

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
 Data File : VN061991.D
 Acq On : 22 Jun 2020 11:43
 Operator : JC/MD
 Sample : VN0622MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBL01

Quant Time: Jun 22 14:59:29 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	7.62	168	143554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	259842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	242450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86505	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	96960	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.54	113	84806	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	10.06	98	323644	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.37	95	99582	44.42	ug/l	0.00
Spiked Amount			Recovery	=	88.84%	

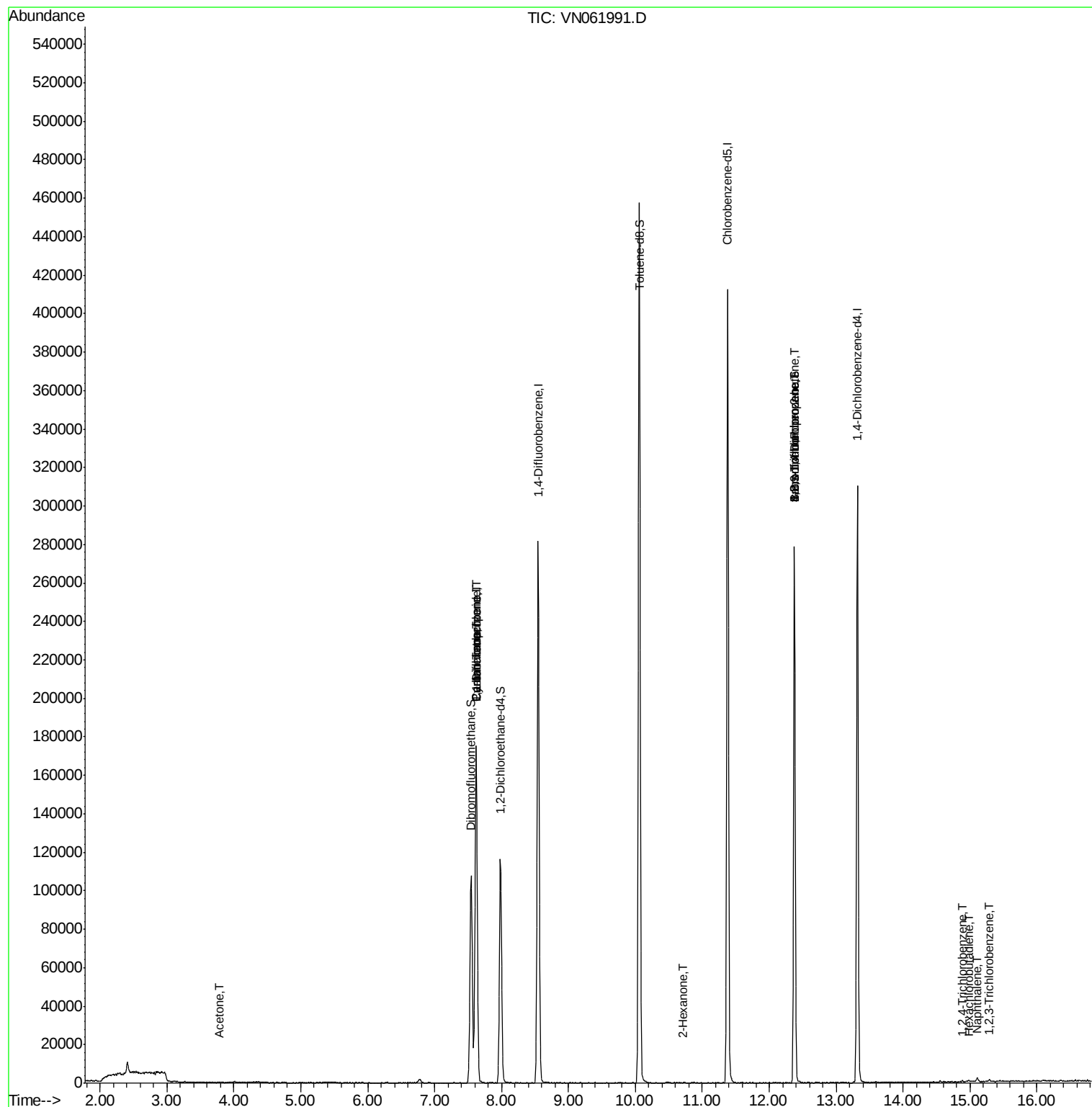
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	520	0.914	ug/l #	40
31) Cyclohexane	7.62	56	3168	1.249	ug/l #	12
36) 1,1-Dichloropropene	7.62	75	11366	4.796	ug/l #	47
38) Carbon Tetrachloride	7.62	117	13927	5.934	ug/l #	16
59) 2-Hexanone	10.72	43	210	13.542	ug/l #	20
71) Bromoform	12.38	173	944	0.726	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	50064	29.479	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	50064	80.401	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.89	180	424	0.330	ug/l #	87
94) Hexachlorobutadiene	14.99	225	313	0.618	ug/l #	59
95) Naphthalene	15.11	128	2959	4.123	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.29	180	582	0.457	ug/l	82

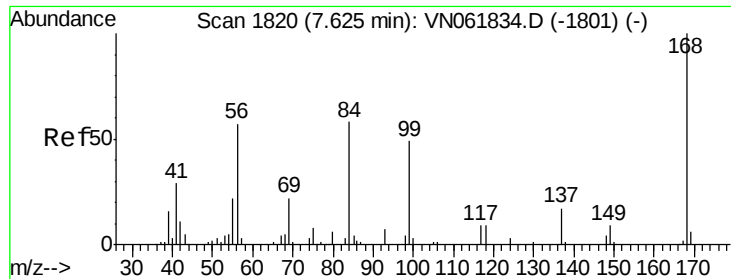
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

