

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061866.D
 Acq On : 17 Jun 2020 23:04
 Operator : JC/MD
 Sample : VN0617WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL02

Quant Time: Jun 18 03:58:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90980	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	89361	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
35) Dibromofluoromethane	7.55	113	78289	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	10.06	98	305624	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	99880	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

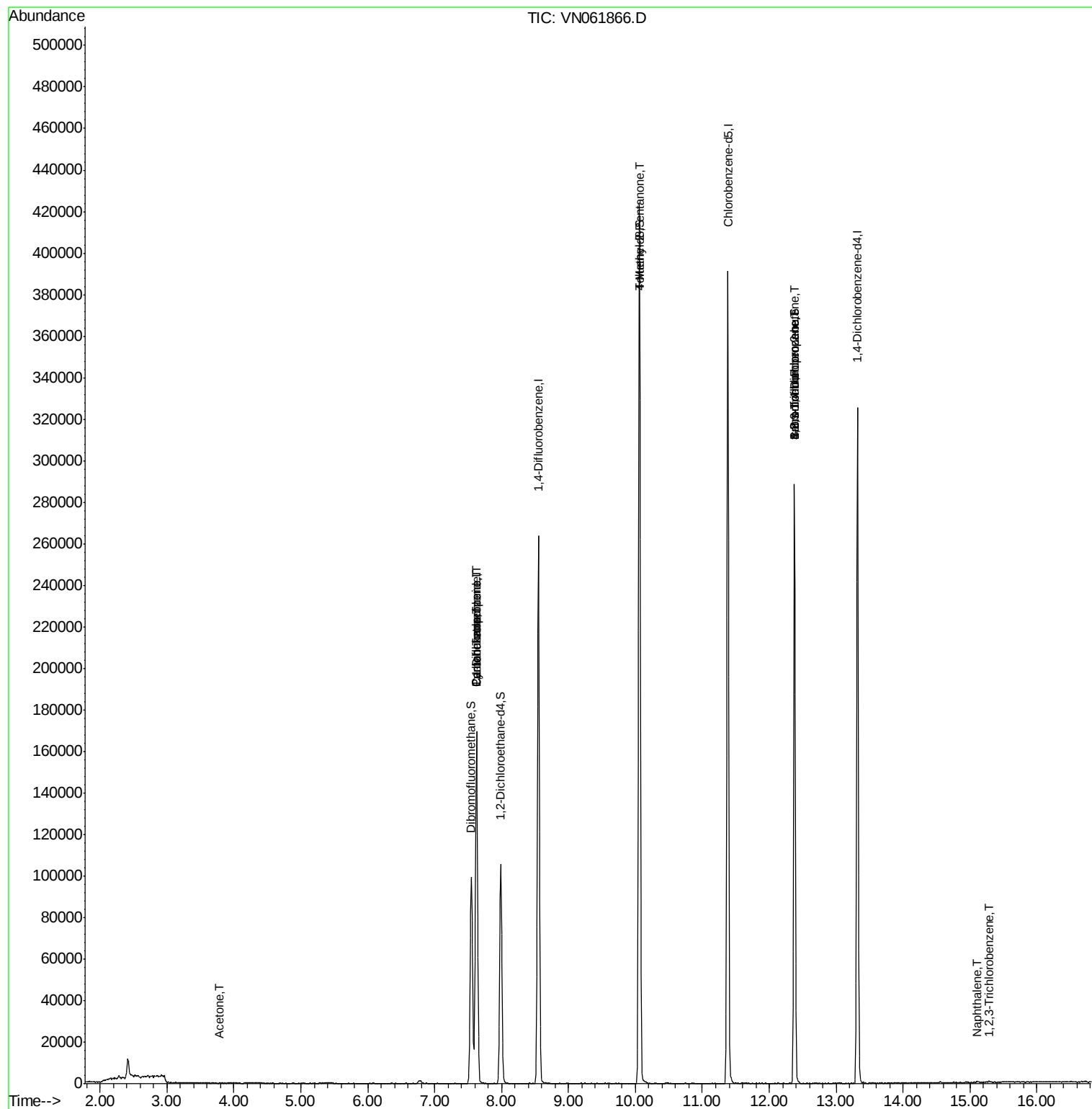
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	267	0.497	ug/l #	40
31) Cyclohexane	7.62	56	2820	1.177	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	10342	4.572	ug/l #	47
38) Carbon Tetrachloride	7.63	117	13249	5.914	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1037	0.589	ug/l #	1
71) Bromoform	12.37	173	993	0.785	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49315	27.609	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49315	75.303	ug/l #	14
95) Naphthalene	15.11	128	889	3.666	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	326	0.244	ug/l #	33

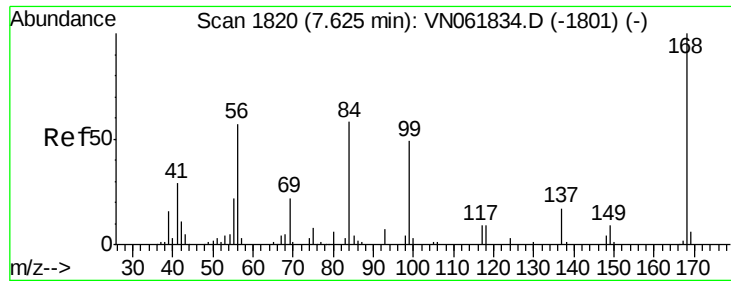
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061866.D
Acq On : 17 Jun 2020 23:04
Operator : JC/MD
Sample : VN0617WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL02

