

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061918.D
 Acq On : 18 Jun 2020 23:40
 Operator : JC/MD
 Sample : VN0618WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL02

Quant Time: Jun 19 05:31:18 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	133620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89566	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	89161	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
35) Dibromofluoromethane	7.55	113	78255	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.06	98	302743	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.38	95	97960	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	

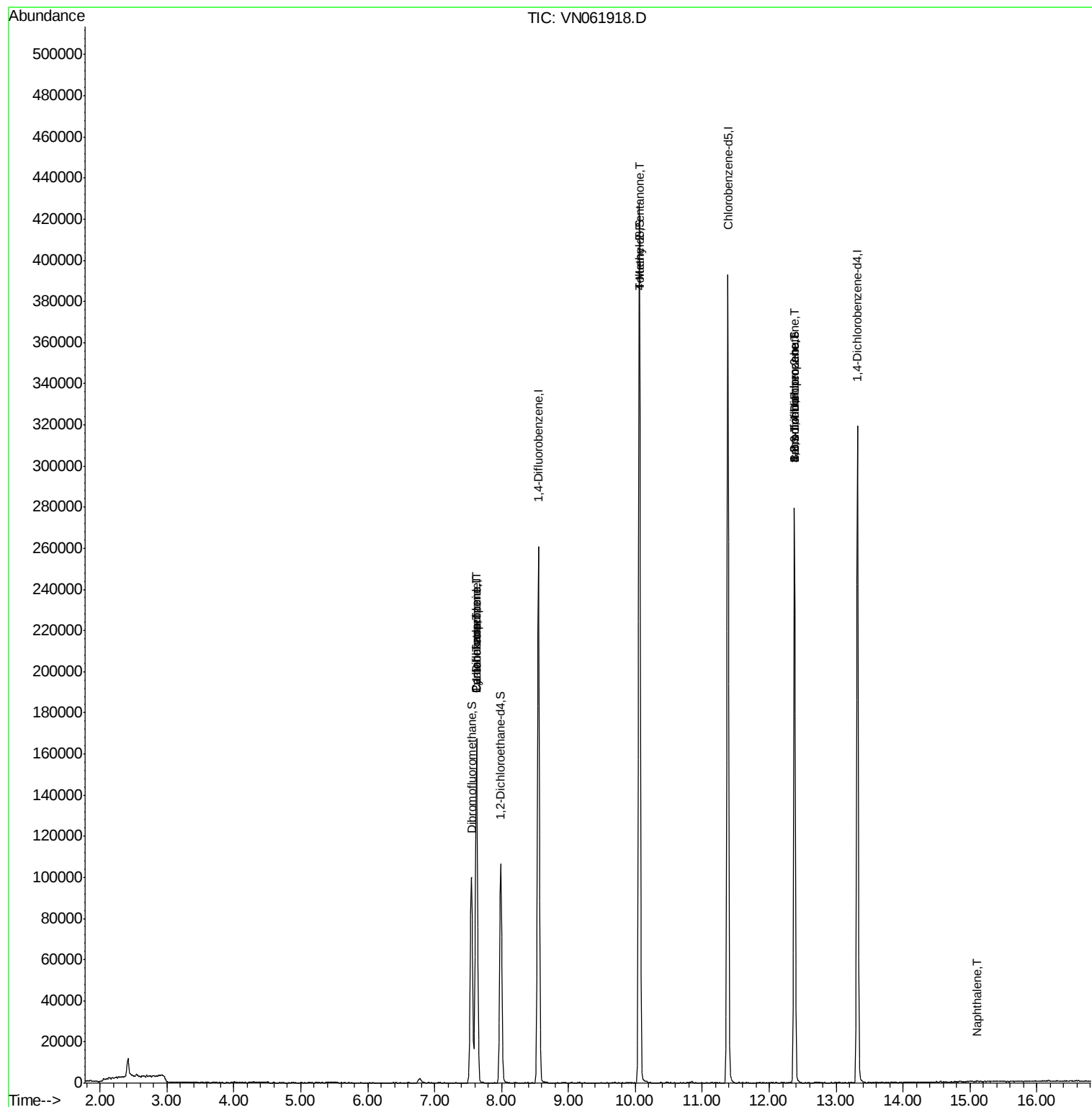
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.62	56	2733	1.157	ug/l #	31
36) 1,1-Dichloropropene	7.63	75	10434	4.713	ug/l #	48
38) Carbon Tetrachloride	7.63	117	13363	6.095	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1315	0.764	ug/l #	1
71) Bromoform	12.37	173	634	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48755	27.727	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48755	75.623	ug/l #	14
95) Naphthalene	15.10	128	877	3.666	ug/l #	69

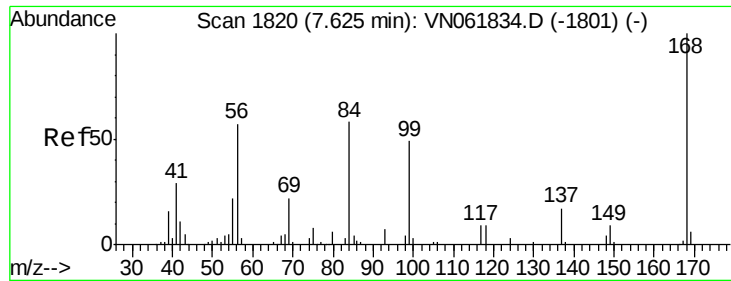
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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MSVOA_N
ClientSampleId :
VN0618WBL02

Quant Time: Jun 19 05:31:18 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: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampleId :

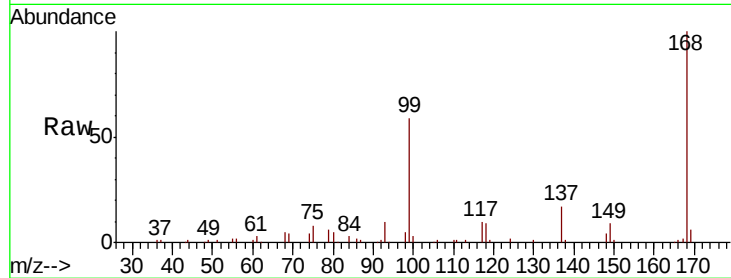
VN0618WBL02

Tot Ion:168 Resp: 133620

Ion Ratio Lower Upper

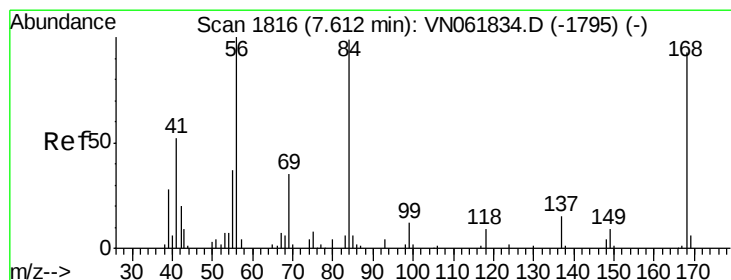
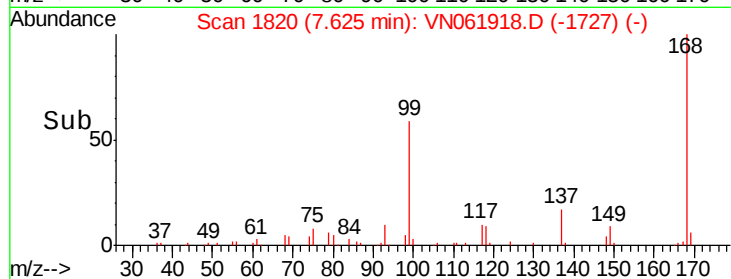
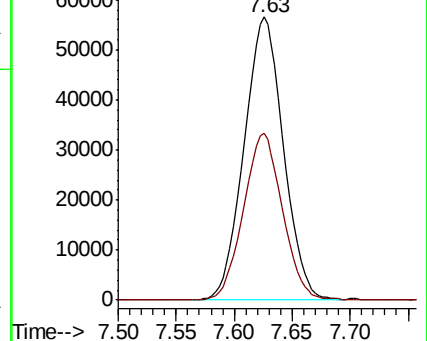
168 100

99 58.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

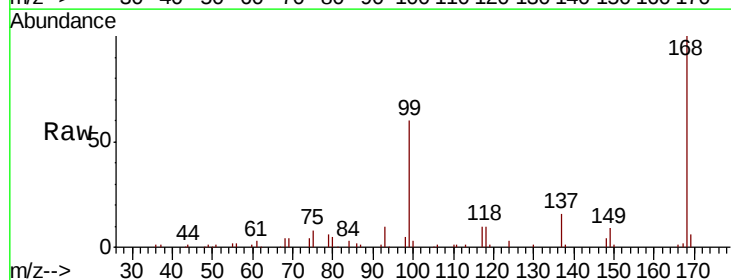
Tgt Ion: 56 Resp: 2733

Ion Ratio Lower Upper

56 100

69 154.9 27.7 41.5#

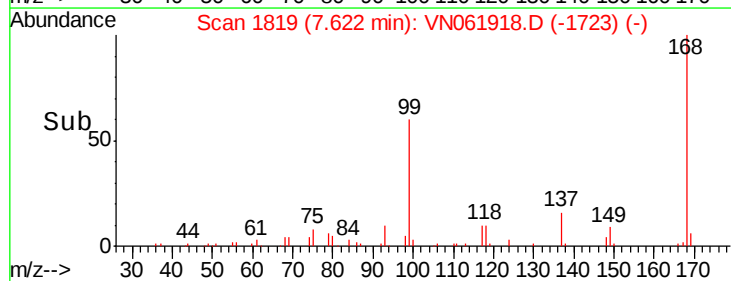
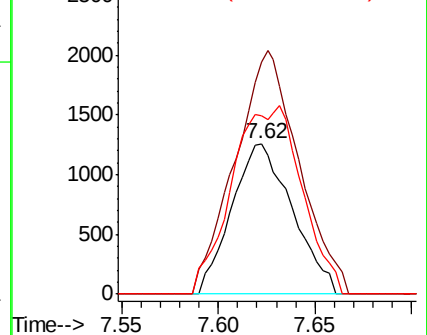
84 119.1 79.1 118.7#

