Resp: 238841

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

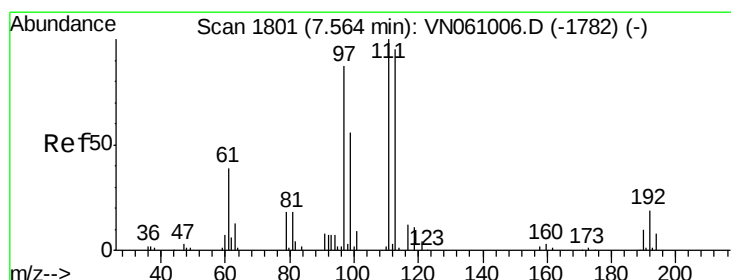
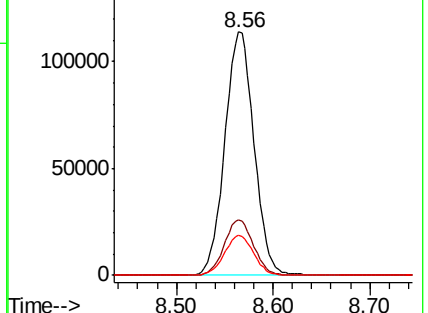
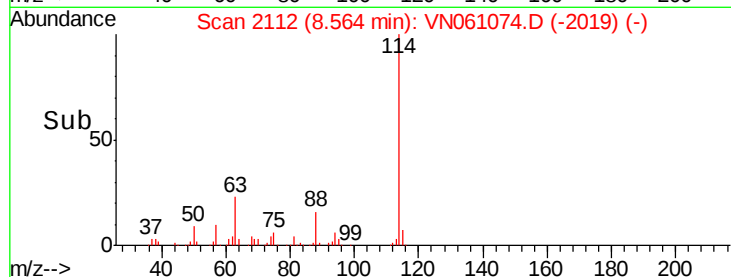
88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.614 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

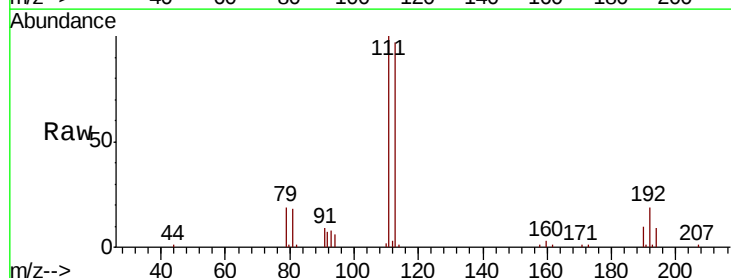
Tgt Ion:113 Resp: 71991

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

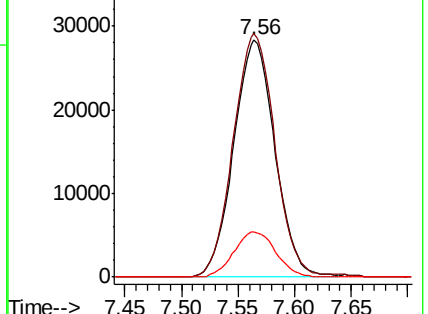
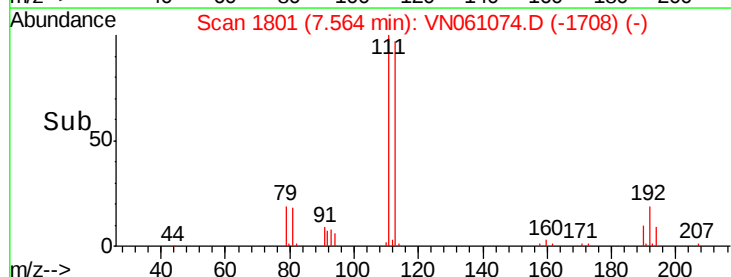
192 19.3 15.5 23.3