Quant Time: Jun 18 03:58:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

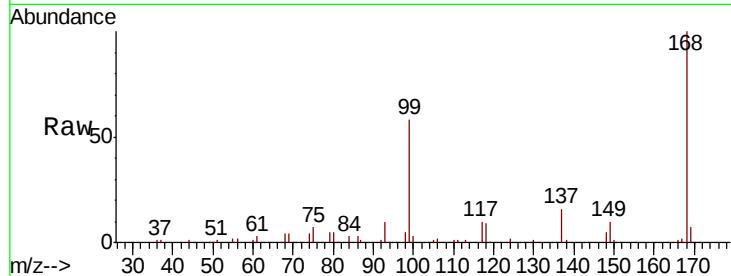
VN0617WBL02

Tot Ion:168 Resp: 135579

Ion Ratio Lower Upper

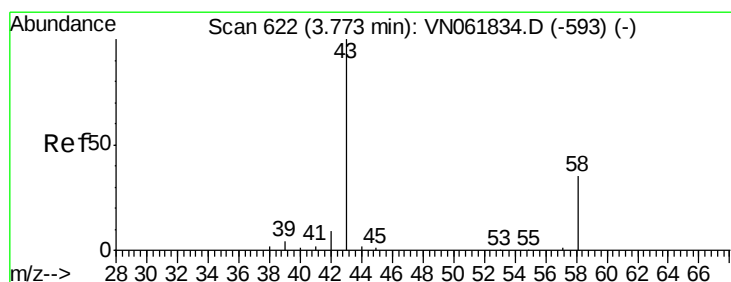
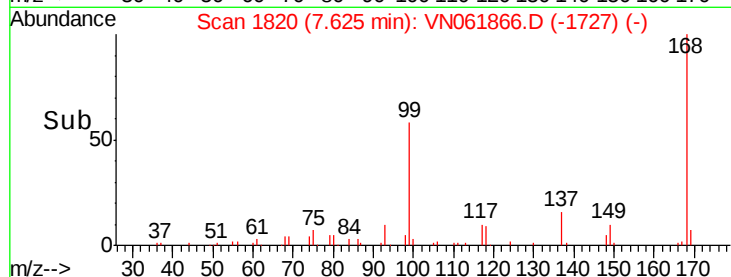
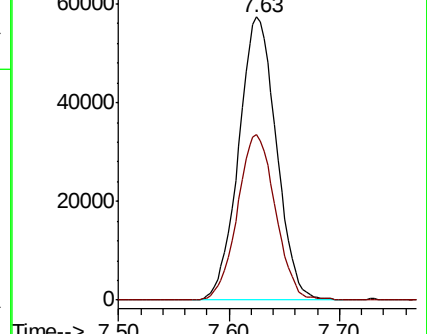
168 100

99 58.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.497 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN061866.D

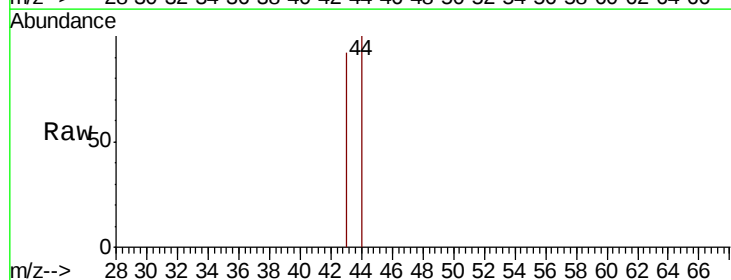
Acq: 17 Jun 2020 23:04

Tgt Ion: 43 Resp: 267

Ion Ratio Lower Upper

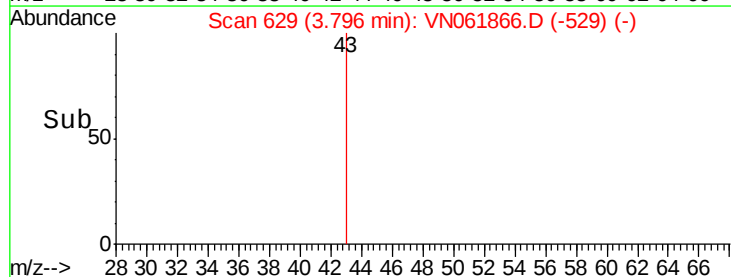
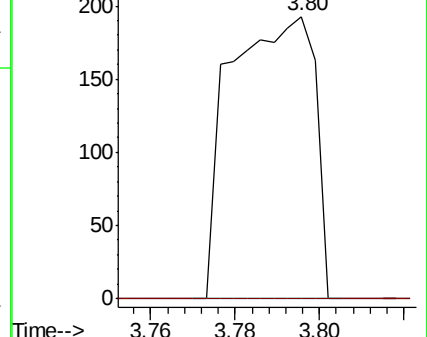
43 100

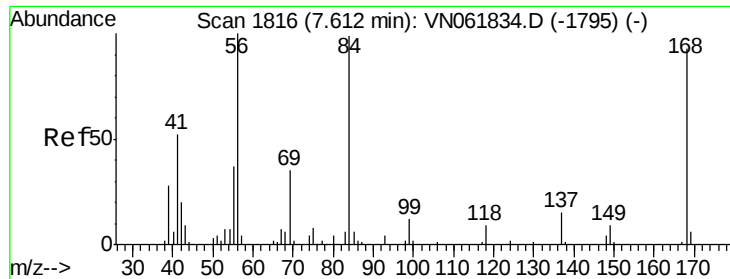
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

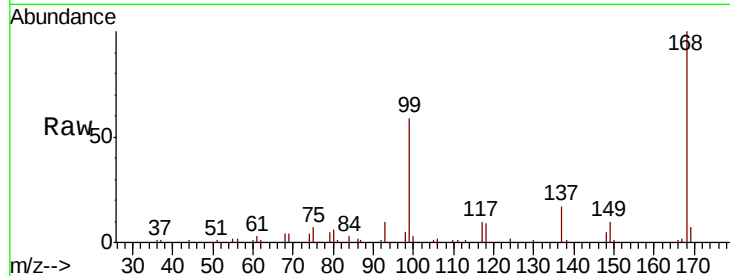




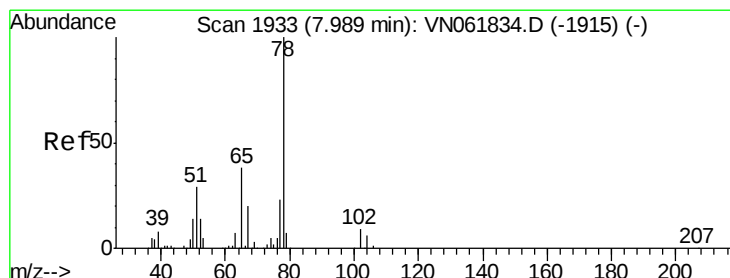
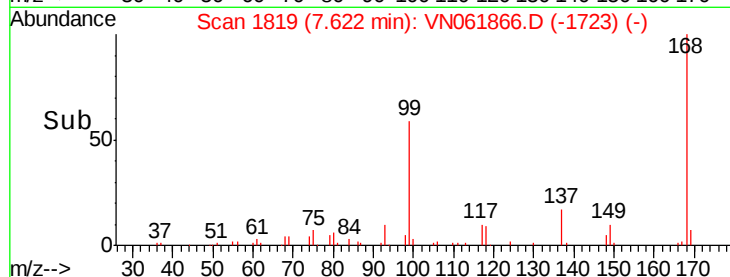
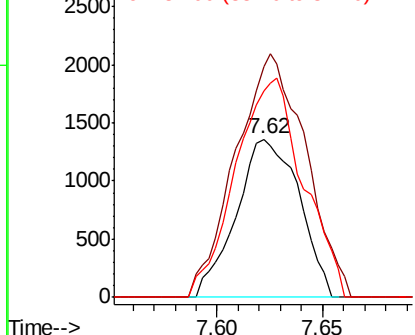
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061866.D
Acq: 17 Jun 2020 23:04