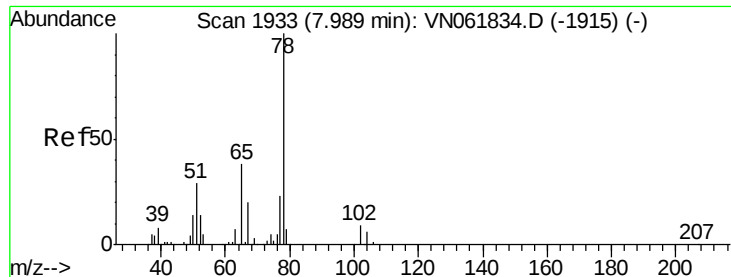


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

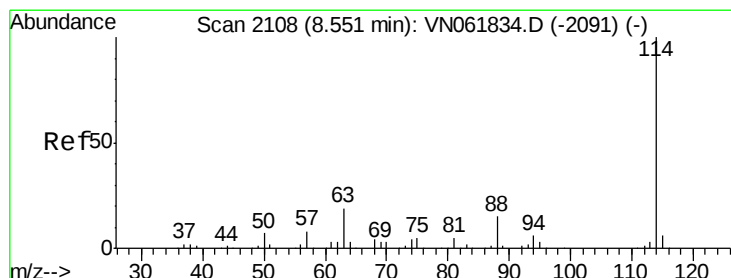
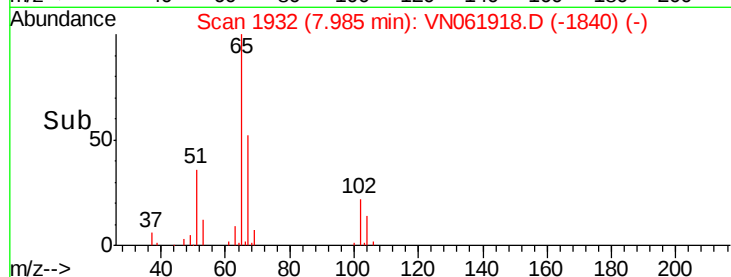
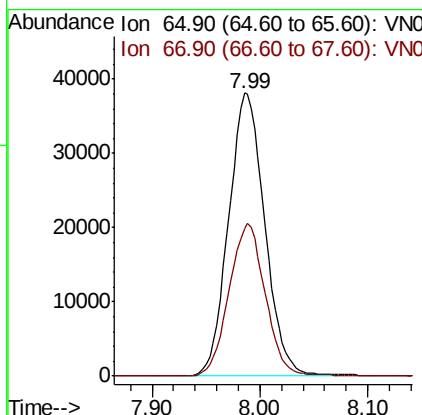
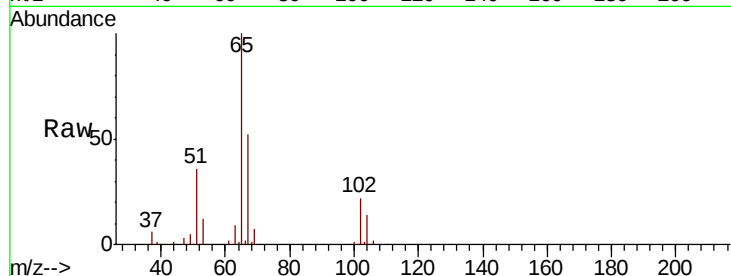




#33
 1,2-Dichloroethane-d4
 Concen: 49.754 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061918.D
 Acq: 18 Jun 2020 23:40

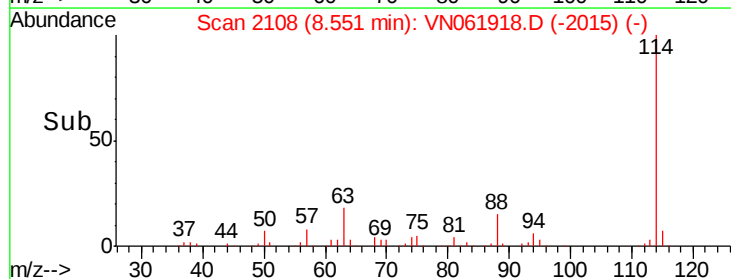
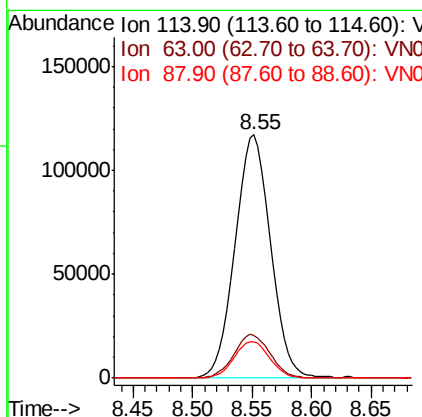
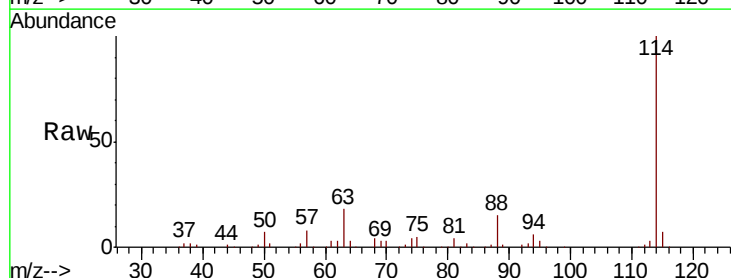
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL02

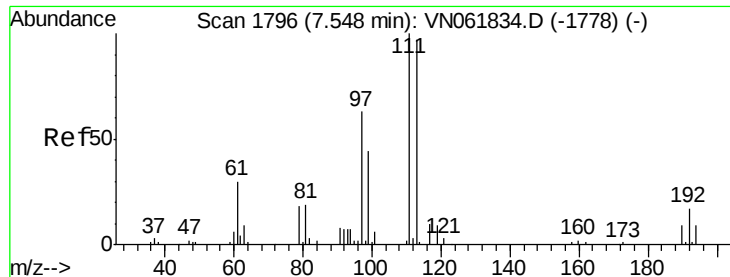
Tot Ion: 65 Resp: 89161
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061918.D
 Acq: 18 Jun 2020 23:40

Tgt Ion: 114 Resp: 242719
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 37.6
 88 14.8 0.0 31.0