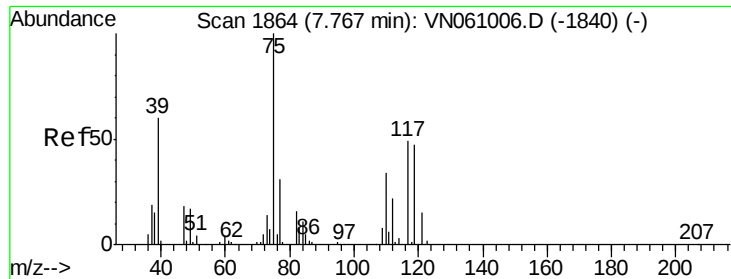


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

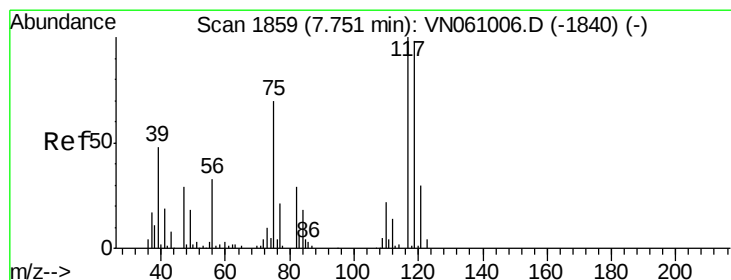
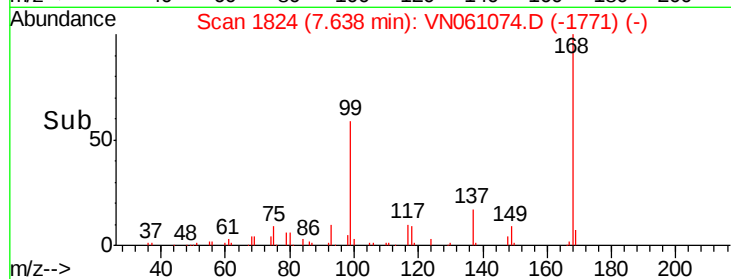
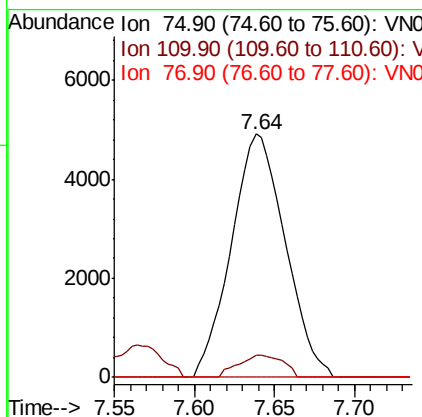
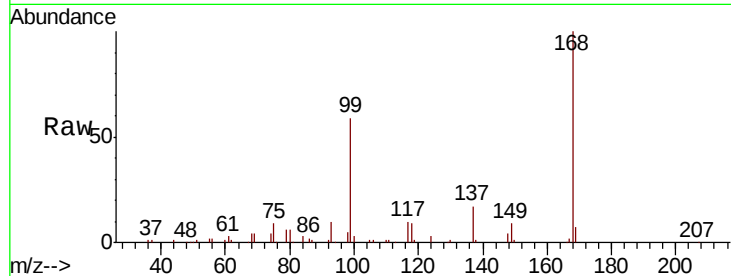




#36
 1,1-Dichloropropene
 Concen: 4.597 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061074.D
 Acq: 18 Apr 2020 00:51

