

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061061.D
 Acq On : 17 Apr 2020 19:10
 Operator : JC/MD
 Sample : PB128280TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128280TB

Quant Time: Apr 20 01:34:06 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	151601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	260313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107774	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	104765	54.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.02%	
35) Dibromofluoromethane	7.57	113	78824	51.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.70%	
50) Toluene-d8	10.08	98	322576	56.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.30%	
62) 4-Bromofluorobenzene	12.40	95	120505	53.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.04%	

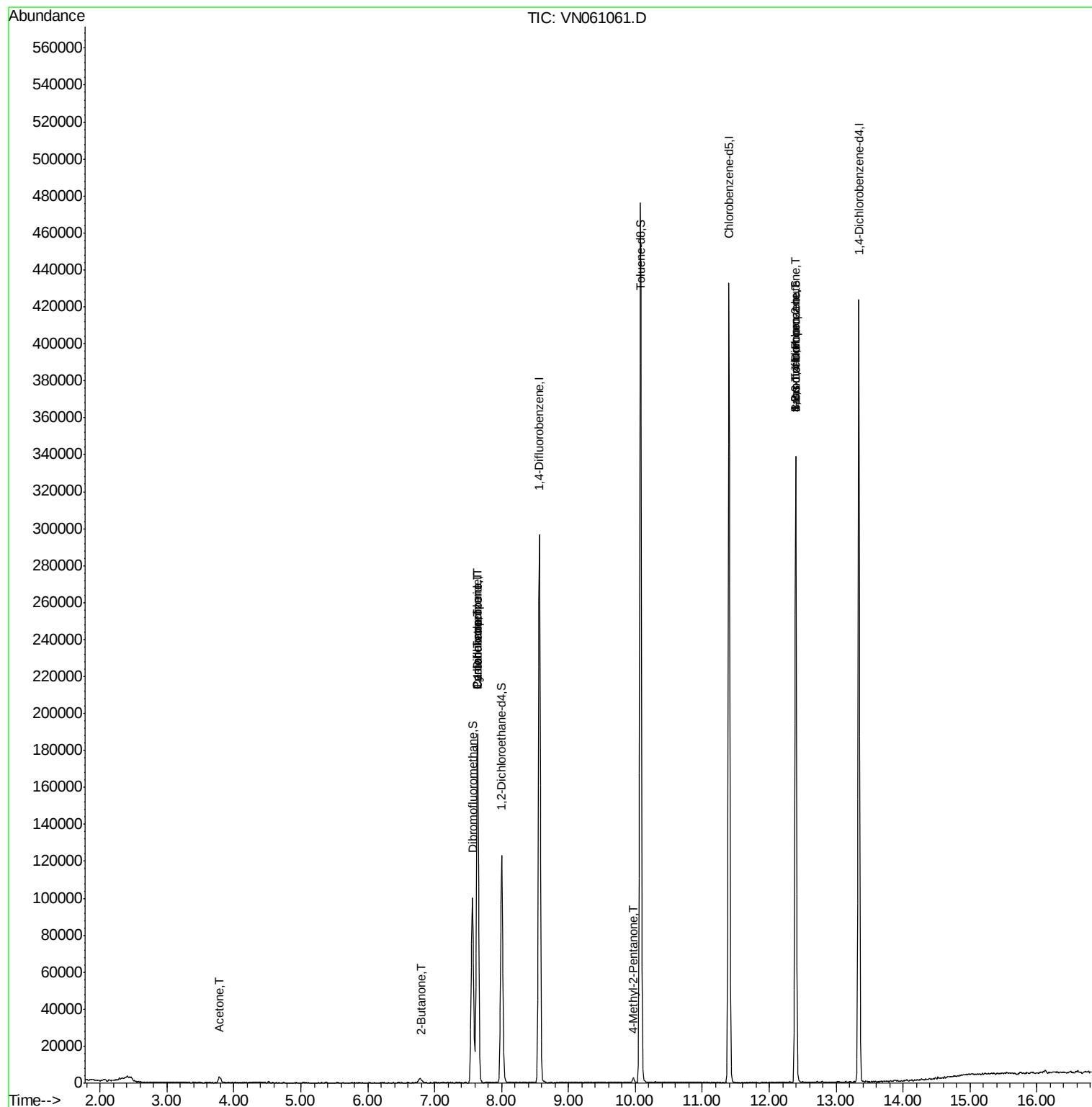
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6036	7.070	ug/l	99
25) 2-Butanone	6.81	43	1893	1.447	ug/l	97
31) Cyclohexane	7.64	56	3357	0.929	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12430	4.627	ug/l #	49
38) Carbon Tetrachloride	7.64	117	14926	6.676	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	2014	0.736	ug/l	94
71) Bromoform	12.40	173	397	0.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	61396	25.899	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	61396	63.882	ug/l #	12

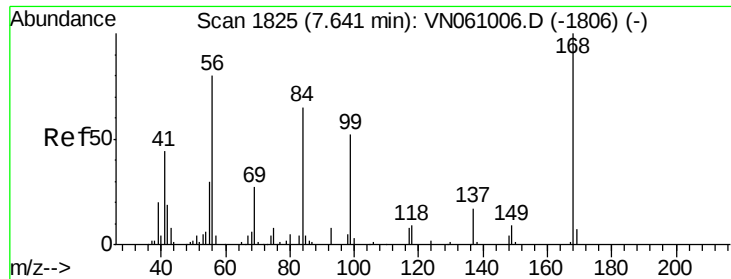
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Apr 20 01:34:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