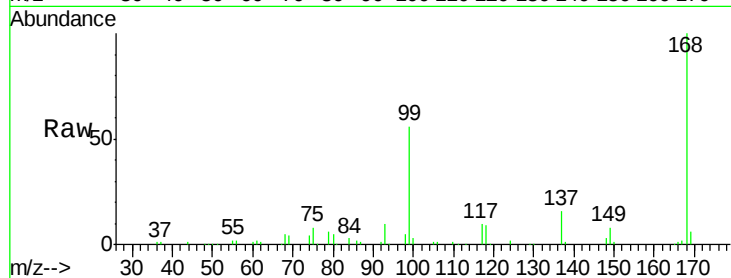
VN0622MBL01

Tgt Ion:168 Resp: 143554

Ion Ratio Lower Upper

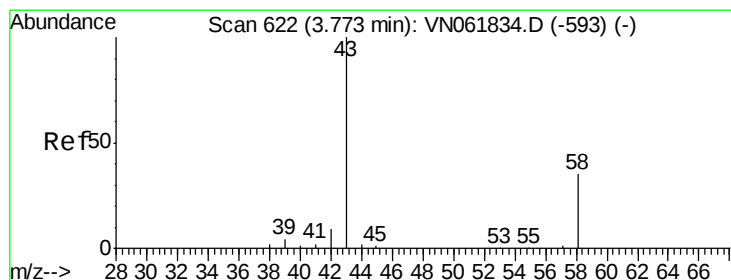
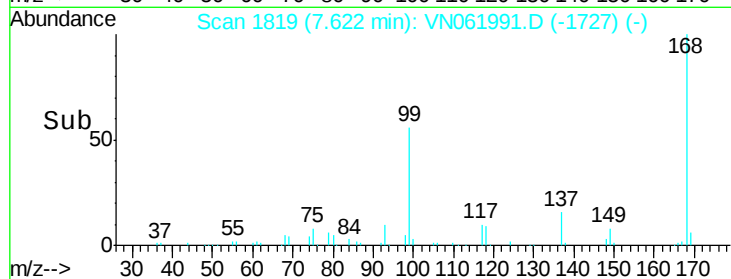
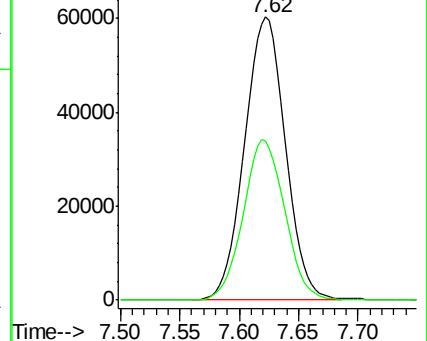
168 100

99 56.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.914 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN061991.D

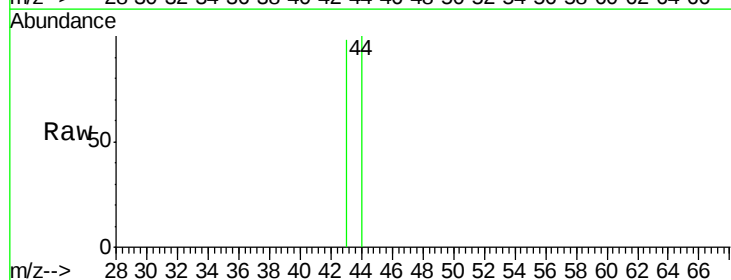
Acq: 22 Jun 2020 11:43

Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

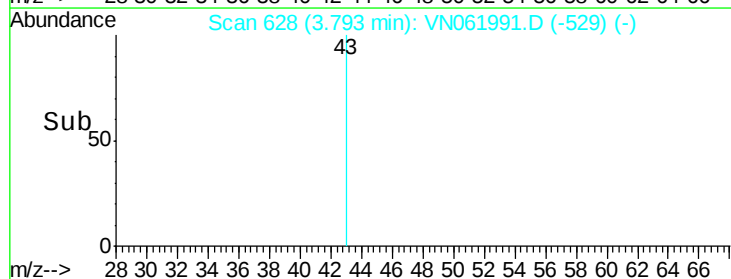
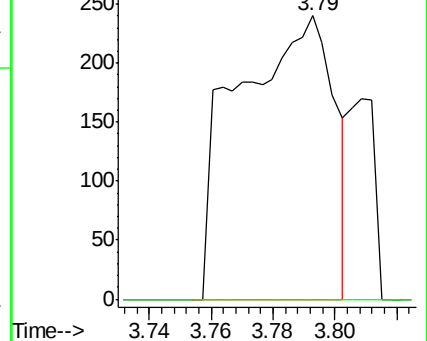
43 100

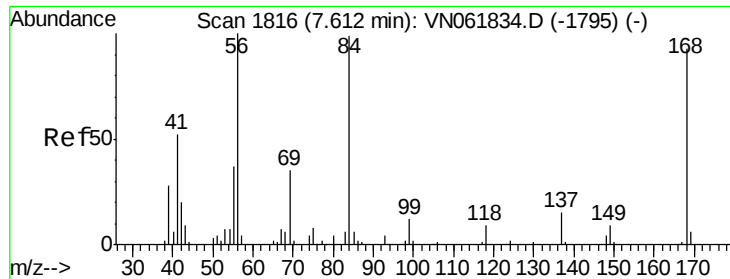
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

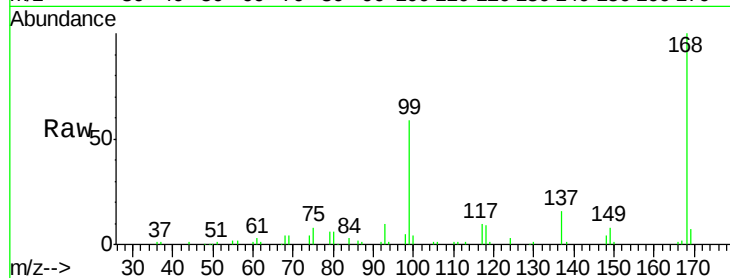




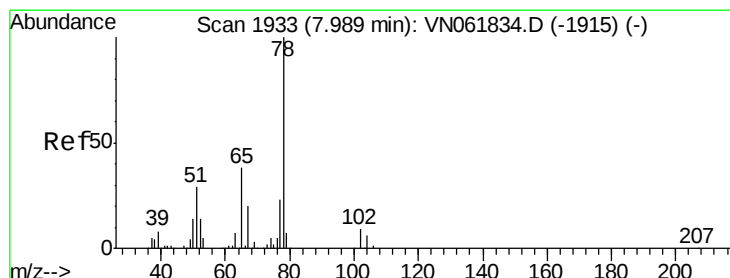
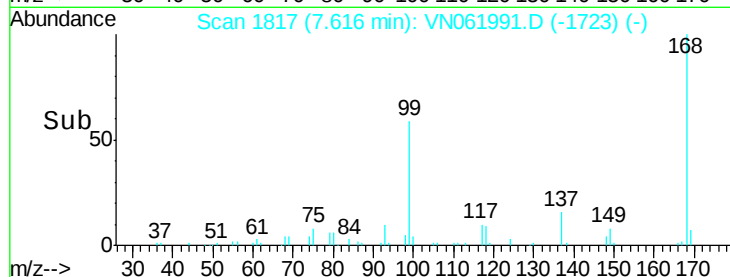
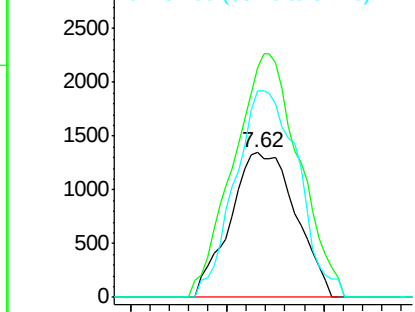
#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061991.D
Acq: 22 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

Tgt Ion: 56 Resp: 3168
Ion Ratio Lower Upper
56 100
69 158.2 27.7 41.5#
84 143.1 79.1 118.7#