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL02

Tot Ion: 56 Resp: 2820
Ion Ratio Lower Upper
56 100
69 146.2 27.7 41.5#
84 130.6 79.1 118.7#

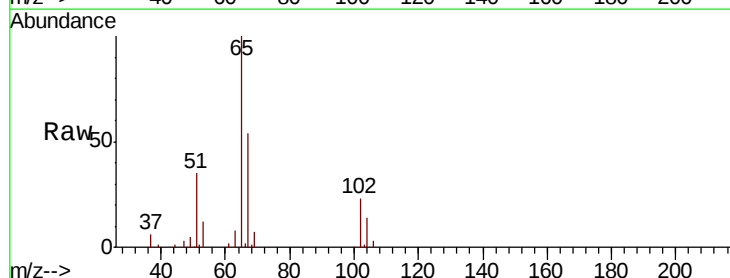


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

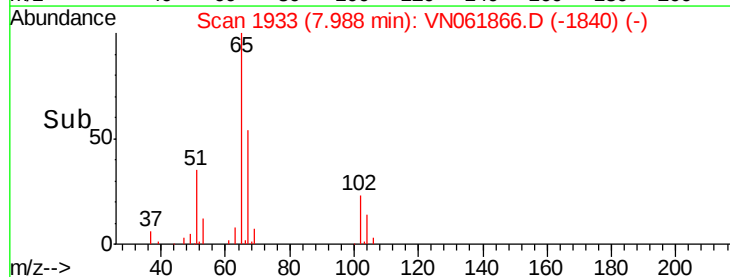
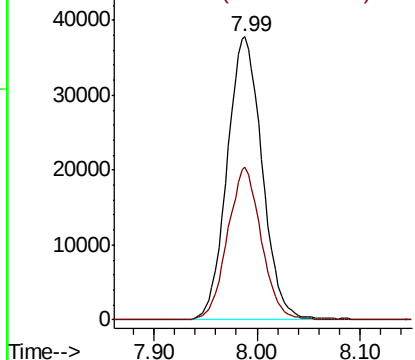


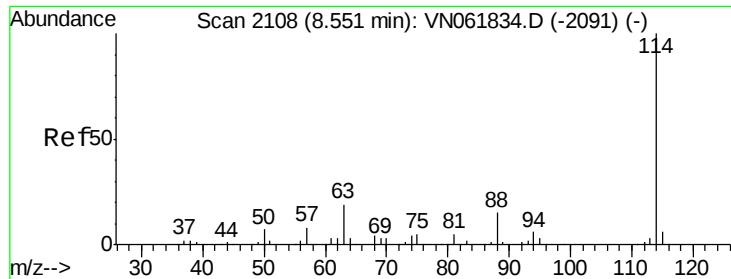
#33
1,2-Dichloroethane-d4
Concen: 49.145 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061866.D
Acq: 17 Jun 2020 23:04

Tgt Ion: 65 Resp: 89361
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

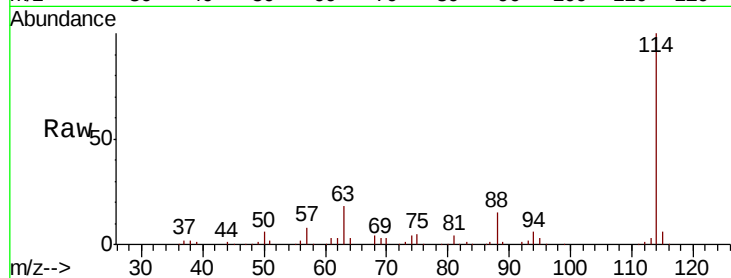




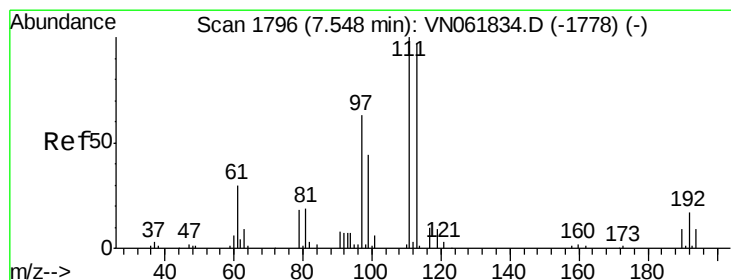
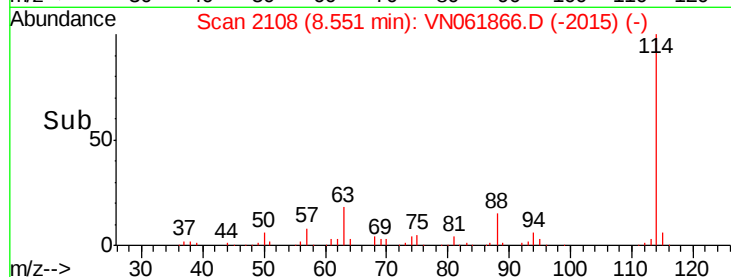
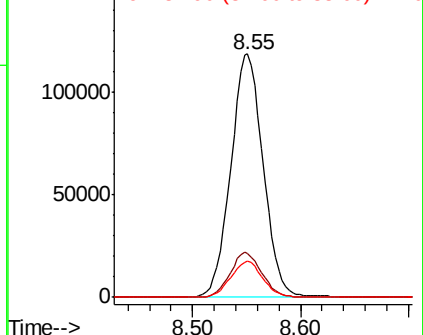
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061866.D
 Acq: 17 Jun 2020 23:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL02

Tot Ion:114 Resp: 248023
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.6
 88 14.8 0.0 31.0