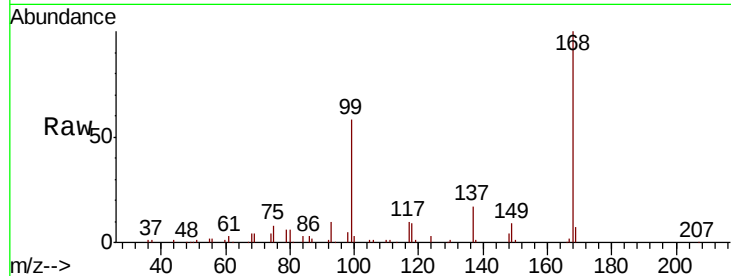
PB128280TB

Tot Ion:168 Resp: 151601

Ion Ratio Lower Upper

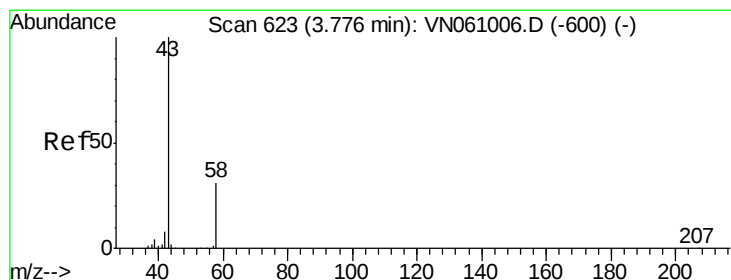
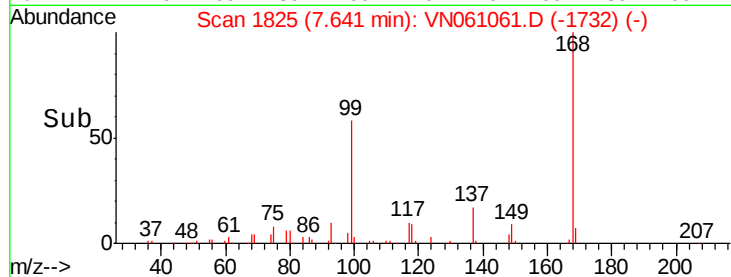
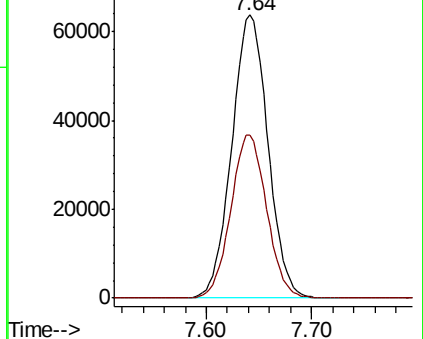
168 100

99 57.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.070 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061061.D

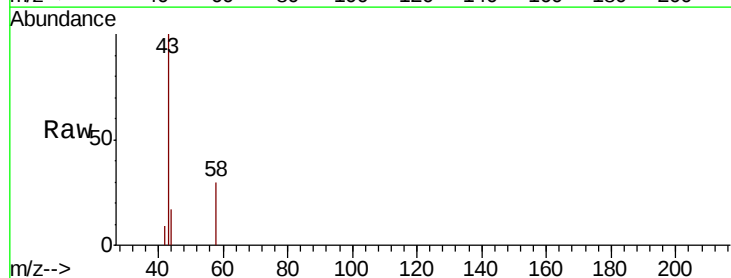
Acq: 17 Apr 2020 19:10

Tgt Ion: 43 Resp: 6036

Ion Ratio Lower Upper

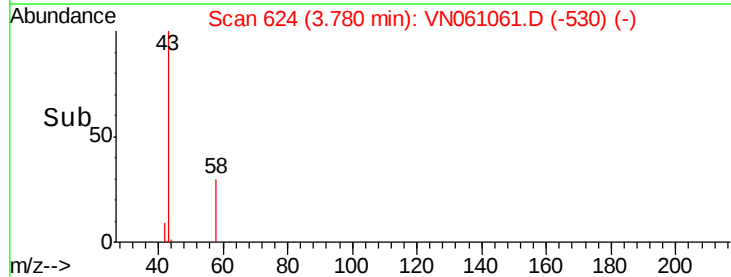
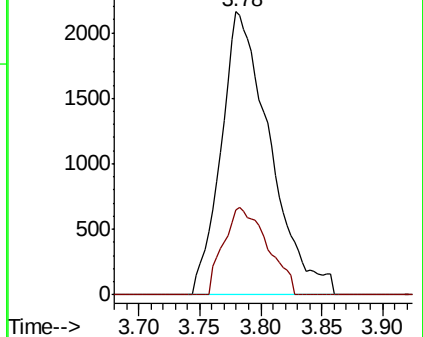
43 100

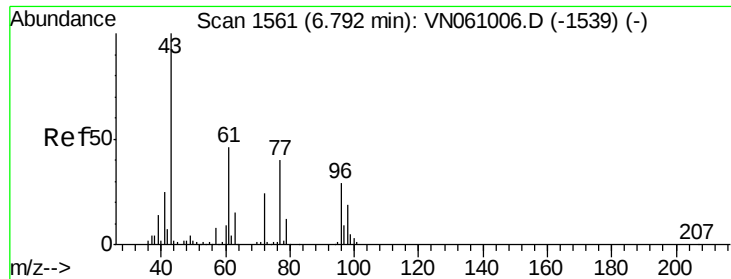
58 30.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

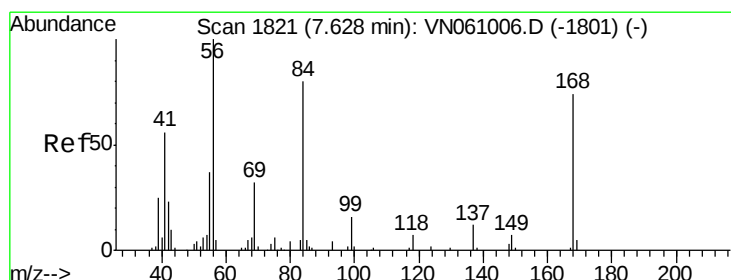
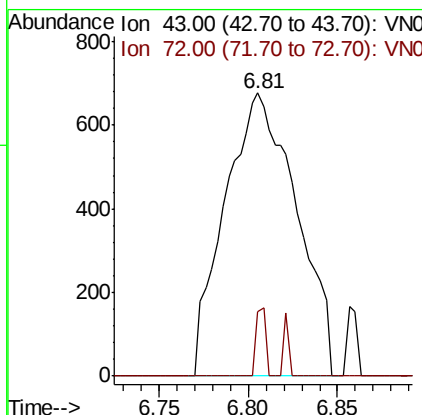
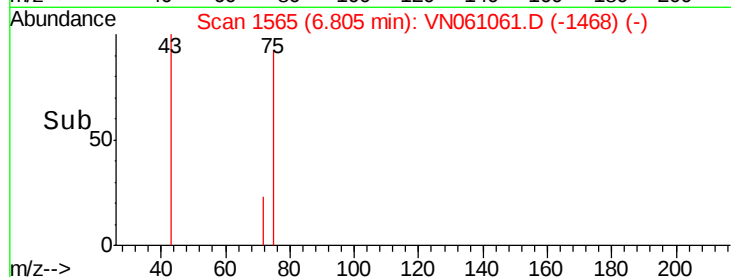
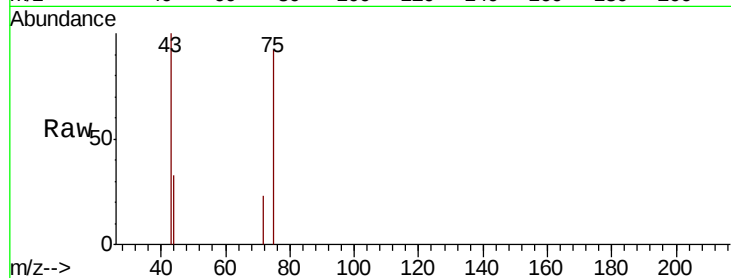