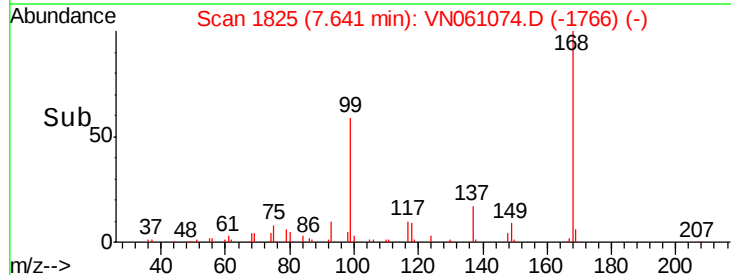
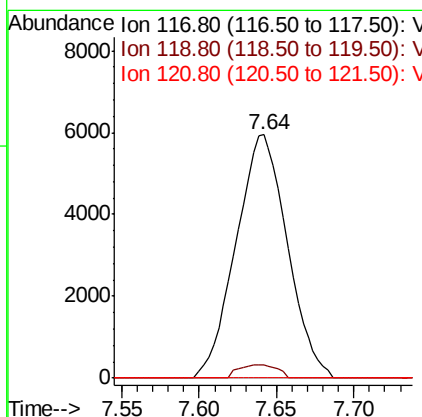
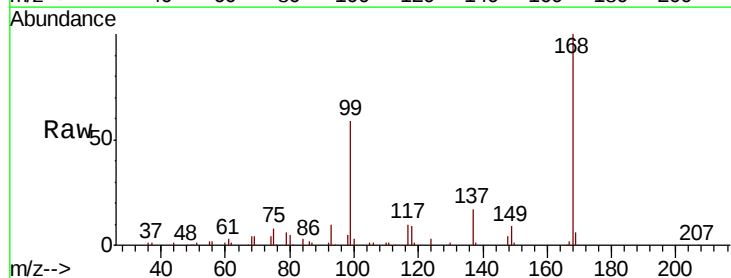
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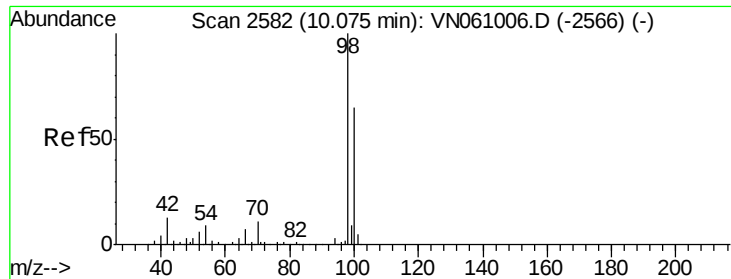
Tot Ion	75	Resp	11331
Ion Ratio	100	Lower	Upper
75	100		
110	7.6	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.674 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN061074.D
 Acq: 18 Apr 2020 00:51

Tgt Ion	117	Resp	13692
Ion Ratio	100	Lower	Upper
117	100		
119	5.5	78.1	117.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.160 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

MSVOA_N

ClientSampleId :