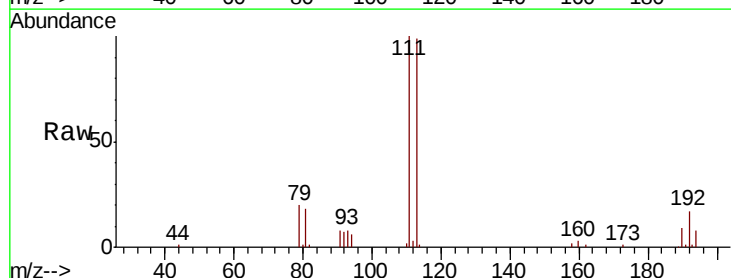


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

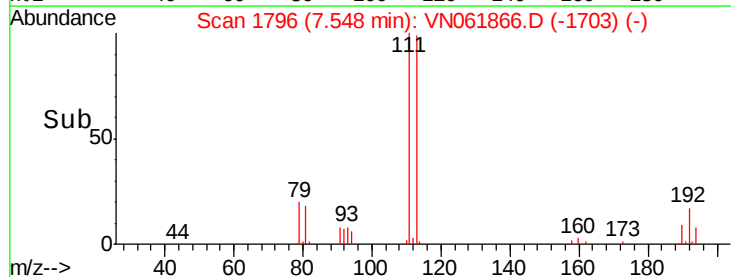
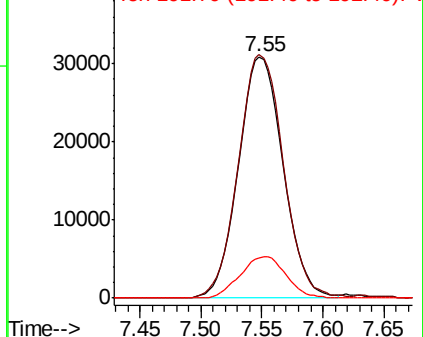


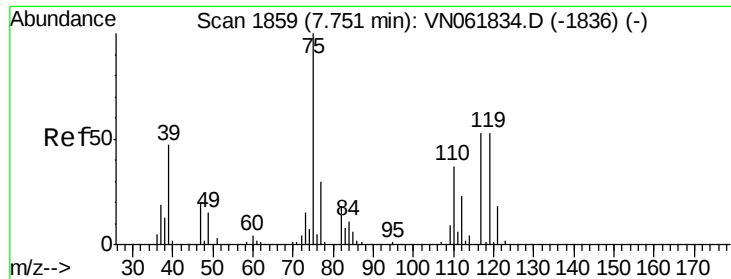
#35
 Dibromofluoromethane
 Concen: 49.340 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061866.D
 Acq: 17 Jun 2020 23:04

Tgt Ion:113 Resp: 78289
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.7 125.5
 192 17.6 13.9 20.9



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

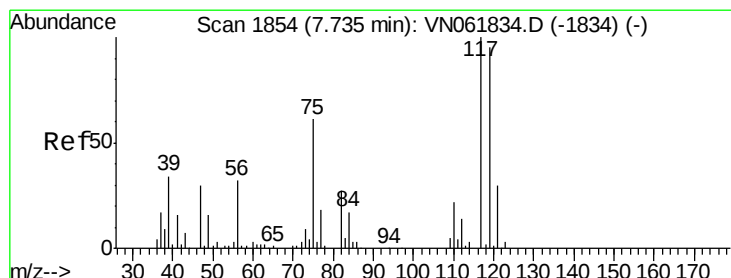
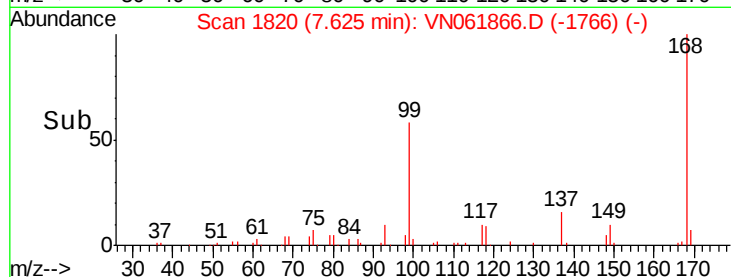
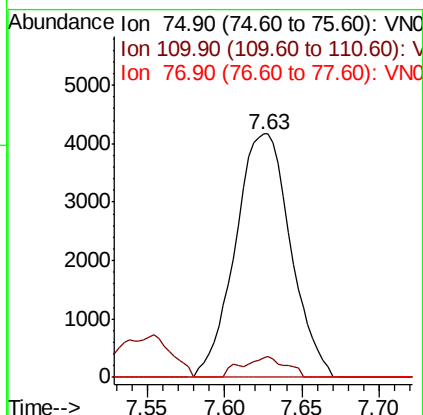
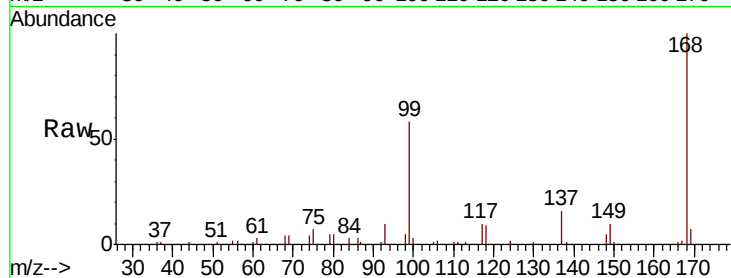




#36
 1,1-Dichloropropene
 Concen: 4.572 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061866.D
 Acq: 17 Jun 2020 23:04

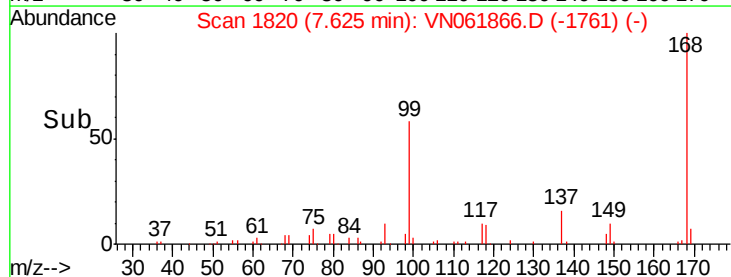
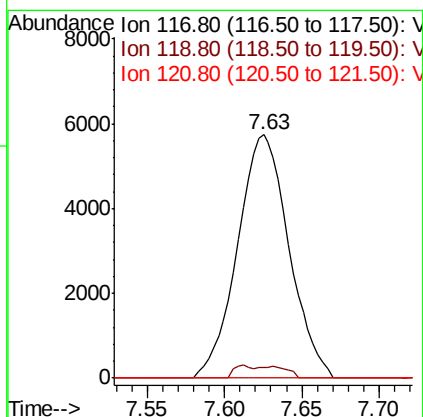
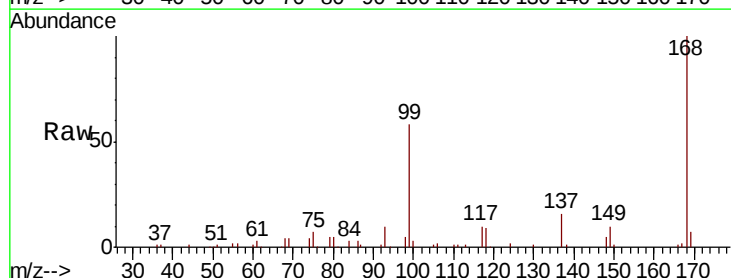
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL02