#25
2-Butanone
Concen: 1.447 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VN061061.D
Acq: 17 Apr 2020 19:10

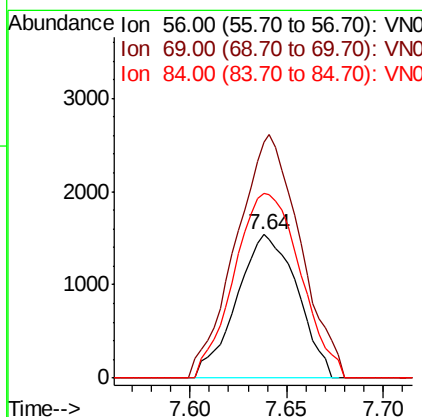
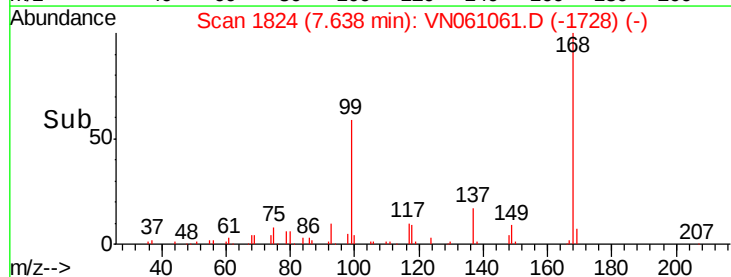
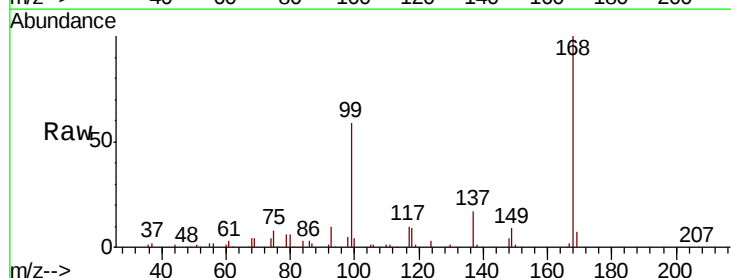
Instrument :
MSVOA_N
ClientSampleId :
PB128280TB

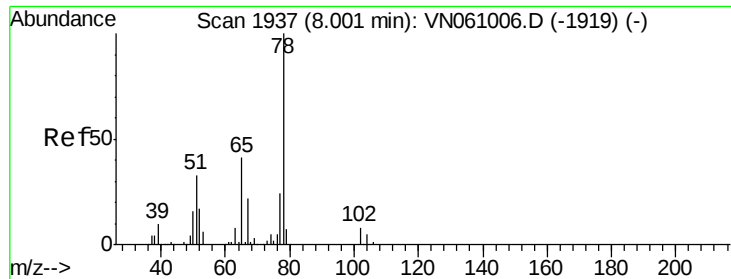
Tot Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
72 22.9 19.6 29.4



#31
Cyclohexane
Concen: 0.929 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061061.D
Acq: 17 Apr 2020 19:10

Tgt Ion: 56 Resp: 3357
Ion Ratio Lower Upper
56 100
69 163.9 25.6 38.4#
84 128.9 63.4 95.2#

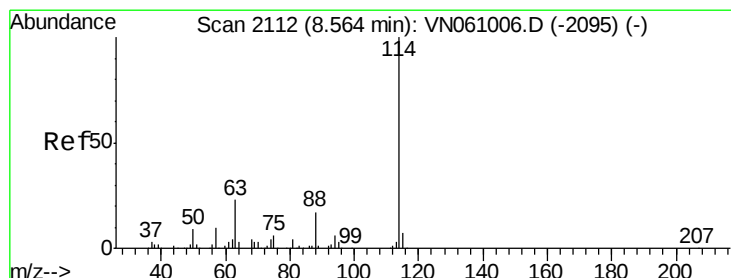
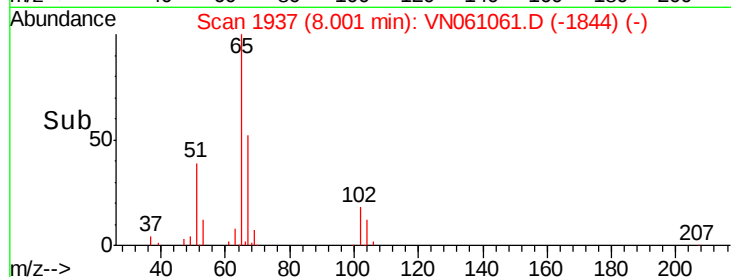
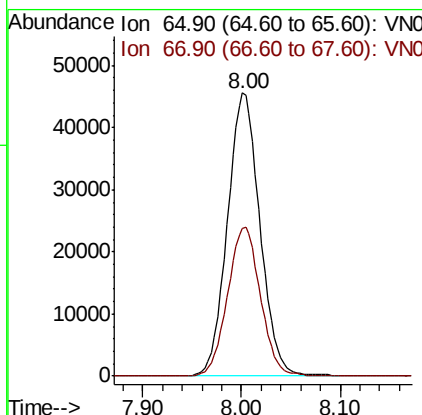
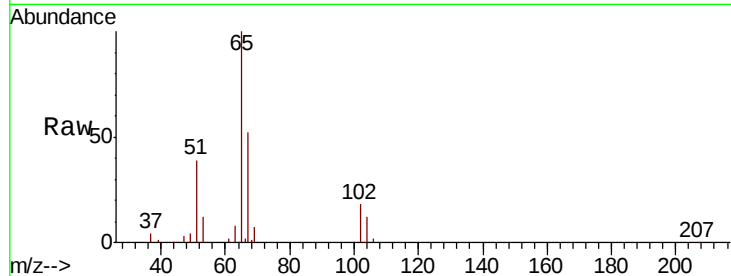