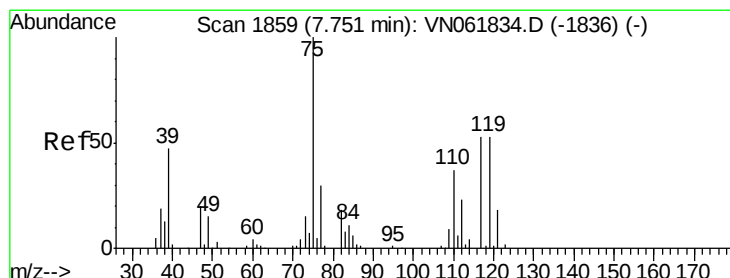
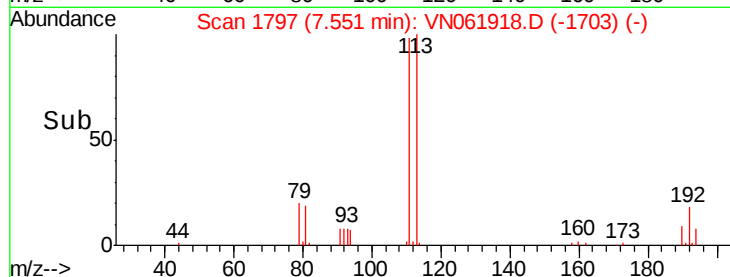
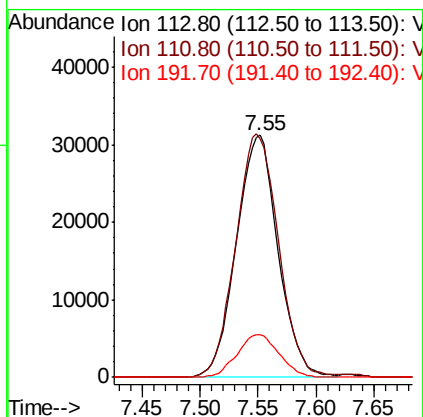
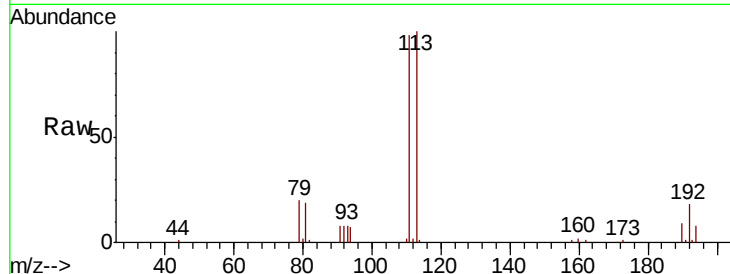




#35
 Dibromofluoromethane
 Concen: 50.396 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061918.D
 Acq: 18 Jun 2020 23:40

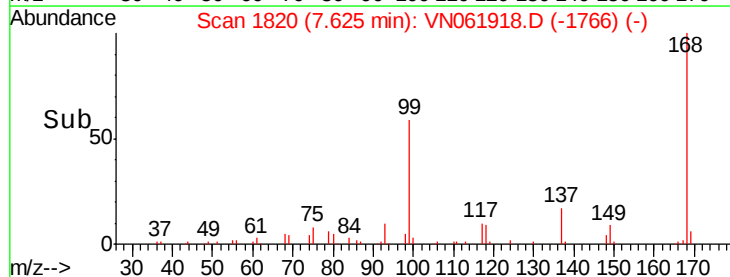
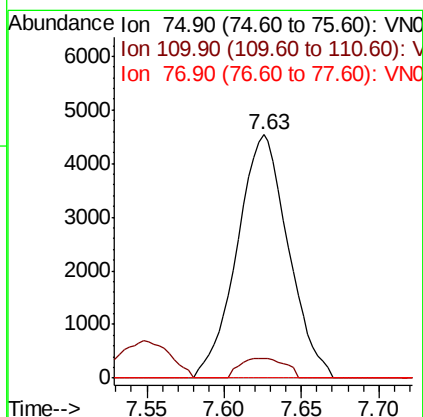
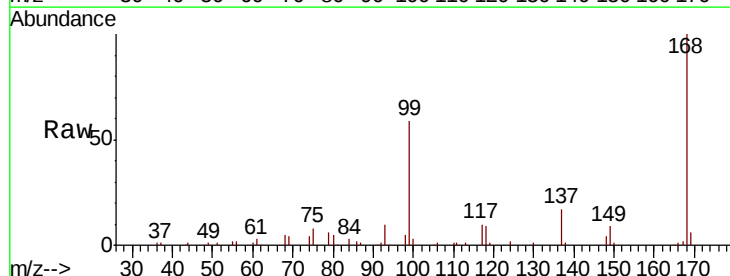
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL02

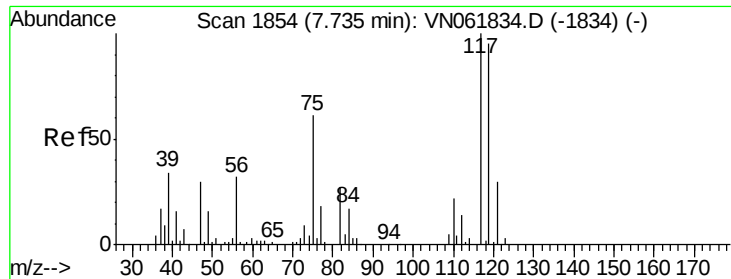
Tot Ion:113 Resp: 78255
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.7 125.5
 192 17.8 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.713 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061918.D
 Acq: 18 Jun 2020 23:40

Tgt Ion: 75 Resp: 10434
 Ion Ratio Lower Upper
 75 100
 110 7.1 18.2 54.6#
 77 0.0 24.2 36.4#