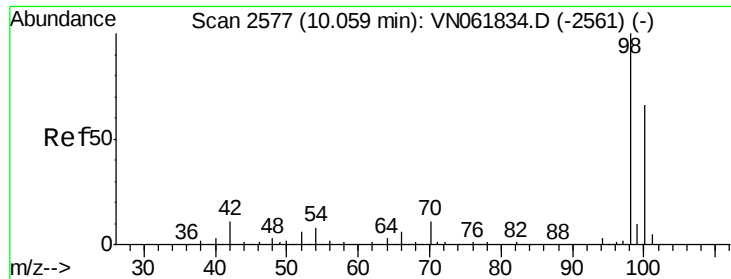
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.2	54.6#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.914 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061866.D
 Acq: 17 Jun 2020 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.6#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 48.994 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

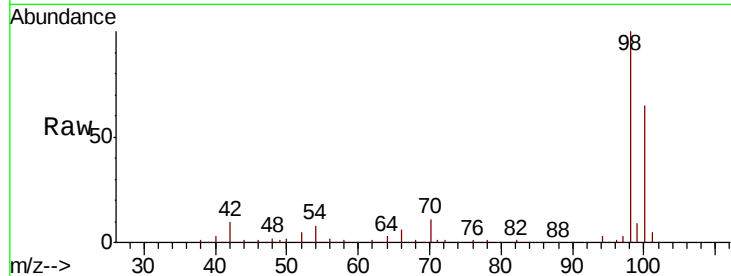
VN0617WBL02

Tot Ion: 98 Resp: 305624

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

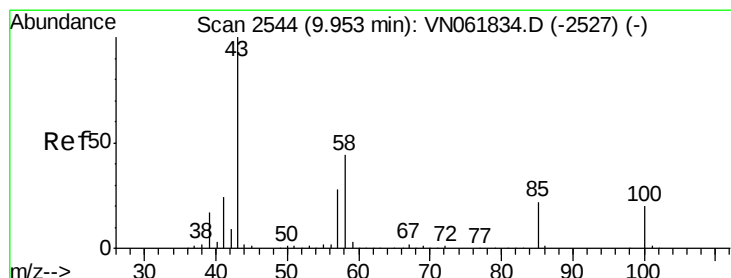
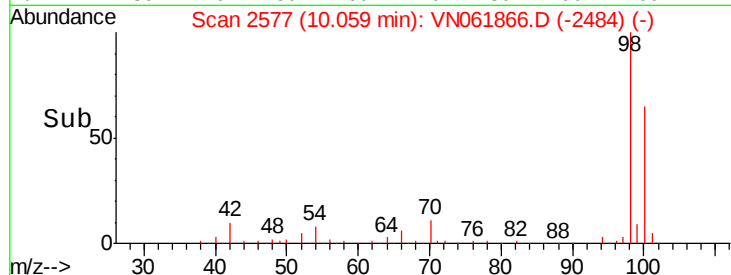
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.589 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061866.D

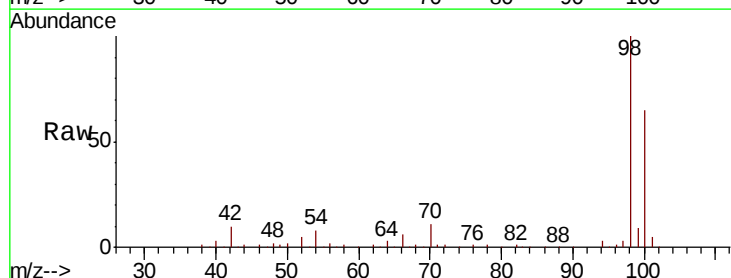
Acq: 17 Jun 2020 23:04

Tgt Ion: 43 Resp: 1037

Ion Ratio Lower Upper

43 100

58 205.7 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

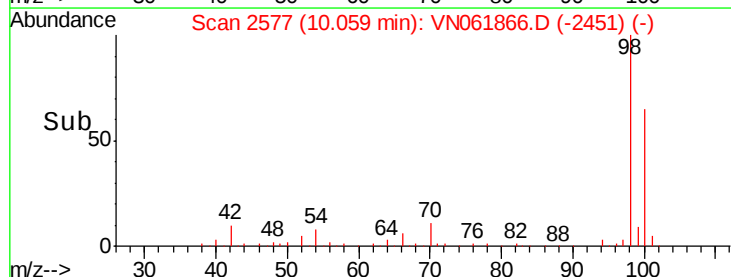
Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

1000

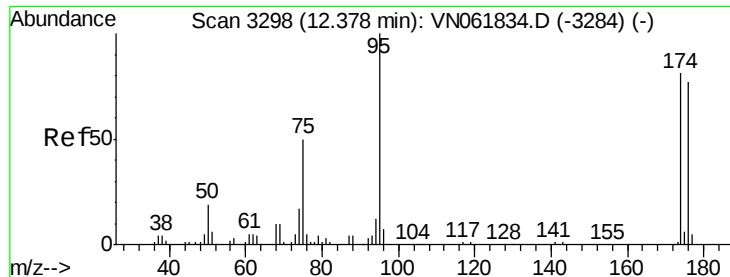
500

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 46.678 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL02