#33
 1,2-Dichloroethane-d4
 Concen: 54.013 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061061.D
 Acq: 17 Apr 2020 19:10

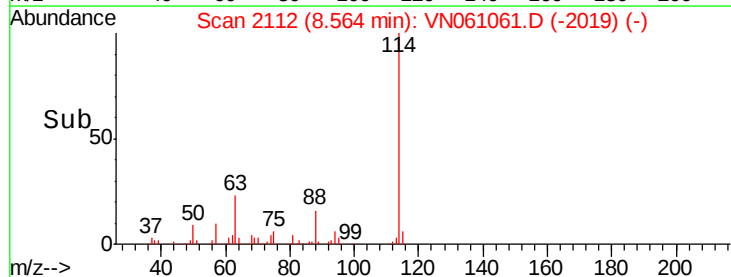
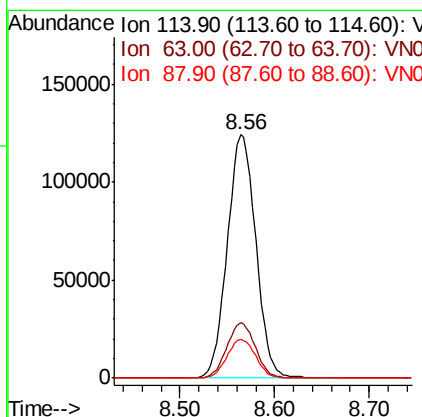
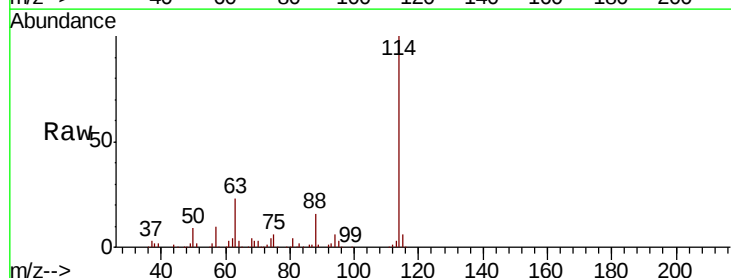
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128280TB

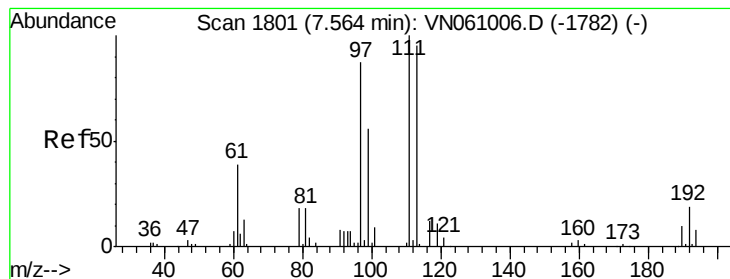
Tot Ion: 65 Resp: 104765
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN061061.D
 Acq: 17 Apr 2020 19:10

Tgt Ion: 114 Resp: 260313
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.851 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

PB128280TB

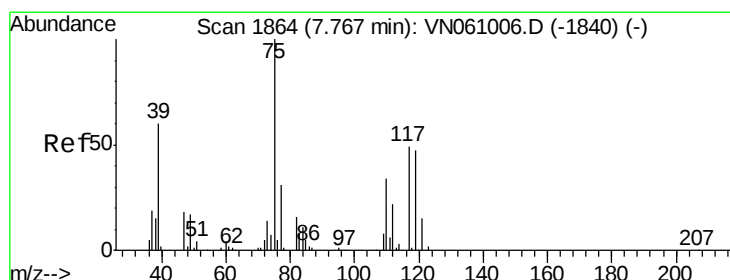
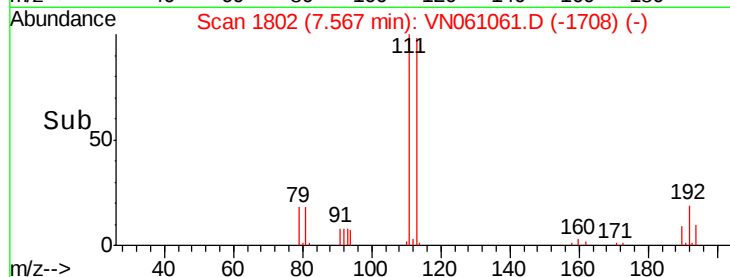
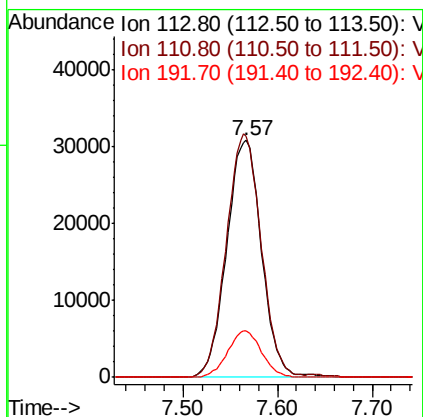
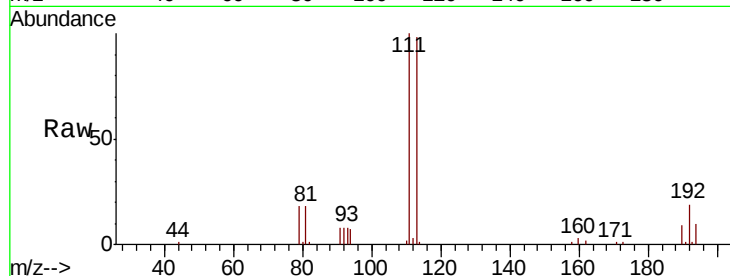
Tot Ion:113 Resp: 78824