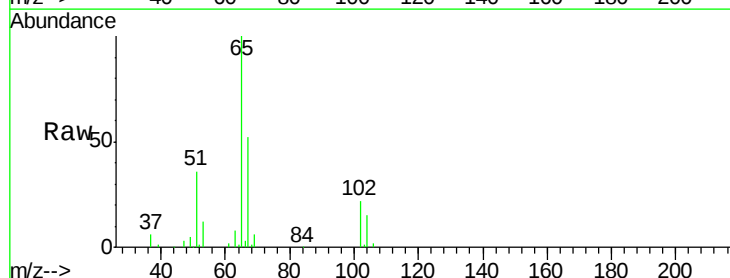


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

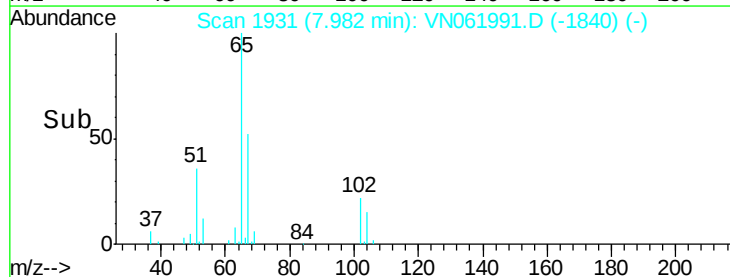
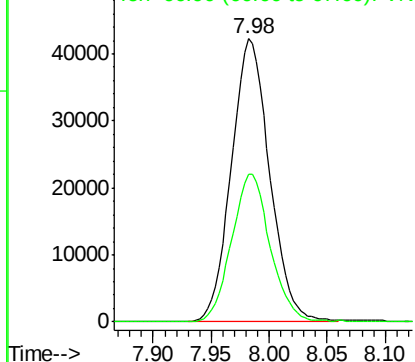


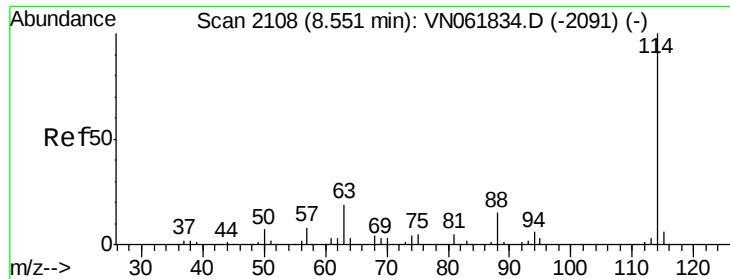
#33
1,2-Dichloroethane-d4
Concen: 50.362 ug/l
RT: 7.98 min Scan# 1931
Delta R.T. -0.01 min
Lab File: VN061991.D
Acq: 22 Jun 2020 11:43

Tgt Ion: 65 Resp: 96960
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2



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

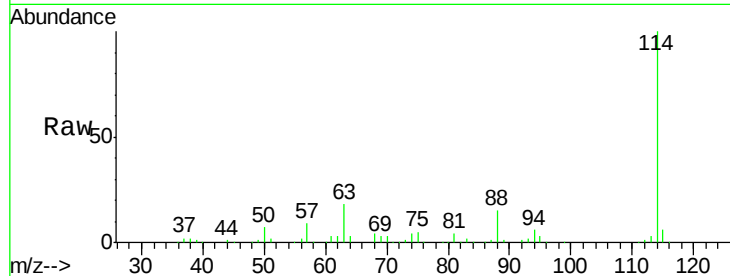




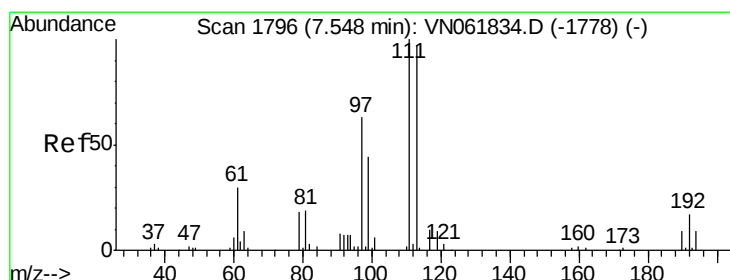
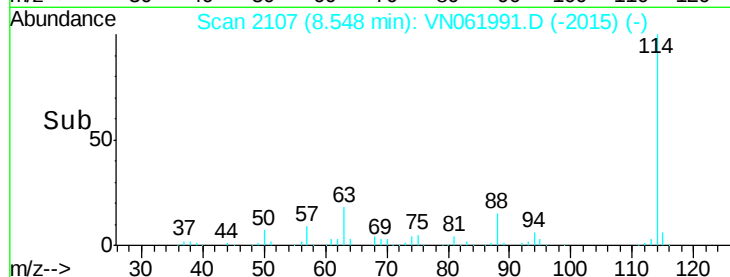
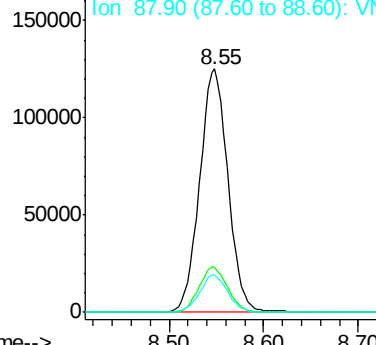
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061991.D
Acq: 22 Jun 2020 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

Tgt Ion:114 Resp: 259842
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.6
88 15.4 0.0 31.0

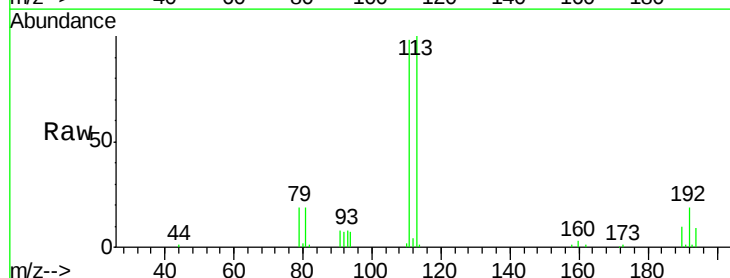


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

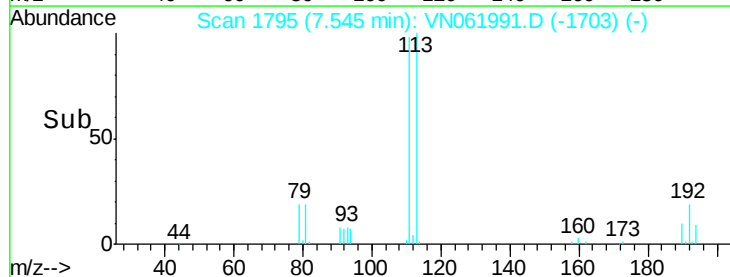
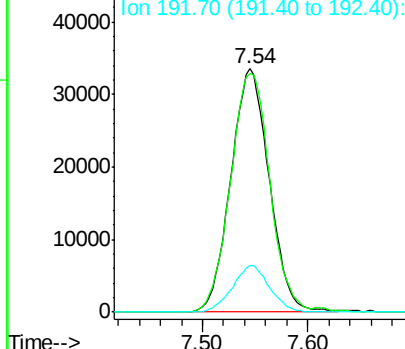


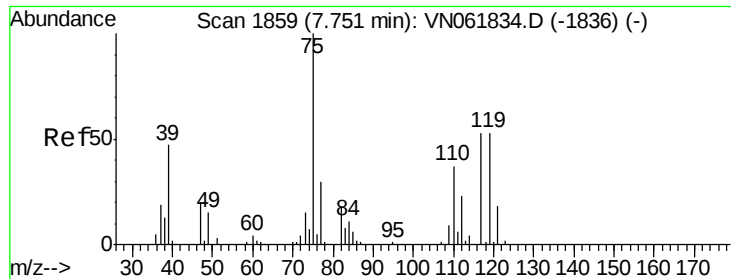
#35
Dibromofluoromethane
Concen: 51.016 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061991.D
Acq: 22 Jun 2020 11:43