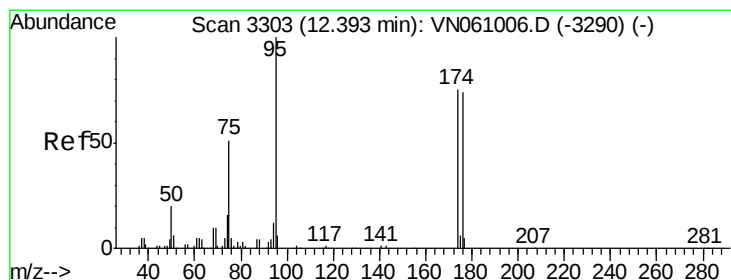
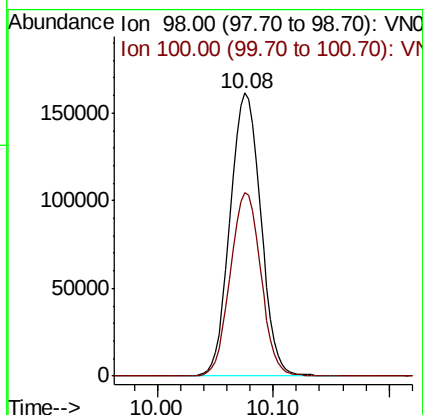
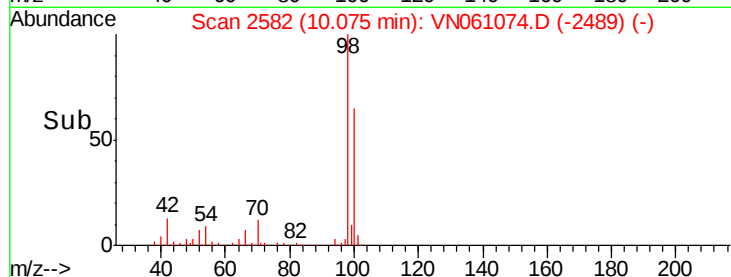
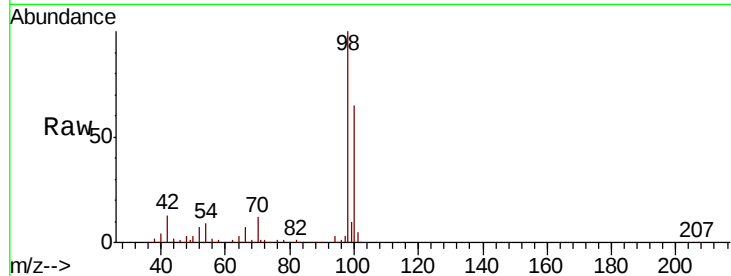
BP-HN-24S-20200414

Tot Ion: 98 Resp: 296002

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.508 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

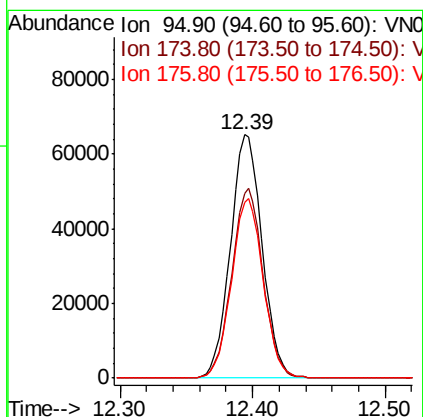
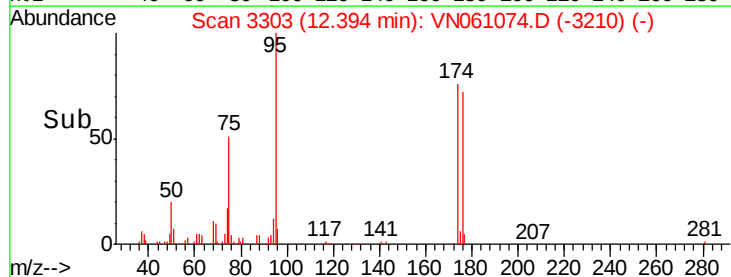
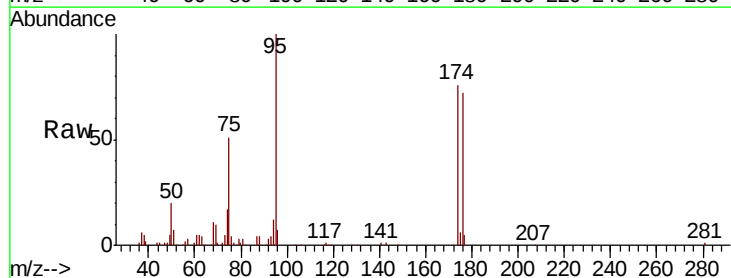
Tgt Ion: 95 Resp: 108467