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 18.9 15.5 23.3



#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

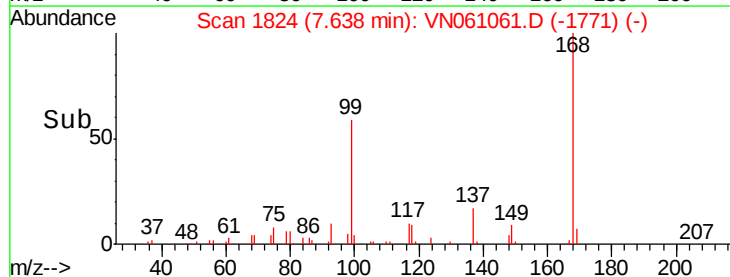
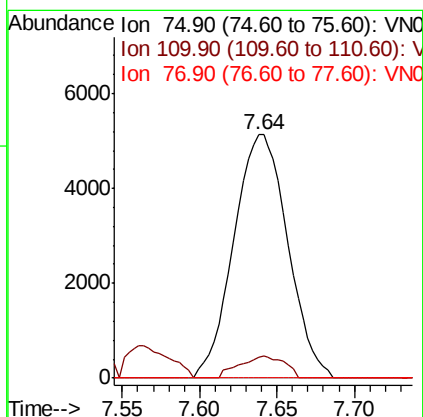
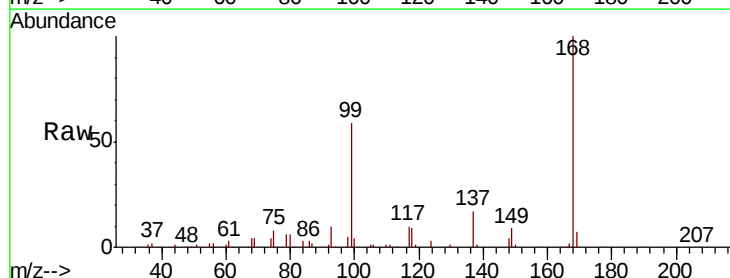
Tgt Ion: 75 Resp: 12430

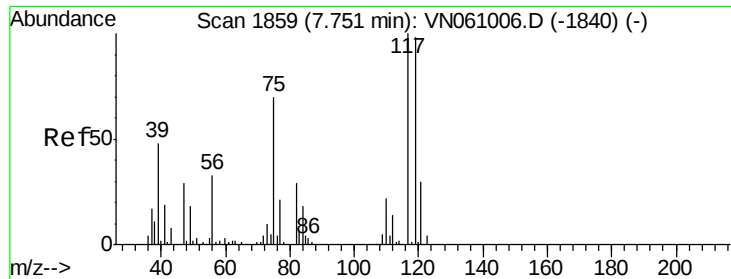
Ion Ratio Lower Upper

75 100

110 7.5 16.8 50.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.676 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

PB128280TB

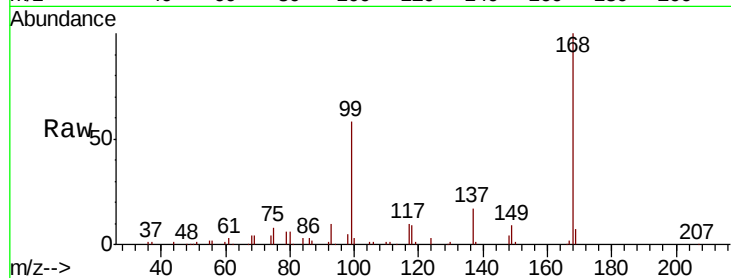
Tot Ion:117 Resp: 14926

Ion Ratio Lower Upper

117 100

119 5.3 78.1 117.1#

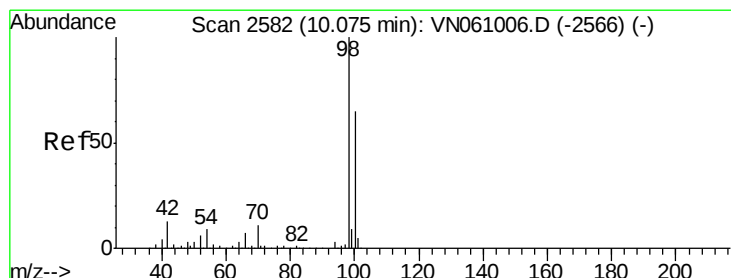
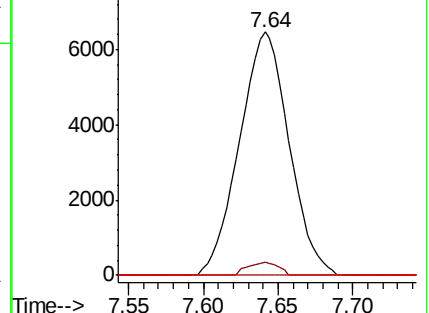
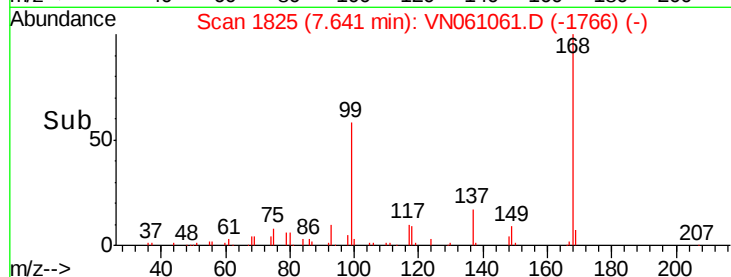
121 0.0 24.0 36.0#



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: 56.154 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN061061.D