Tgt Ion:113 Resp: 84806
Ion Ratio Lower Upper
113 100
111 100.2 83.7 125.5
192 18.4 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

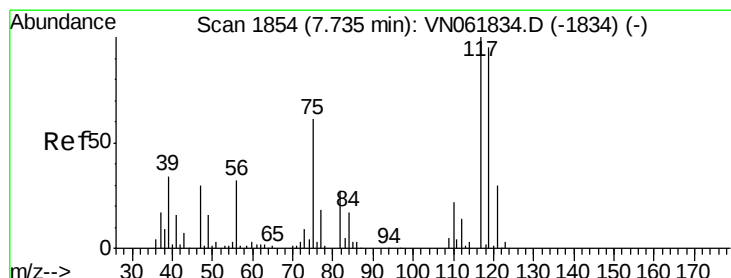
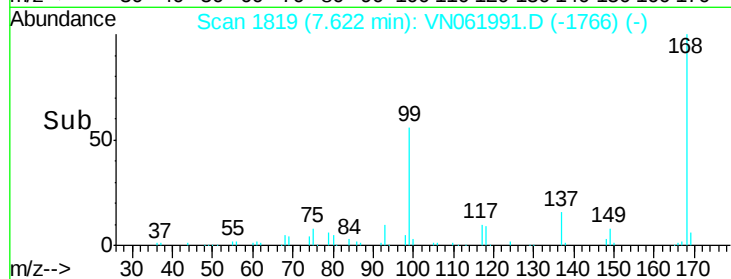
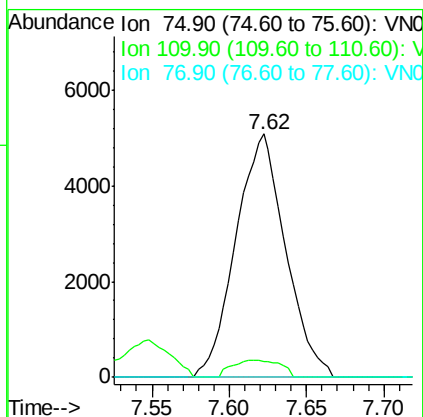
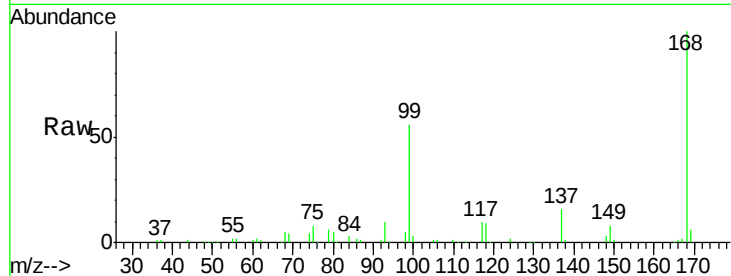




#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061991.D
 Acq: 22 Jun 2020 11:43

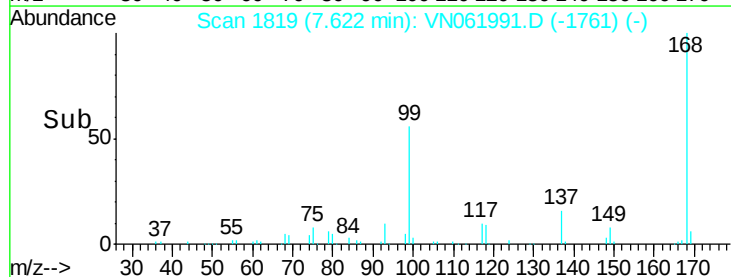
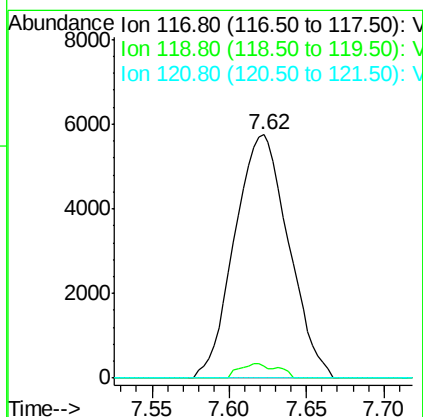
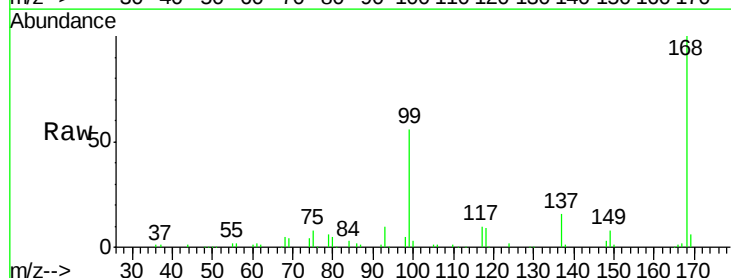
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBL01

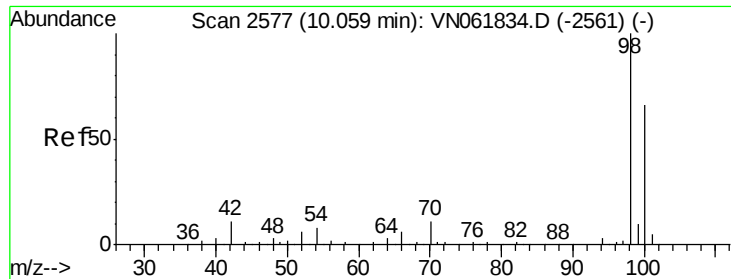
Tgt Ion: 75 Resp: 11366
 Ion Ratio Lower Upper
 75 100
 110 6.9 18.2 54.6#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.934 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN061991.D
 Acq: 22 Jun 2020 11:43

Tgt Ion: 117 Resp: 13927
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.522 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

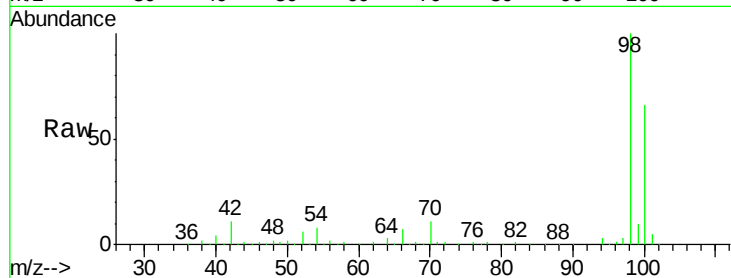
VN0622MBL01

Tgt Ion: 98 Resp: 323644

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

200000

150000

100000

50000

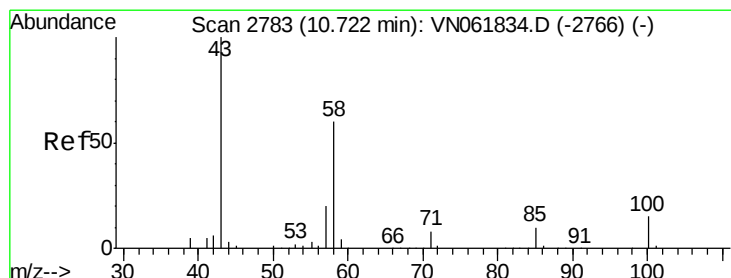
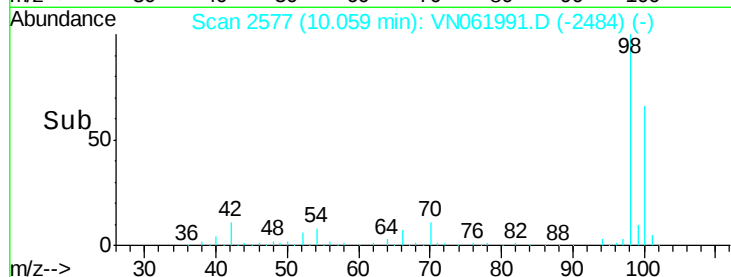
0