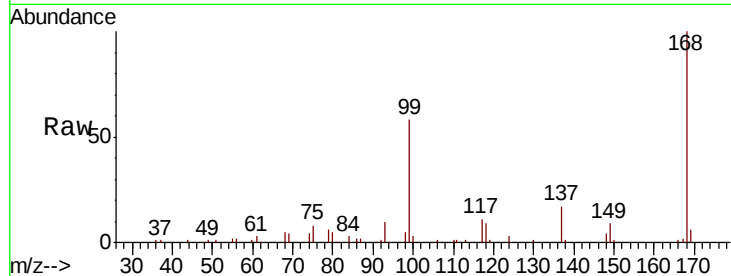




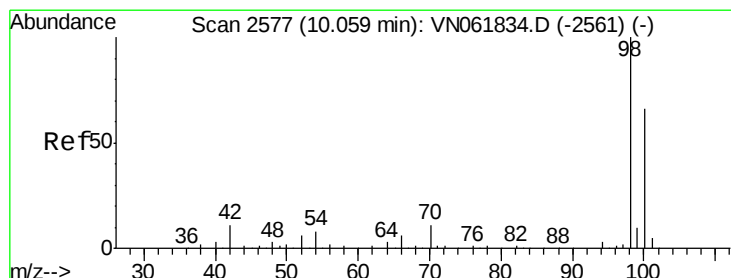
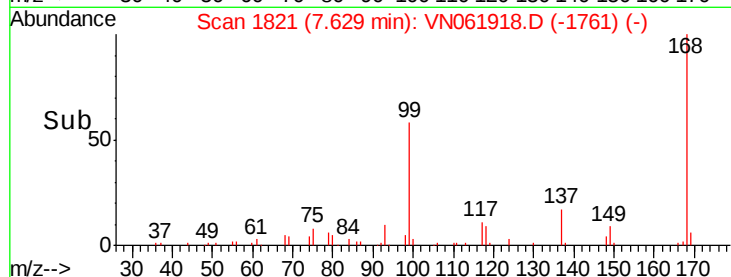
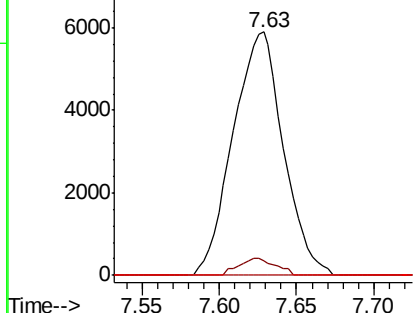
#38
Carbon Tetrachloride
Concen: 6.095 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL02

Tot Ion:117 Resp: 13363
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 23.8 35.6#

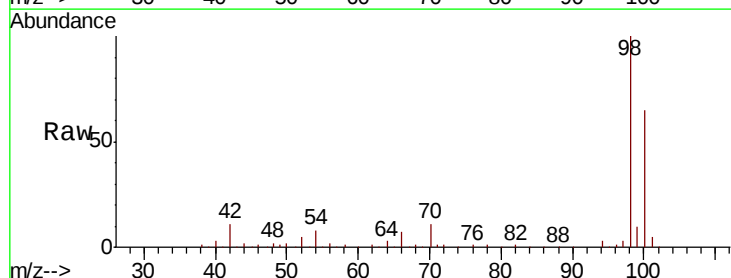


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

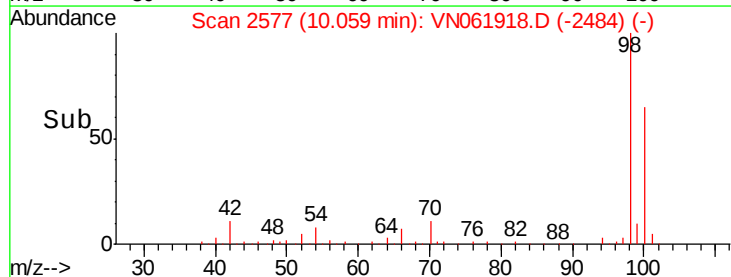
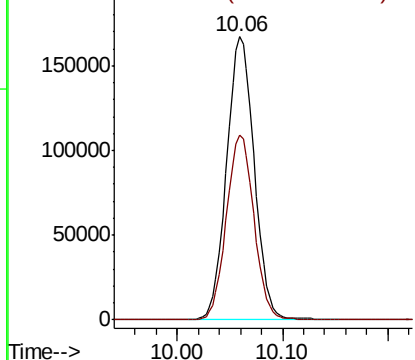


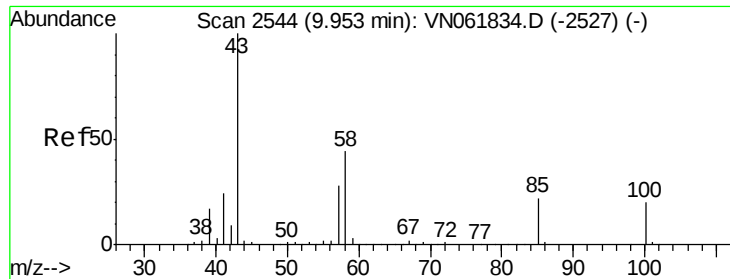
#50
Toluene-d8
Concen: 49.592 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Tgt Ion: 98 Resp: 302743
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



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: 0.764 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampled :

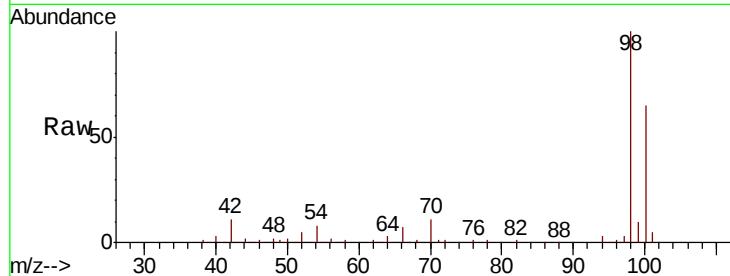
VN0618WBL02

Tot Ion: 43 Resp: 1315

Ion Ratio Lower Upper

43 100

58 174.4 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) (-)