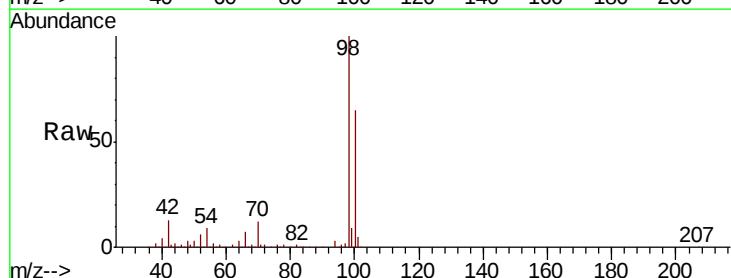
Acq: 17 Apr 2020 19:10

Tgt Ion: 98 Resp: 322576

Ion Ratio Lower Upper

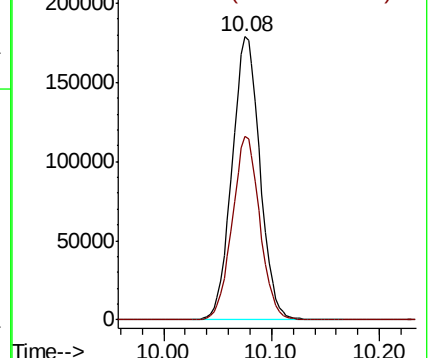
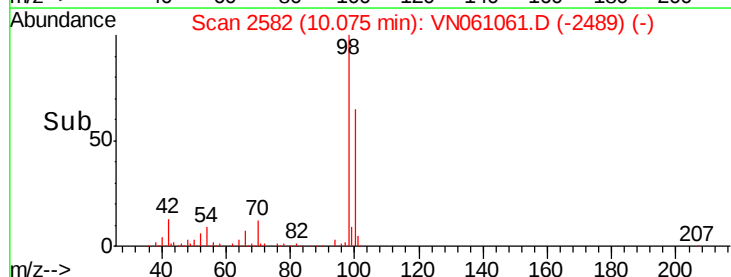
98 100

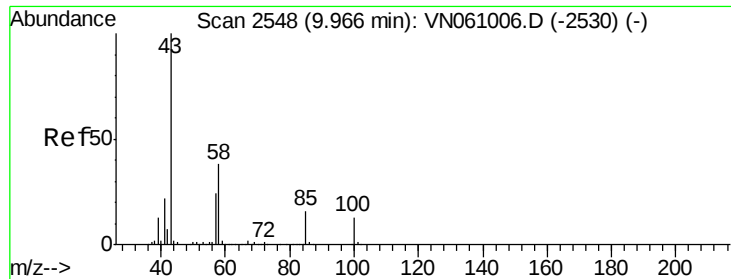
100 64.1 51.9 77.9



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: 0.736 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampleID :

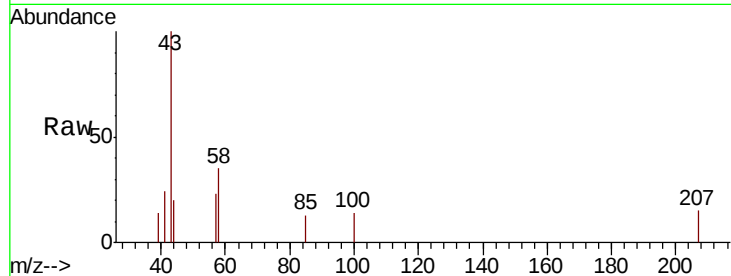
PB128280TB

Tot Ion: 43 Resp: 2014

Ion Ratio Lower Upper

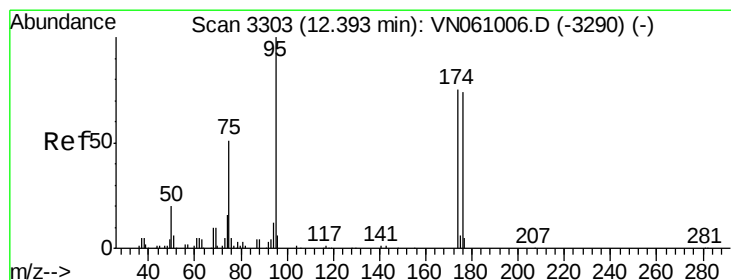
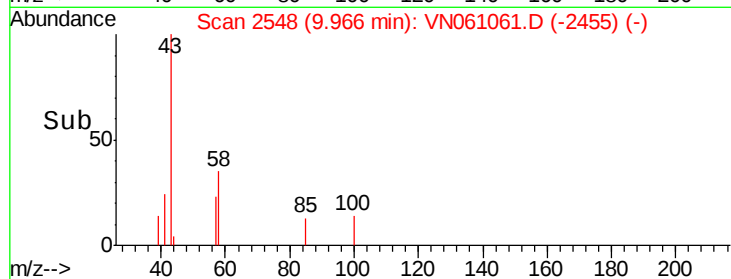
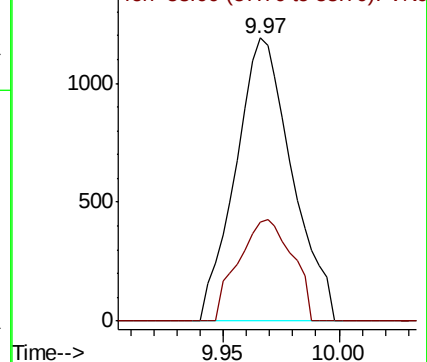
43 100

58 34.3 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 53.523 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

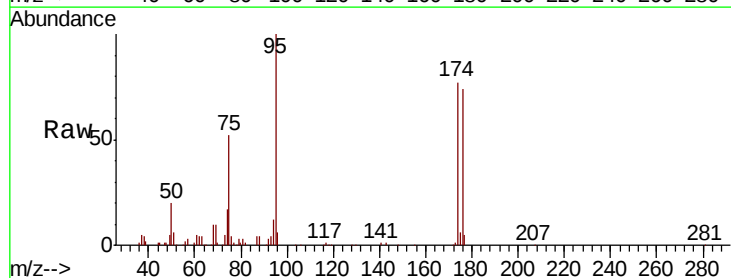
Tgt Ion: 95 Resp: 120505

Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

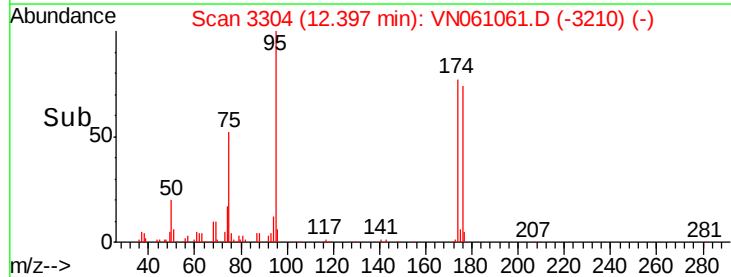
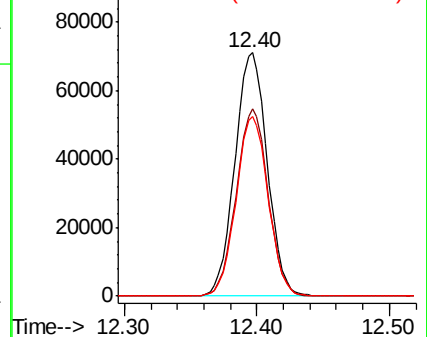
176 72.9 0.0 148.2