10.06

10.10

10.20

Time-->



#59

2-Hexanone

Concen: 13.542 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN061991.D

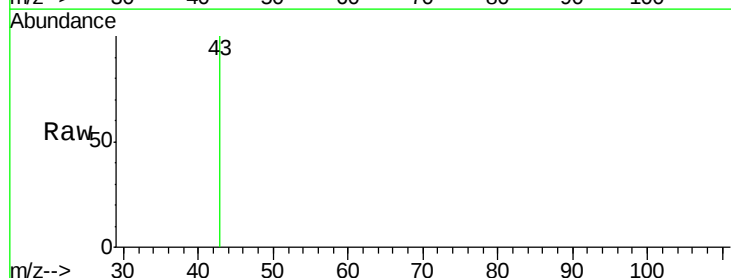
Acq: 22 Jun 2020 11:43

Tgt Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

58 0.0 30.1 90.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250

200

150

100

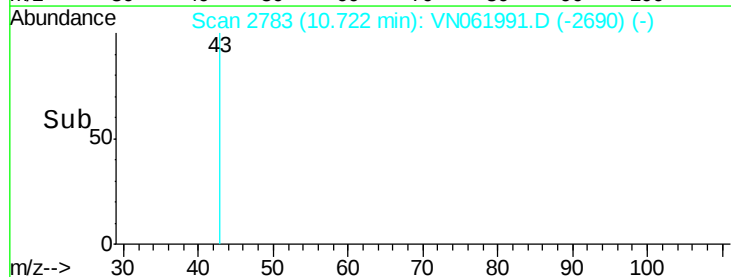
50

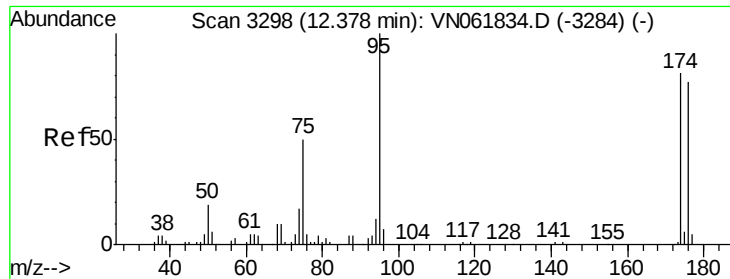
0

10.72

10.73

Time-->





#62

4-Bromofluorobenzene

Concen: 44.422 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

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ClientSampleId :

VN0622MBL01

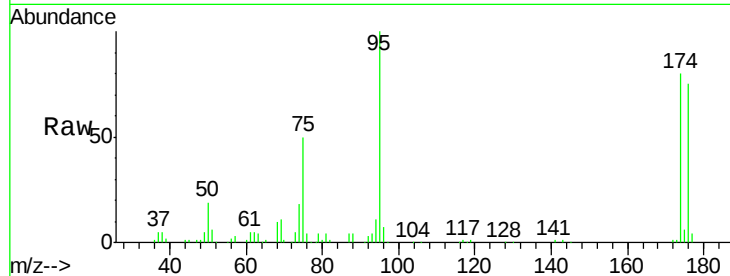
Tgt Ion: 95 Resp: 99582

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

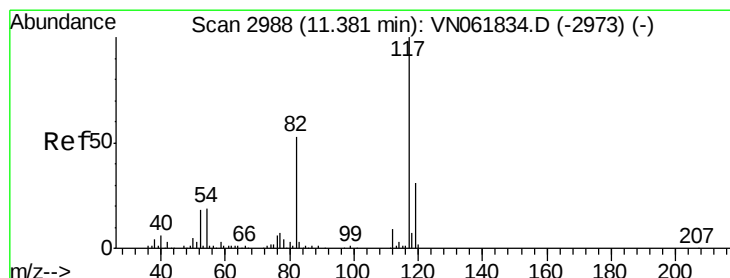
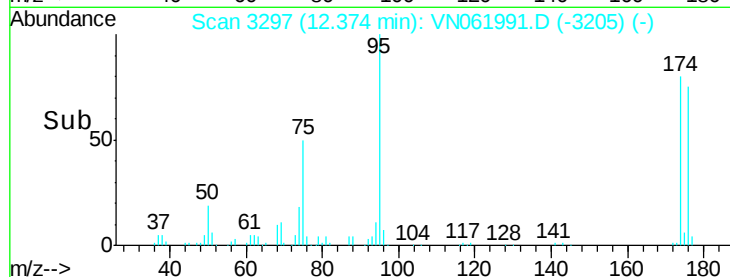
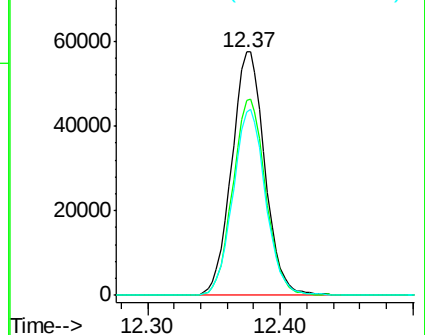
176 75.6 0.0 152.0



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# 2987

Delta R.T. -0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

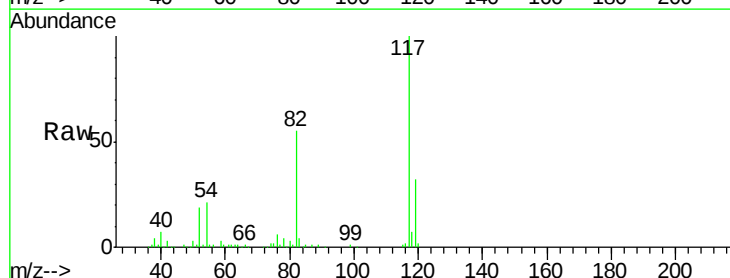
Tgt Ion: 117 Resp: 242450

Ion Ratio Lower Upper

117 100

82 55.5 42.6 64.0

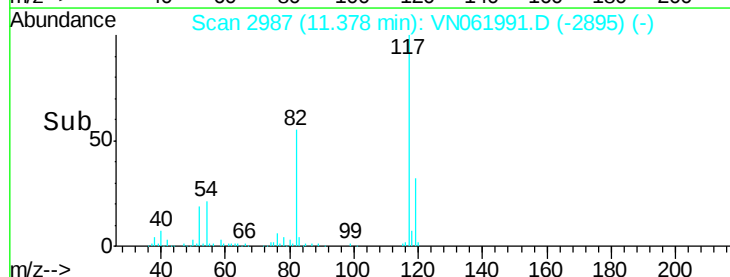
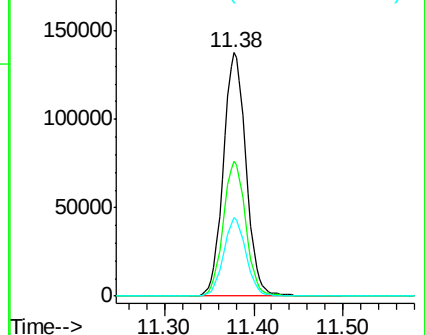
119 32.1 24.7 37.1