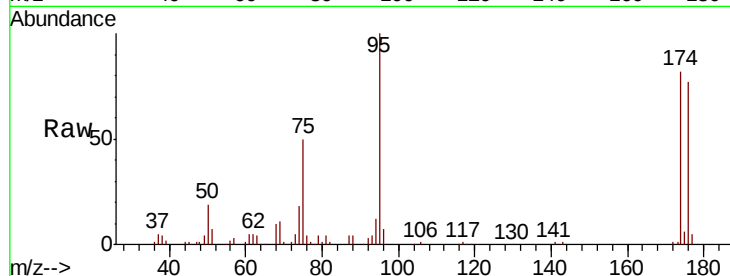
Tot Ion: 95 Resp: 99880

Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

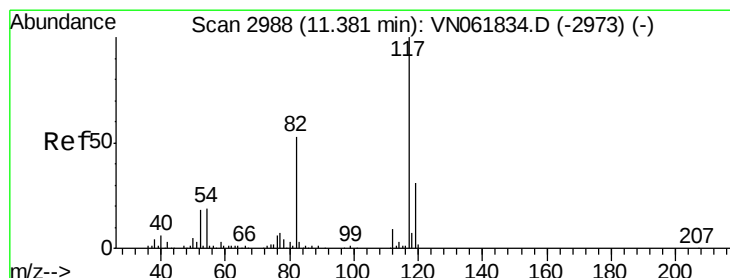
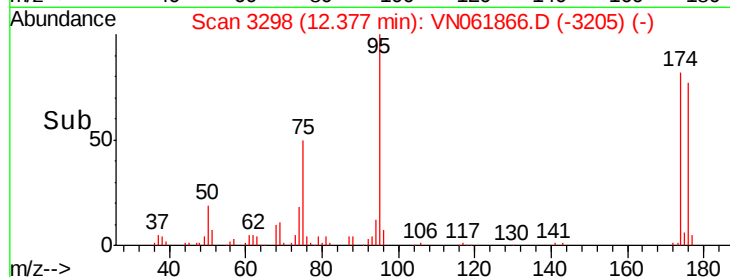
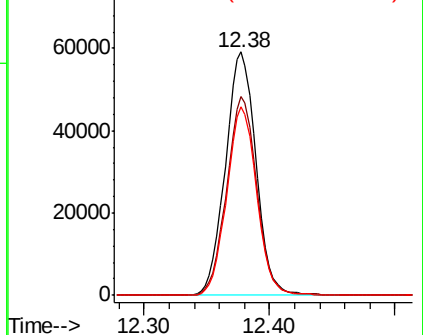
176 76.0 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

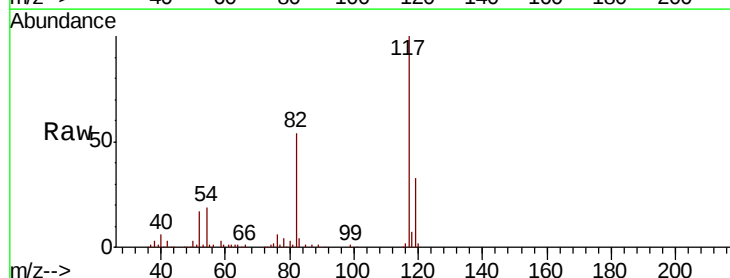
Tgt Ion: 117 Resp: 235636

Ion Ratio Lower Upper

117 100

82 54.2 42.6 64.0

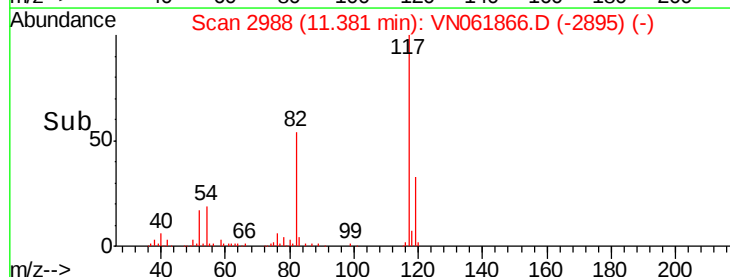
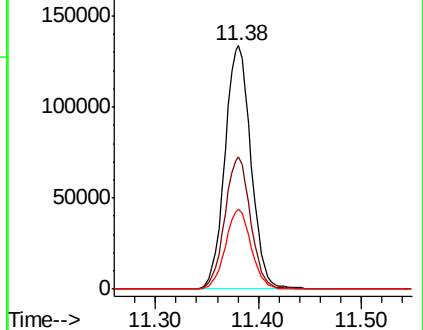
119 32.6 24.7 37.1

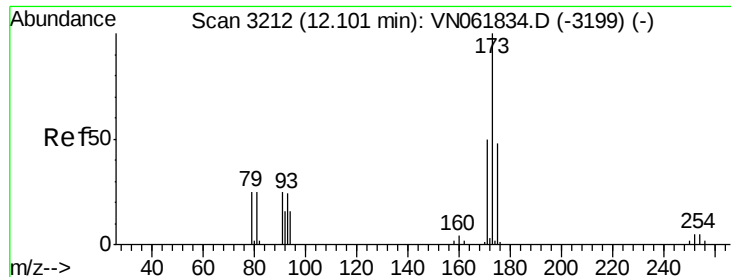


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#71

Bromoform

Concen: 0.785 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL02

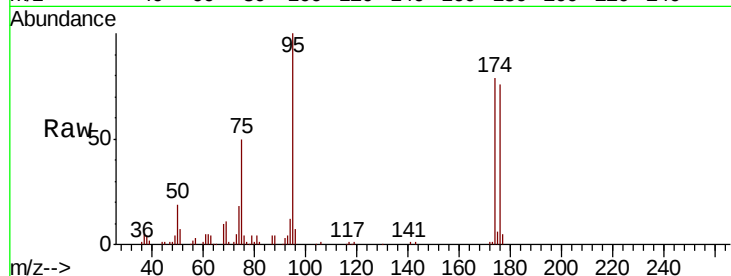
Tot Ion:173 Resp: 993

Ion Ratio Lower Upper

173 100

175 526.2 23.9 71.7#

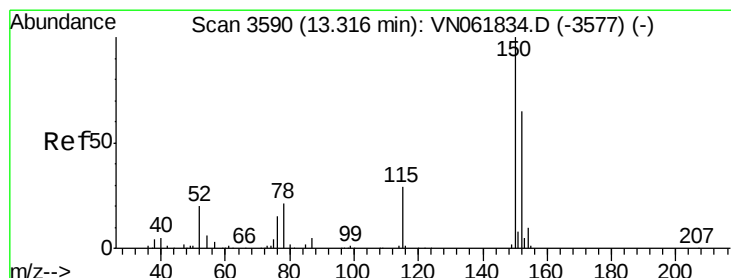
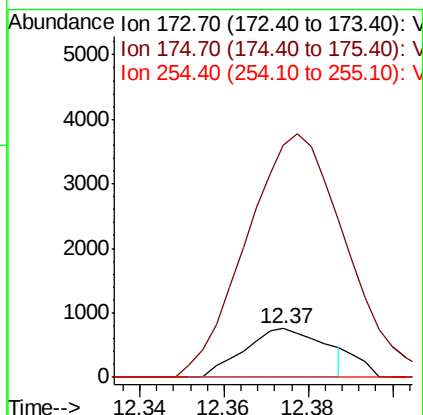
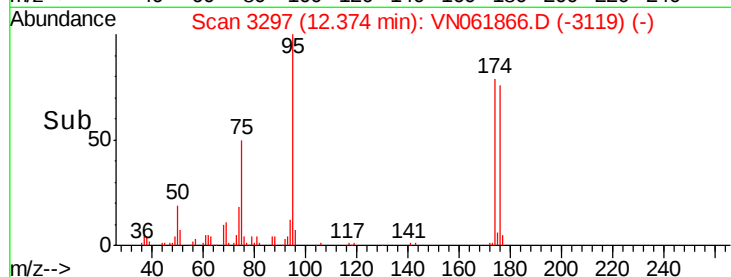
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