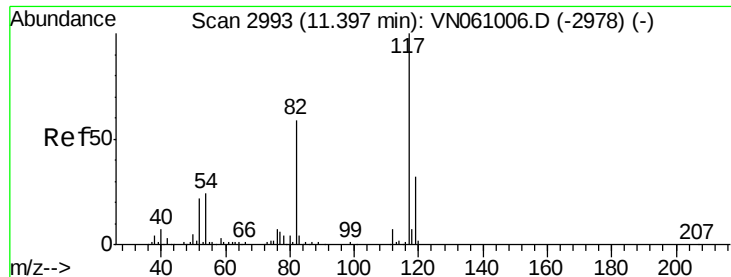
Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.2

176 73.8 0.0 148.2

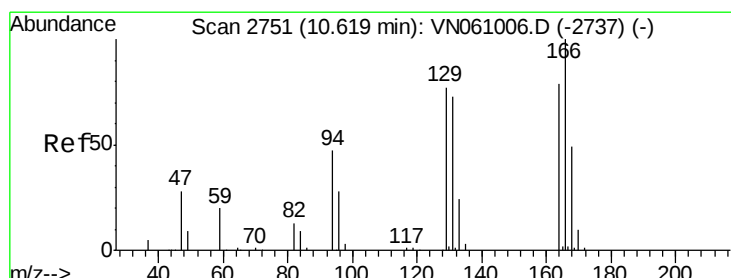
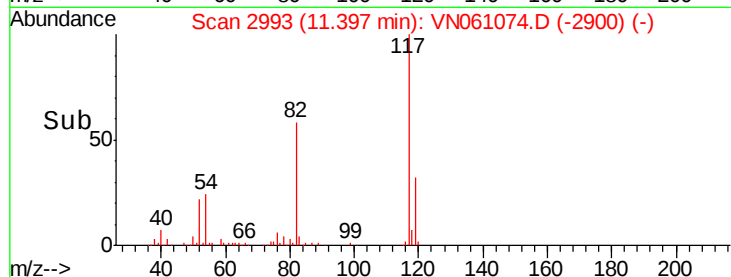
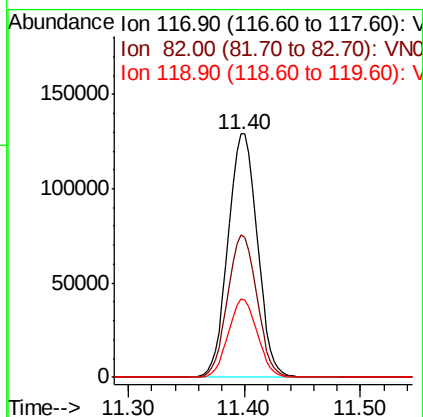
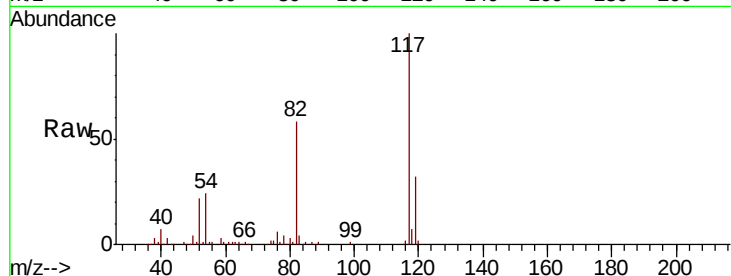




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061074.D
Acq: 18 Apr 2020 00:51