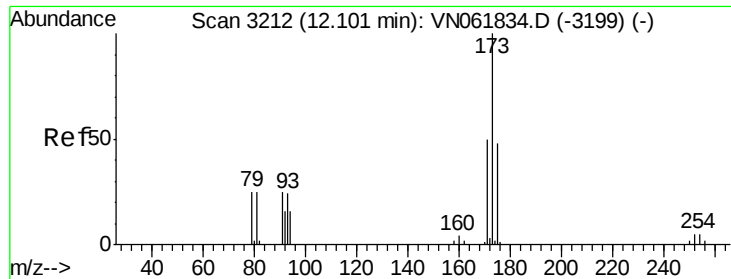


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

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: 0.726 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBL01

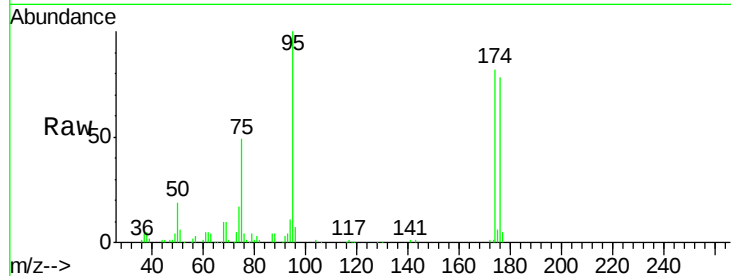
Tgt Ion:173 Resp: 944

Ion Ratio Lower Upper

173 100

175 551.3 23.9 71.7#

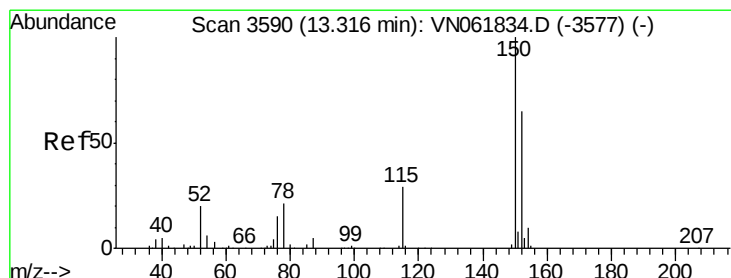
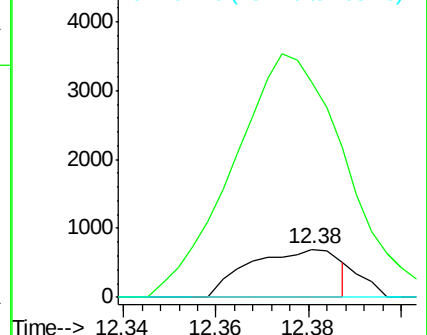
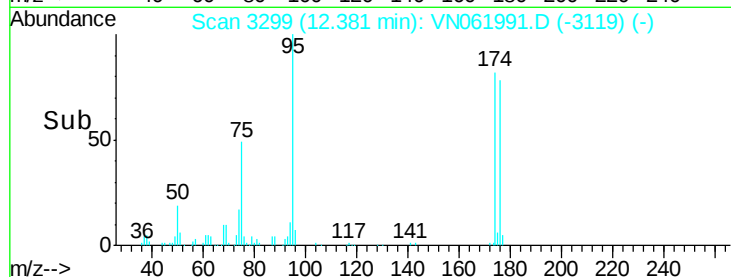
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

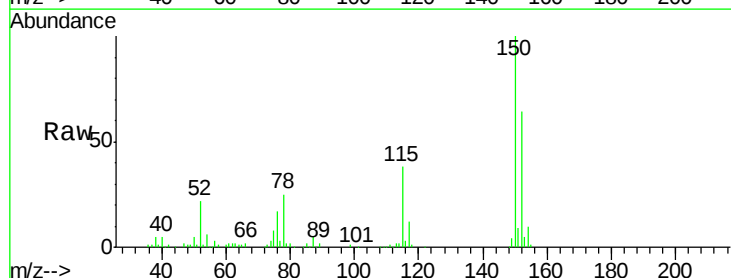
Tgt Ion:152 Resp: 86505

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

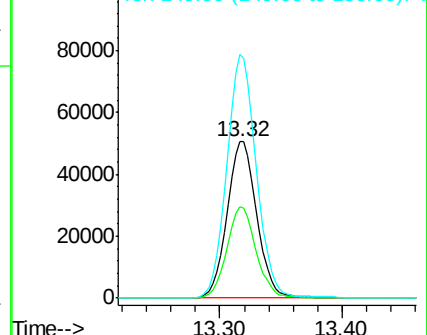
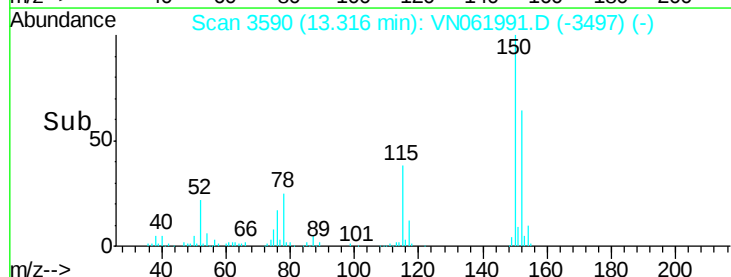
150 154.2 0.0 347.6

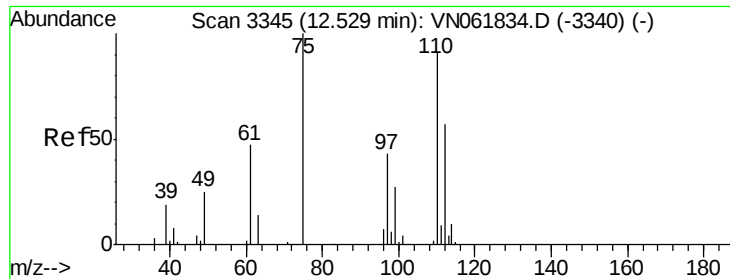


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 29.479 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