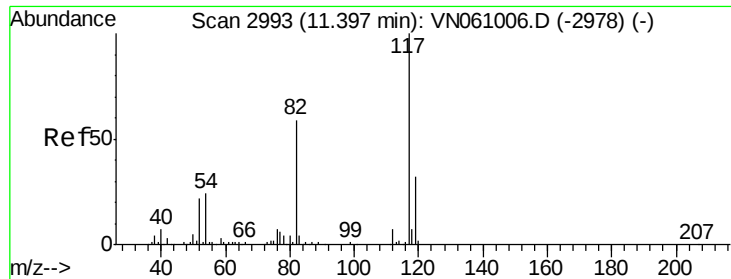


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

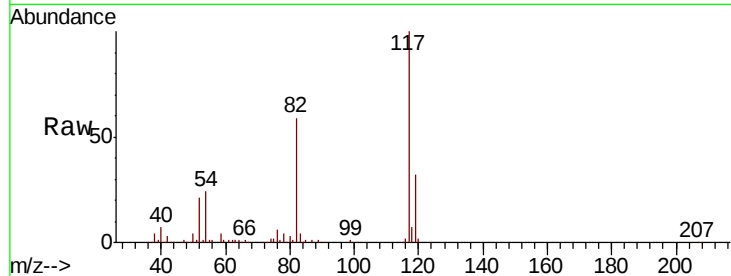




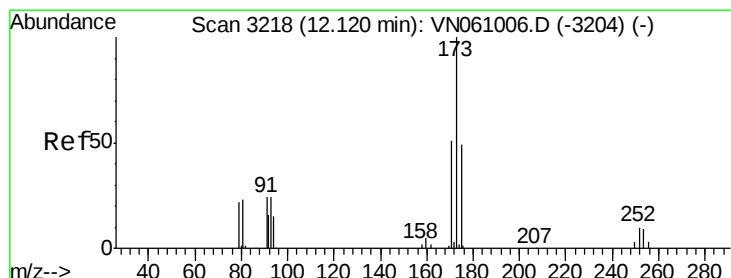
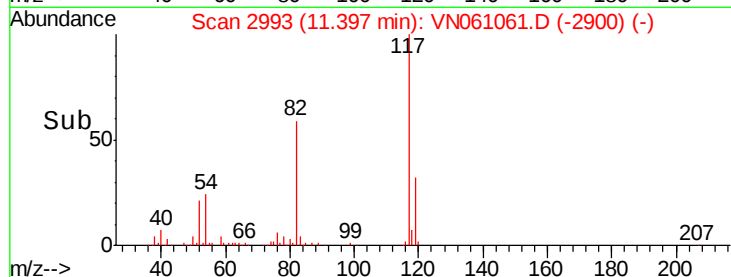
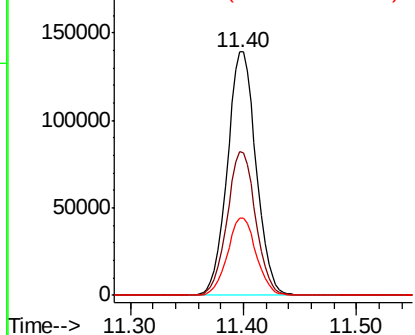
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061061.D
Acq: 17 Apr 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
PB128280TB

Tot Ion:117 Resp: 245389
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 31.8 25.7 38.5

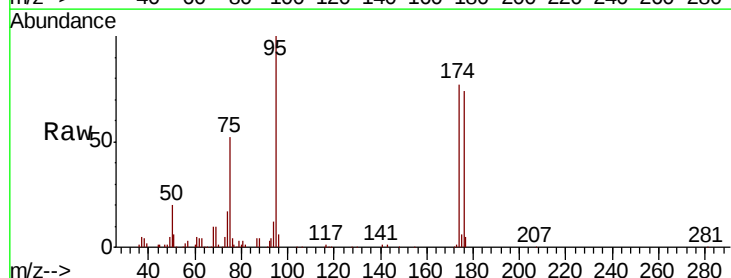


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

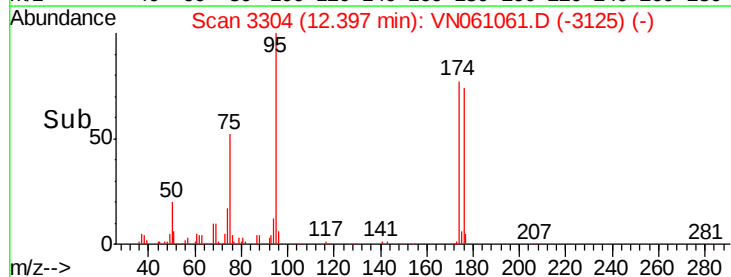
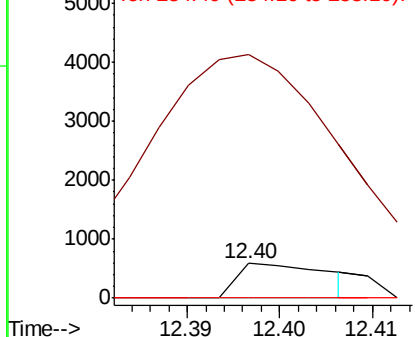