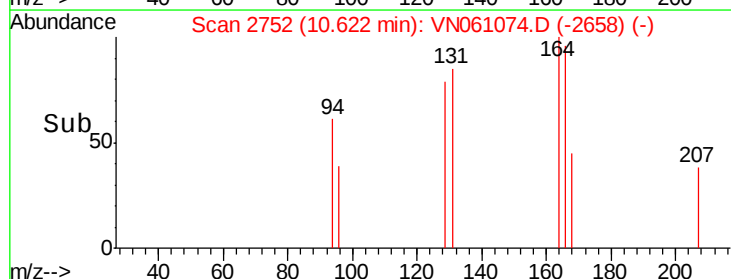
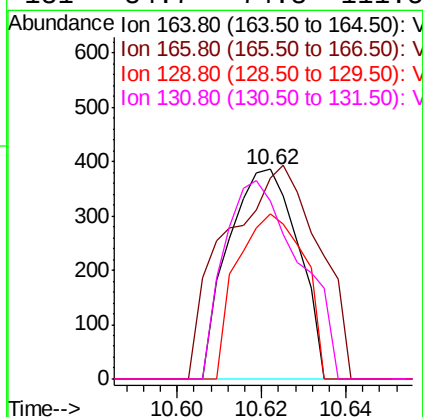
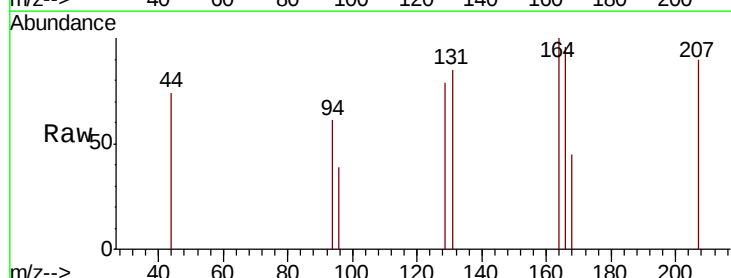
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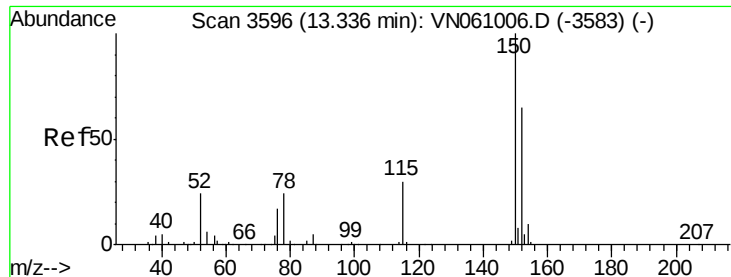
Tot Ion:117 Resp: 225882
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN061074.D
Acq: 18 Apr 2020 00:51

Tgt Ion:164 Resp: 443
Ion Ratio Lower Upper
164 100
166 95.9 101.6 152.4#
129 79.0 78.5 117.7
131 84.7 74.3 111.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-24S-20200414