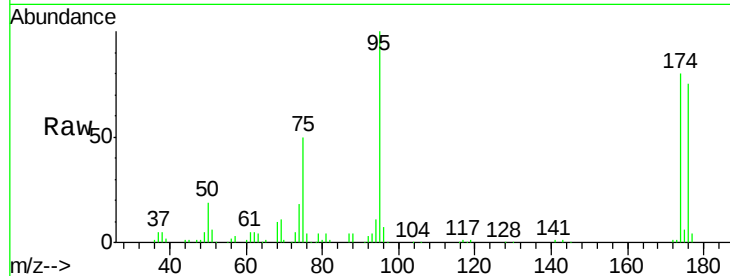
VN0622MBL01

Tgt Ion: 75 Resp: 50064

Ion Ratio Lower Upper

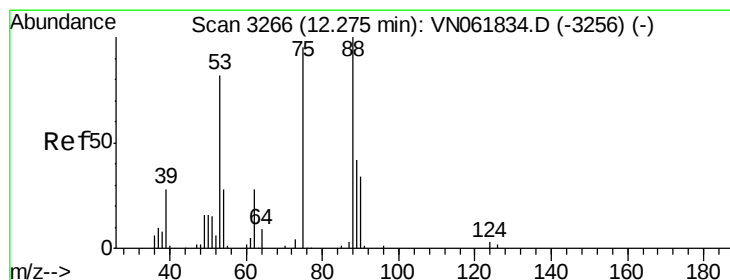
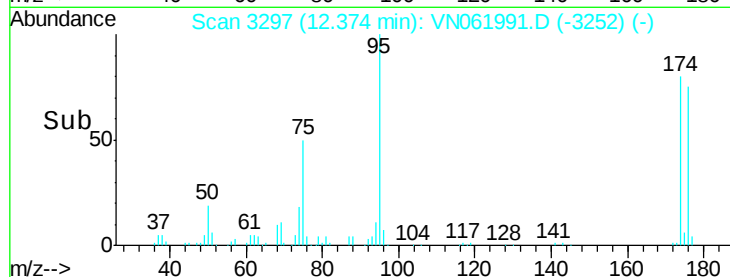
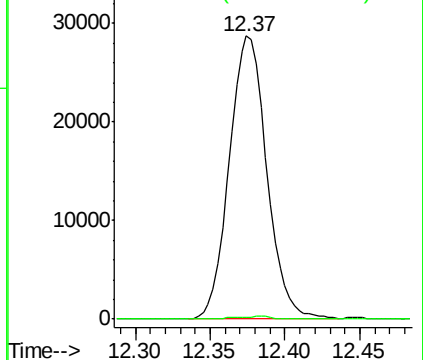
75 100

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: 80.401 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

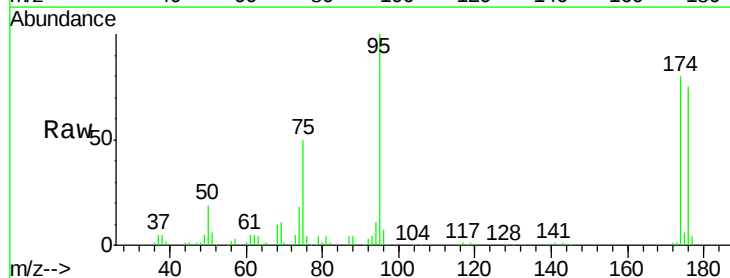
Tgt Ion: 75 Resp: 50064

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

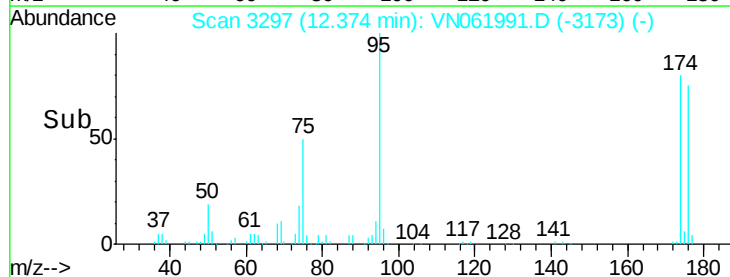
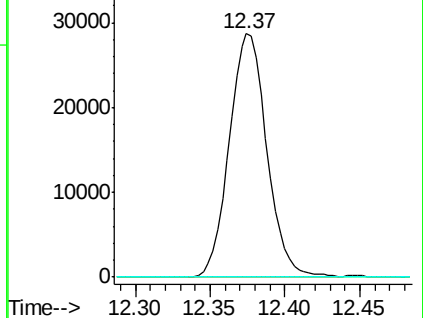
89 0.0 36.0 54.0#

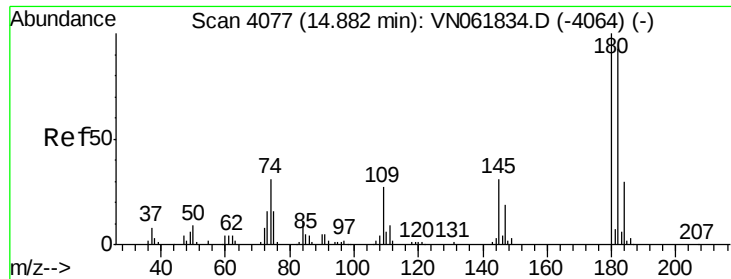


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

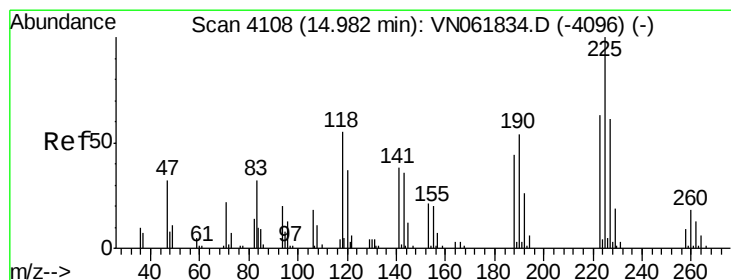
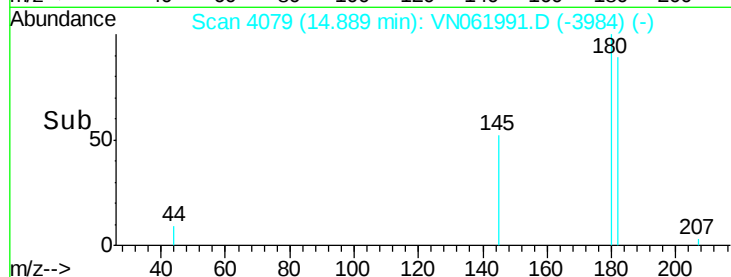
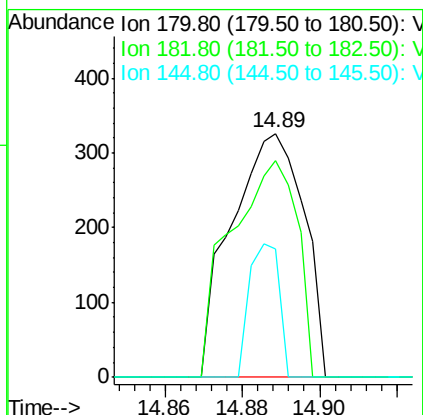
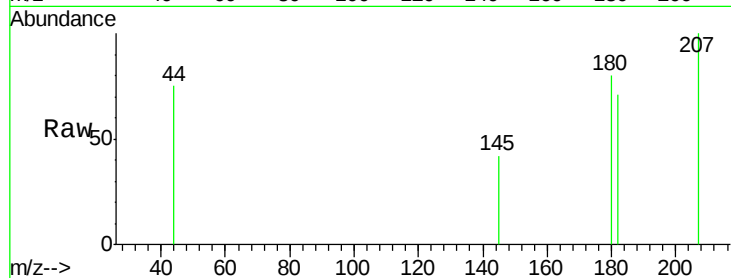