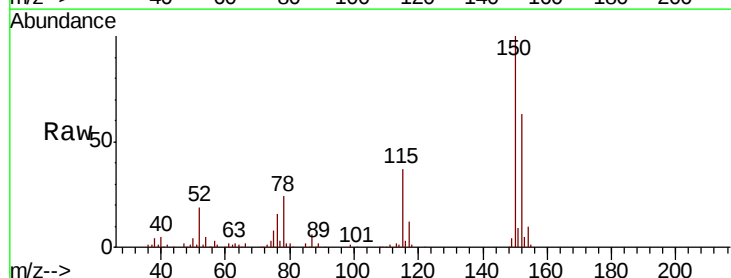
Tgt Ion:152 Resp: 90980

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

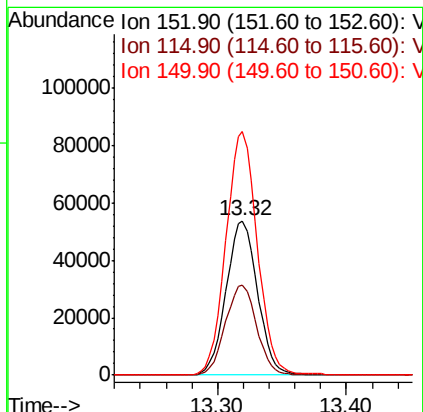
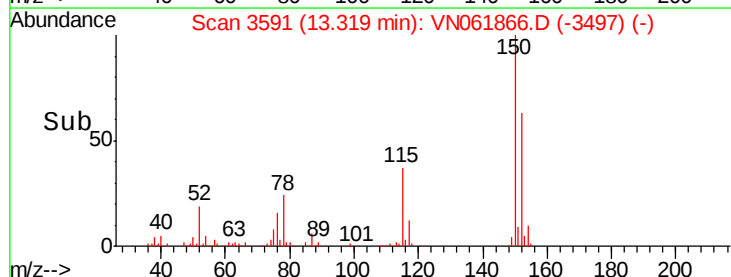
150 157.5 0.0 347.6

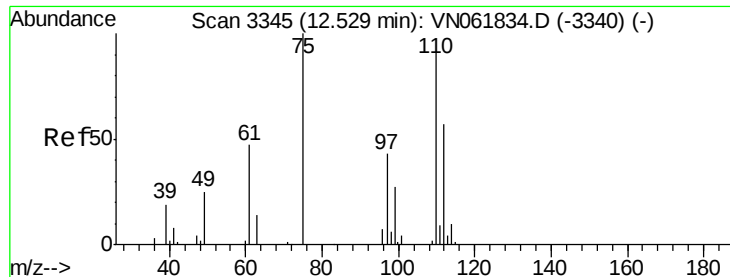


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.609 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

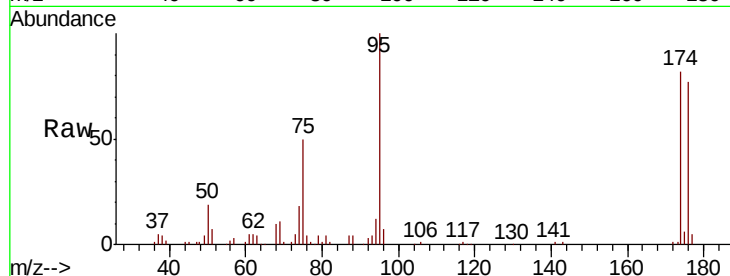
VN0617WBL02

Tot Ion: 75 Resp: 49315

Ion Ratio Lower Upper

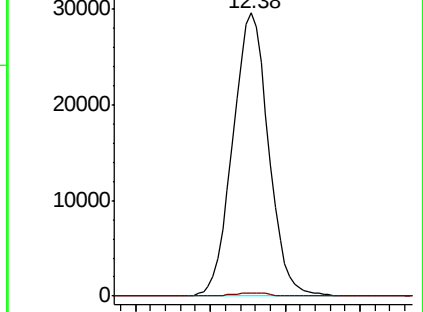
75 100

77 1.1 0.0 0.0#

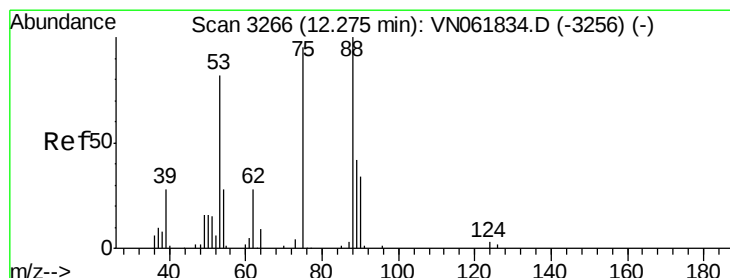
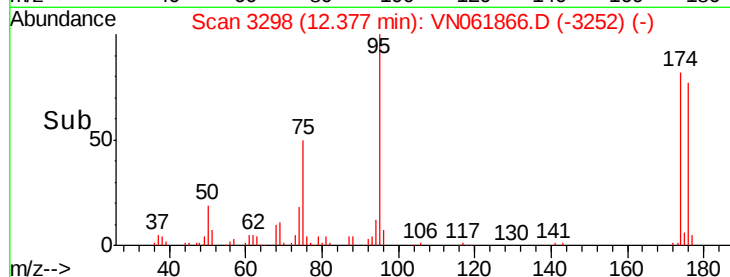


Abundance Ion 74.90 (74.60 to 75.60): VN061866.D (-3298) (-)

Ion 77.00 (76.70 to 77.70): VN061866.D (-3298) (-)



Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 75.303 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

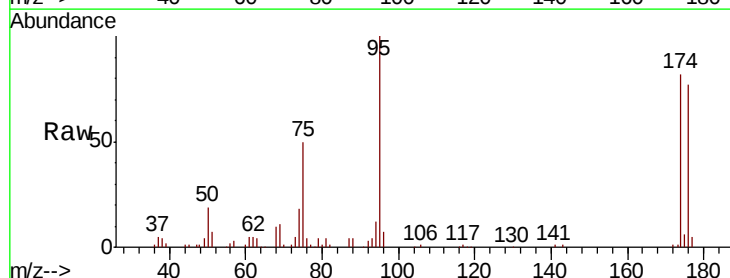
Tgt Ion: 75 Resp: 49315

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

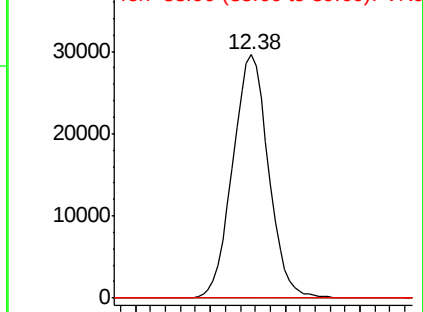
89 0.0 36.0 54.0#



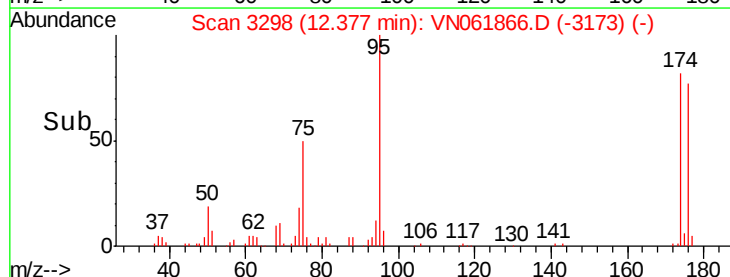
Abundance Ion 74.90 (74.60 to 75.60): VN061866.D (-3298) (-)

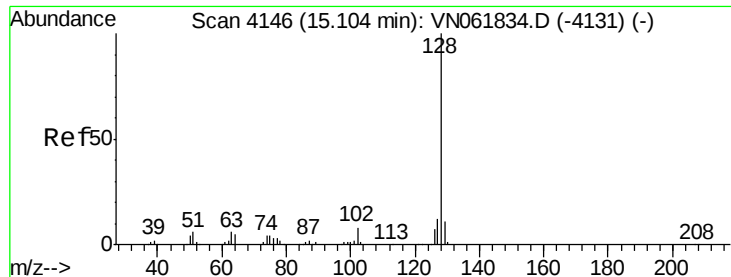
Ion 53.00 (52.70 to 53.70): VN061866.D (-3298) (-)

Ion 88.90 (88.60 to 89.60): VN061866.D (-3298) (-)



Time--> 12.30 12.35 12.40 12.45





#95

Naphthalene

Concen: 3.666 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL02

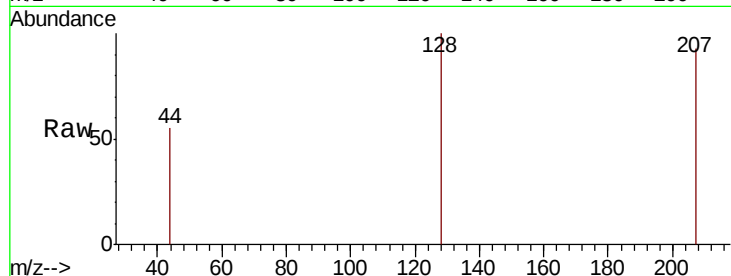
Tot Ion:128 Resp: 889

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

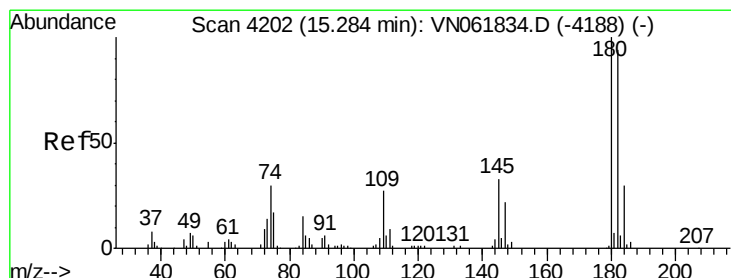
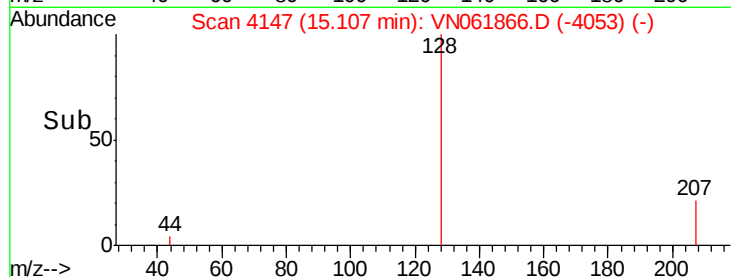
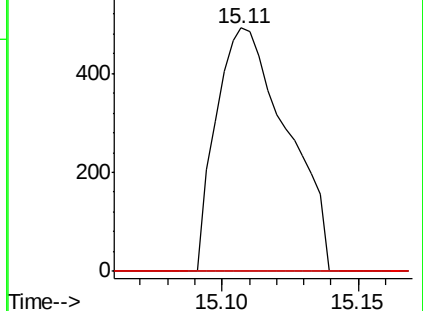
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.244 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN061866.D

Acq: 17 Jun 2020 23:04

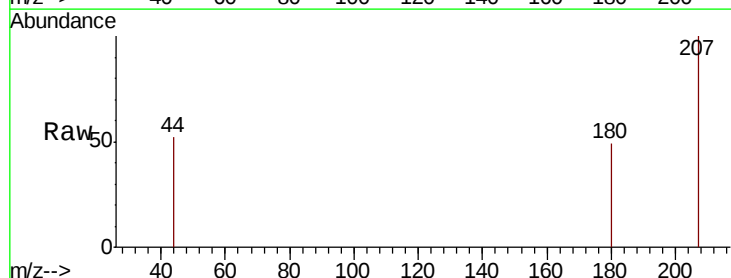
Tgt Ion:180 Resp: 326

Ion Ratio Lower Upper

180 100

182 27.9 47.9 143.6#

145 0.0 16.5 49.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