1500

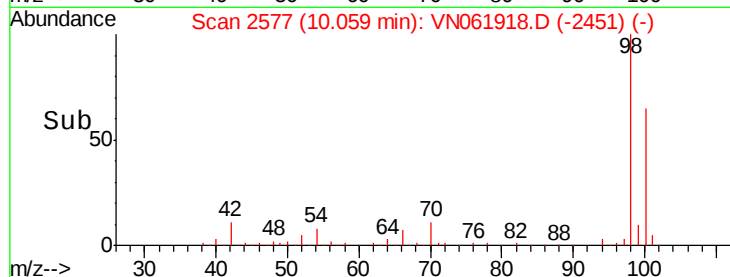
1000

500

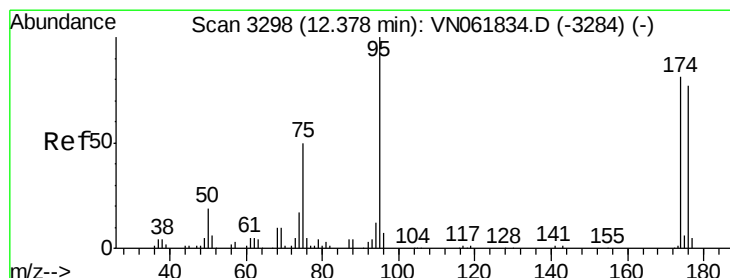
0

10.05

10.10



Time-->



#62

4-Bromofluorobenzene

Concen: 46.782 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

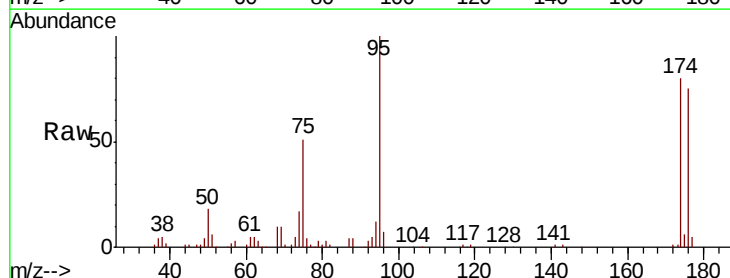
Tgt Ion: 95 Resp: 97960

Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.6

176 75.1 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) (-)

80000

60000

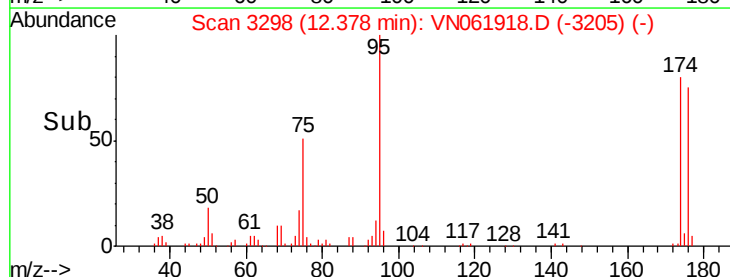
40000

20000

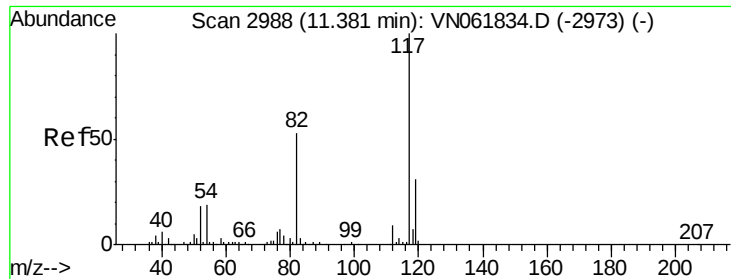
0

12.38

12.40



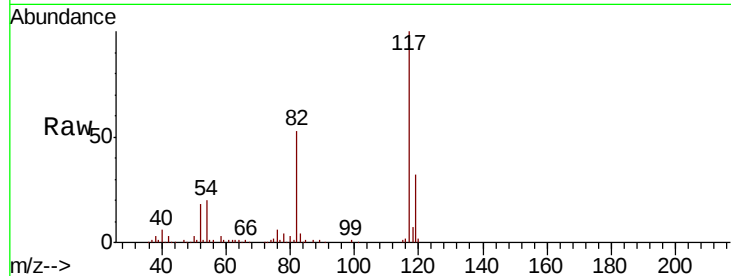
Time-->



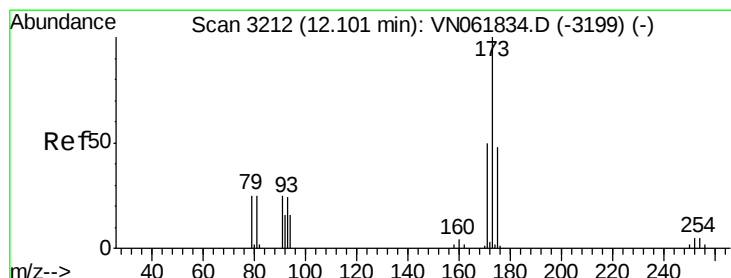
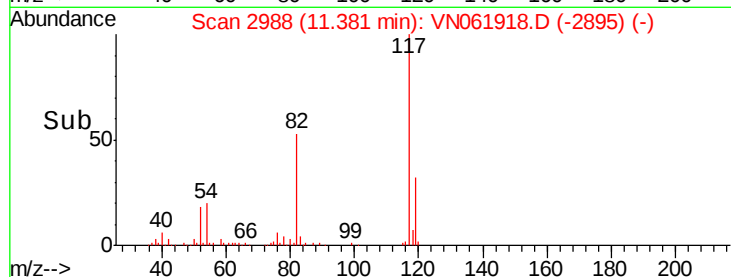
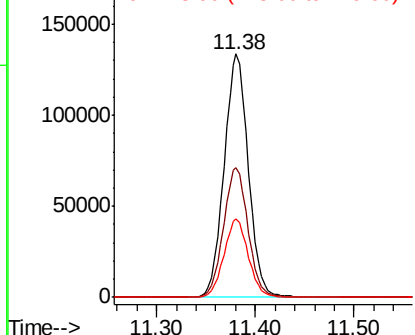
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL02

Tot Ion:117 Resp: 230582
Ion Ratio Lower Upper
117 100
82 53.4 42.6 64.0
119 32.2 24.7 37.1