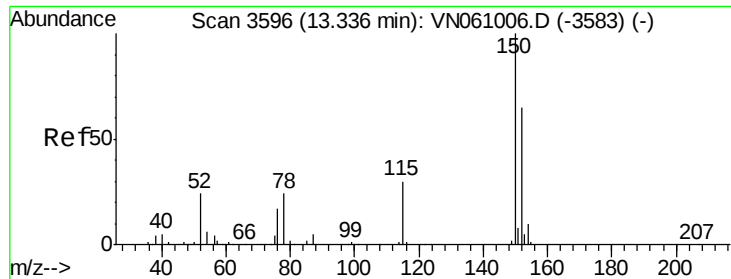
#71
Bromoform
Concen: 0.293 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN061061.D
Acq: 17 Apr 2020 19:10

Tgt Ion:173 Resp: 397
Ion Ratio Lower Upper
173 100
175 1426.4 24.5 73.5#
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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampled :

PB128280TB

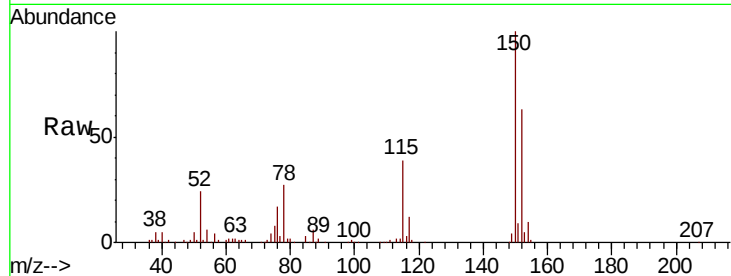
Tot Ion:152 Resp: 107774

Ion Ratio Lower Upper

152 100

115 60.9 30.8 92.4

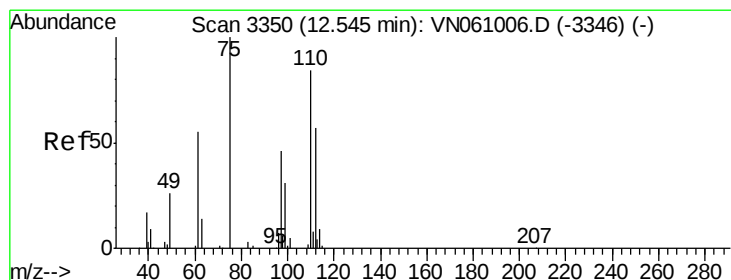
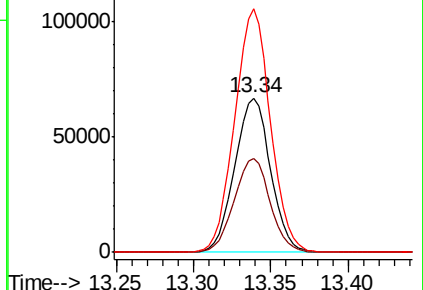
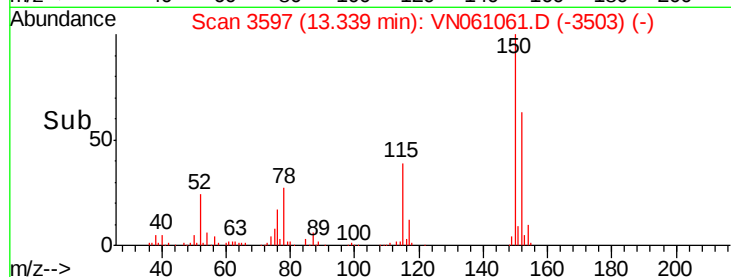
150 157.2 0.0 349.0



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: 25.899 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061061.D

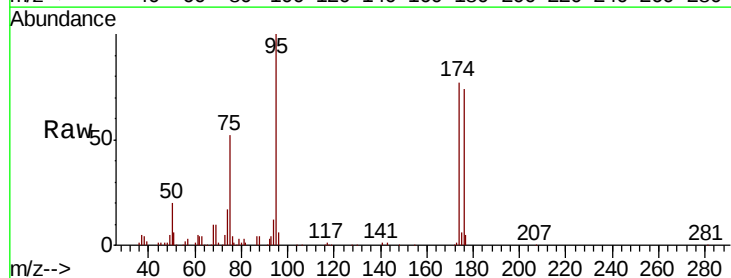
Acq: 17 Apr 2020 19:10

Tgt Ion: 75 Resp: 61396

Ion Ratio Lower Upper

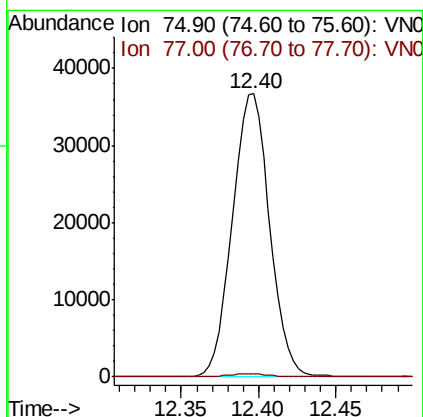
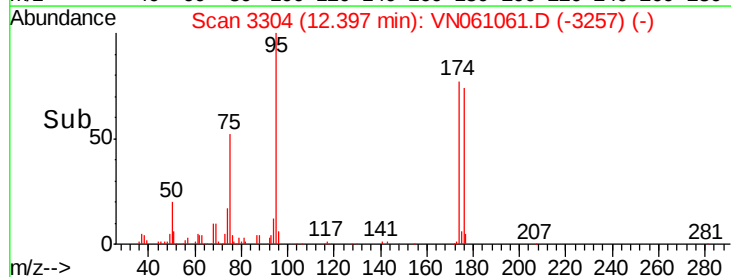
75 100

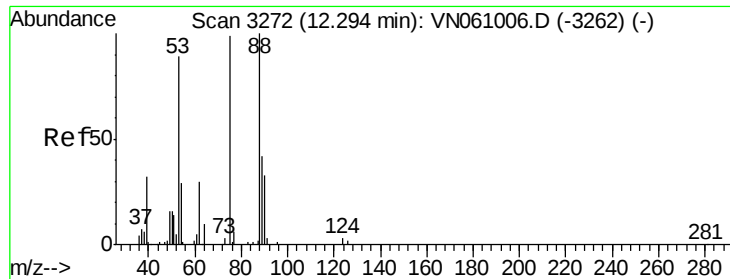
77 1.1 0.0 0.0#



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: 63.882 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN061061.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_N

ClientSampleId :

PB128280TB

Tot Ion: 75 Resp: 61396

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