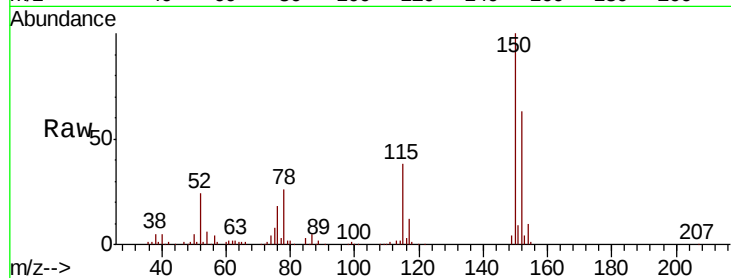
Tot Ion:152 Resp: 96506

Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.4

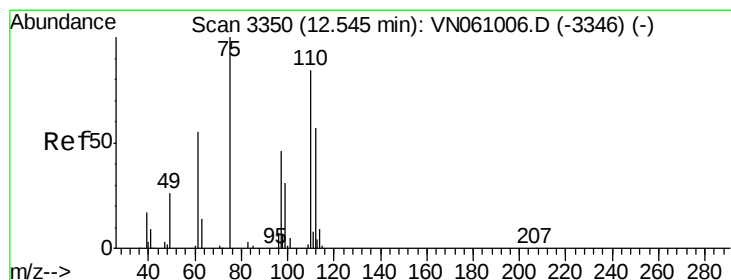
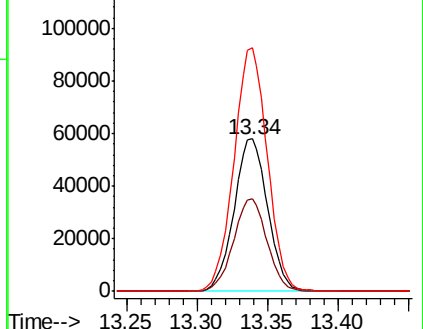
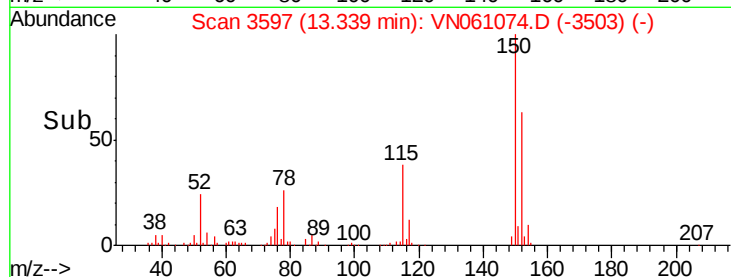
150 159.3 0.0 349.0



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: 26.165 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061074.D

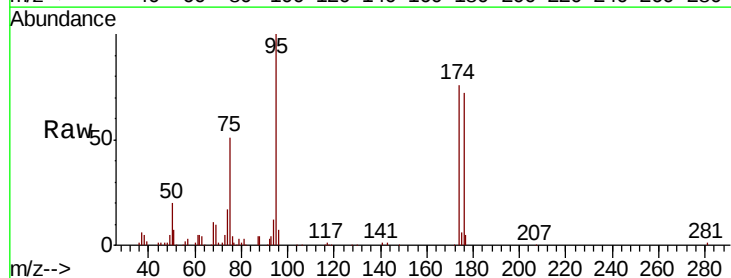
Acq: 18 Apr 2020 00:51

Tgt Ion: 75 Resp: 55542

Ion Ratio Lower Upper

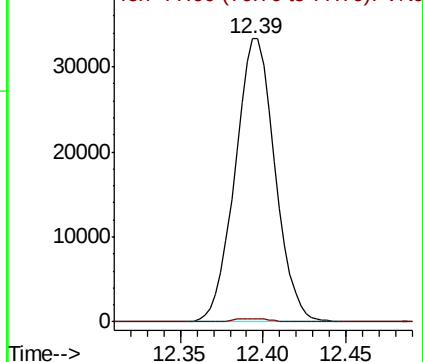
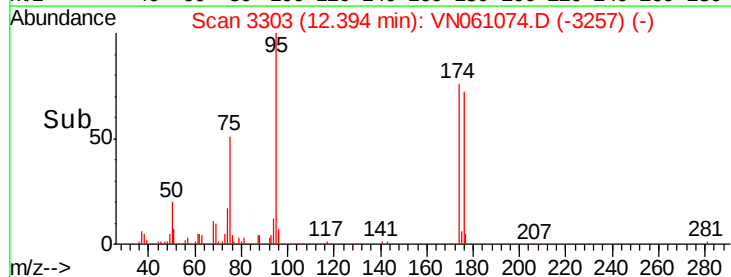
75 100

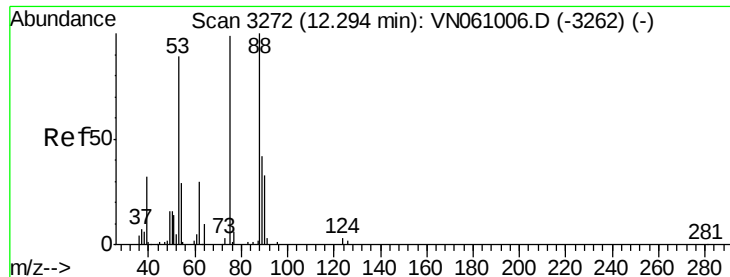
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.539 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061074.D

Acq: 18 Apr 2020 00:51

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-24S-20200414

Tot Ion: 75 Resp: 55542

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