#93
 1,2,4-Trichlorobenzene
 Concen: 0.330 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN061991.D
 Acq: 22 Jun 2020 11:43

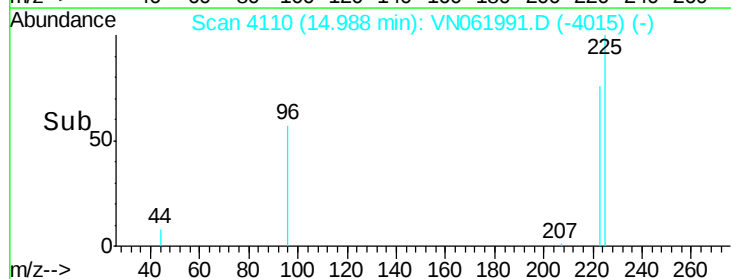
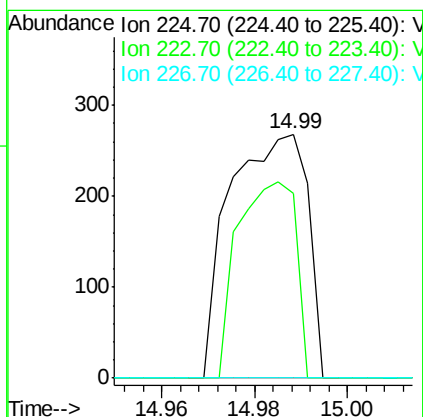
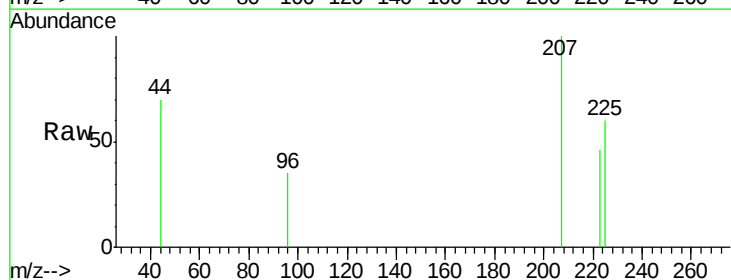
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBL01

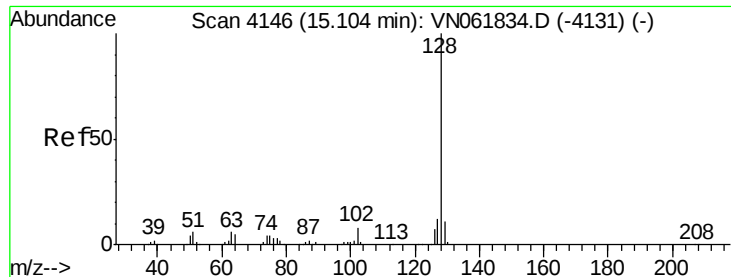
Tgt Ion:180 Resp: 424
 Ion Ratio Lower Upper
 180 100
 182 82.3 47.0 141.2
 145 22.6 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 0.618 ug/l
 RT: 14.99 min Scan# 4110
 Delta R.T. 0.01 min
 Lab File: VN061991.D
 Acq: 22 Jun 2020 11:43

Tgt Ion:225 Resp: 313
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.7 95.1
 227 0.0 30.1 90.3#





#95

Naphthalene

Concen: 4.123 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBL01

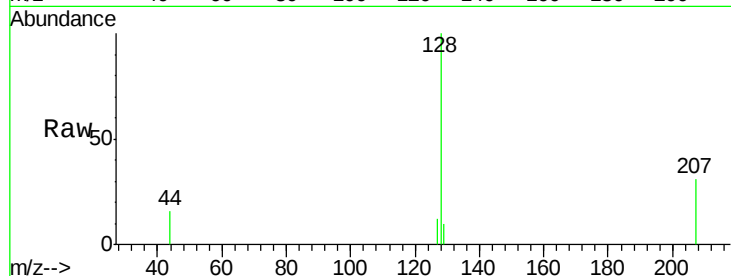
Tgt Ion:128 Resp: 2959

Ion Ratio Lower Upper

128 100

127 7.6 10.3 15.5#

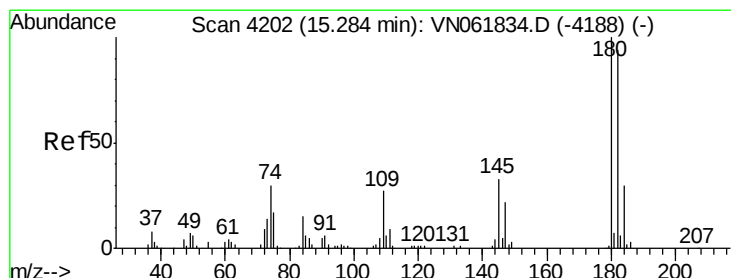
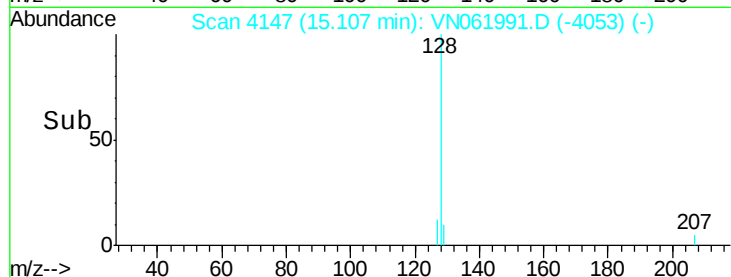
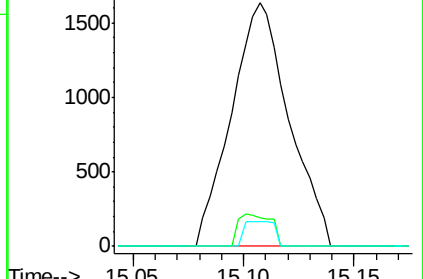
129 5.4 8.6 13.0#



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: 0.457 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061991.D

Acq: 22 Jun 2020 11:43

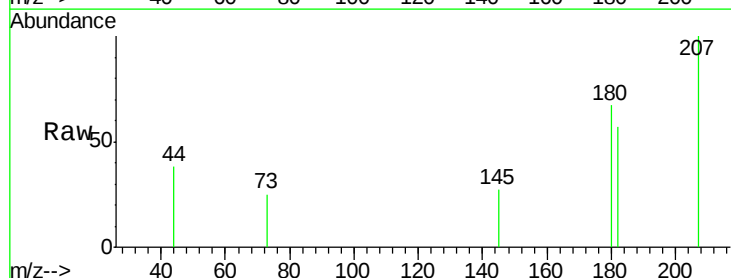
Tgt Ion:180 Resp: 582

Ion Ratio Lower Upper

180 100

182 82.1 47.9 143.6

145 16.8 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