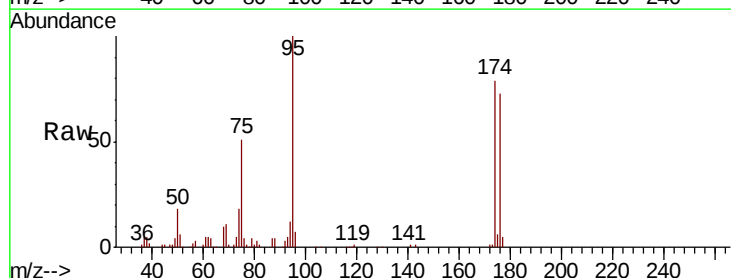


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

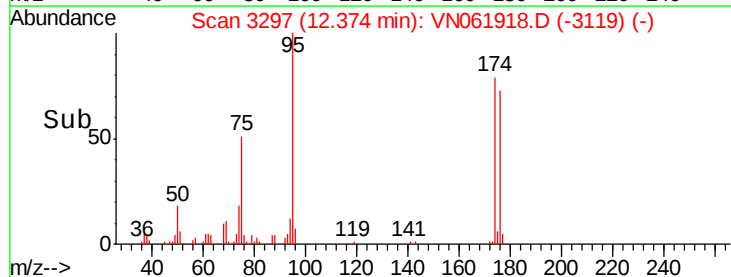
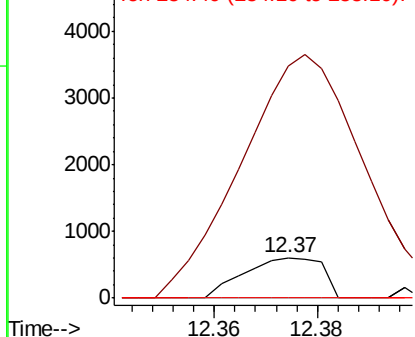


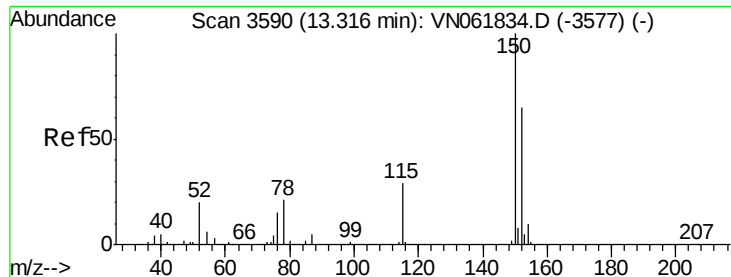
#71
Bromoform
Concen: 0.512 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061918.D
Acq: 18 Jun 2020 23:40

Tgt Ion:173 Resp: 634
Ion Ratio Lower Upper
173 100
175 806.3 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# 3591

Delta R.T. 0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampled :

VN0618WBL02

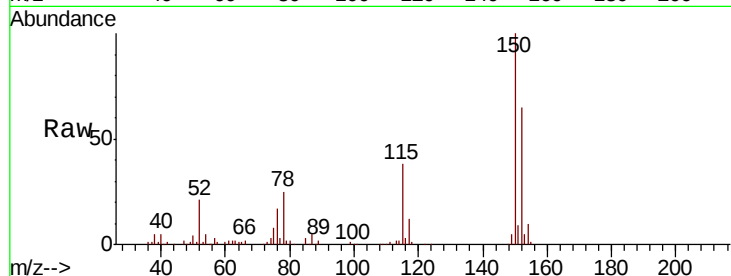
Tot Ion:152 Resp: 89566

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

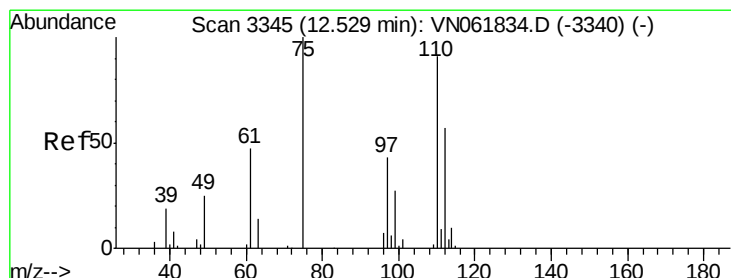
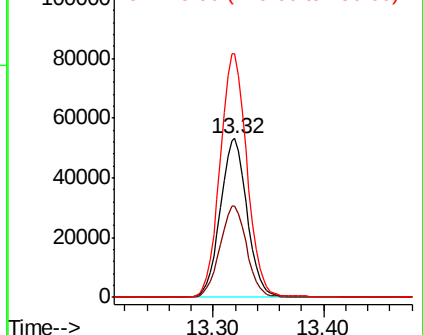
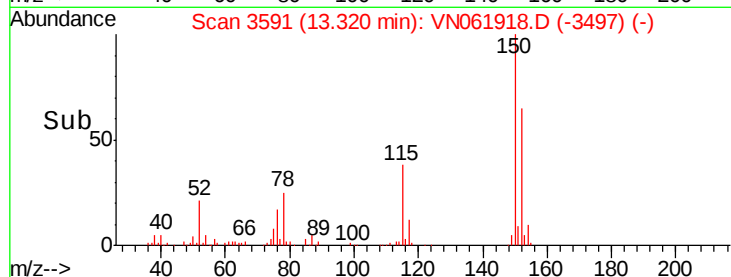
150 153.3 0.0 347.6



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: 27.727 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061918.D

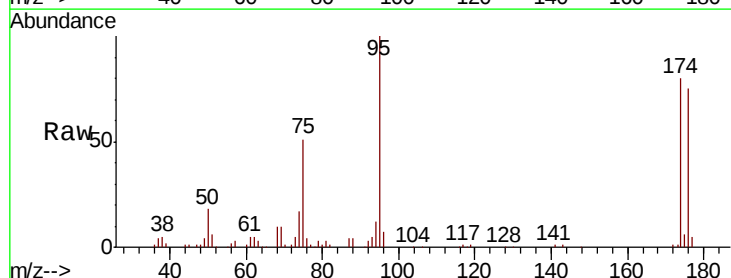
Acq: 18 Jun 2020 23:40

Tgt Ion: 75 Resp: 48755

Ion Ratio Lower Upper

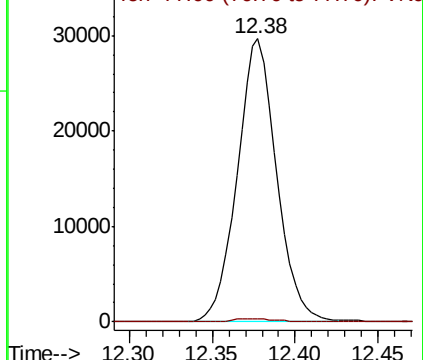
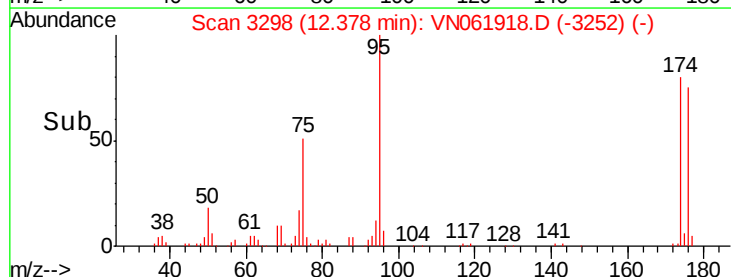
75 100

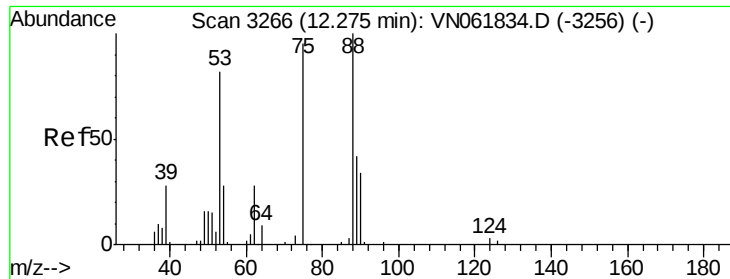
77 1.2 0.0 0.0#



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: 75.623 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

Instrument :

MSVOA_N

ClientSampled :

VN0618WBL02

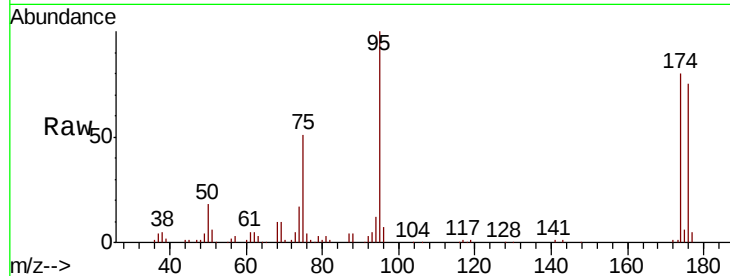
Tot Ion: 75 Resp: 48755

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

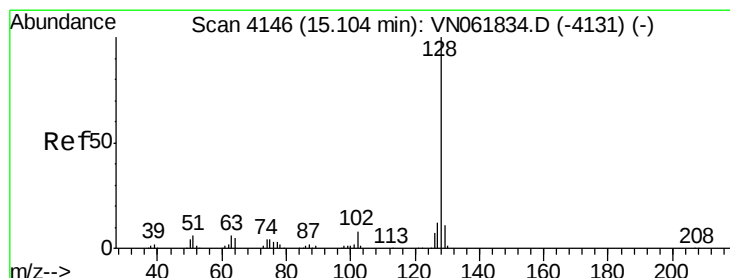
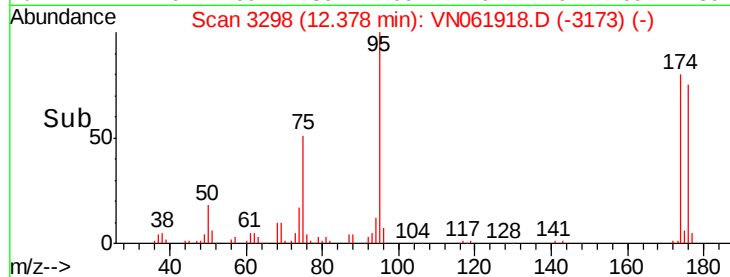
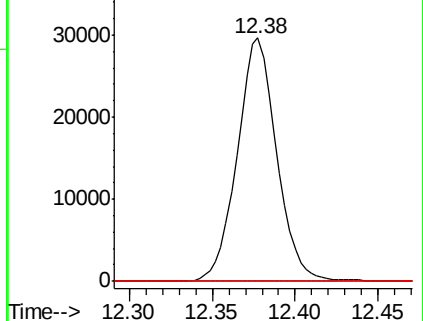
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#95

Naphthalene

Concen: 3.666 ug/l

RT: 15.10 min Scan# 4145

Delta R.T. -0.00 min

Lab File: VN061918.D

Acq: 18 Jun 2020 23:40

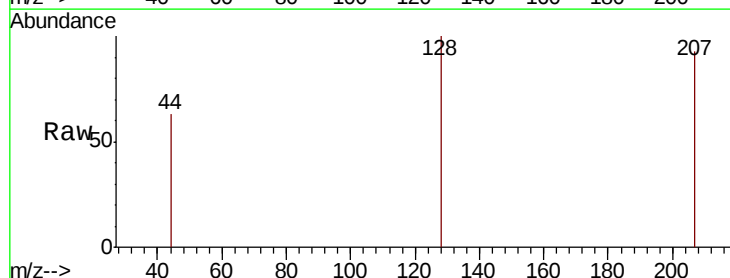
Tgt Ion: 128 Resp: 877

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): VN061834.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN061834.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN061834.D (-4131) (-)

