

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062069.D
 Acq On : 24 Jun 2020 17:48
 Operator : JC/MD
 Sample : L3077-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 25 04:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145919	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	150279	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	126175	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	10.06	98	498151	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	164190	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	

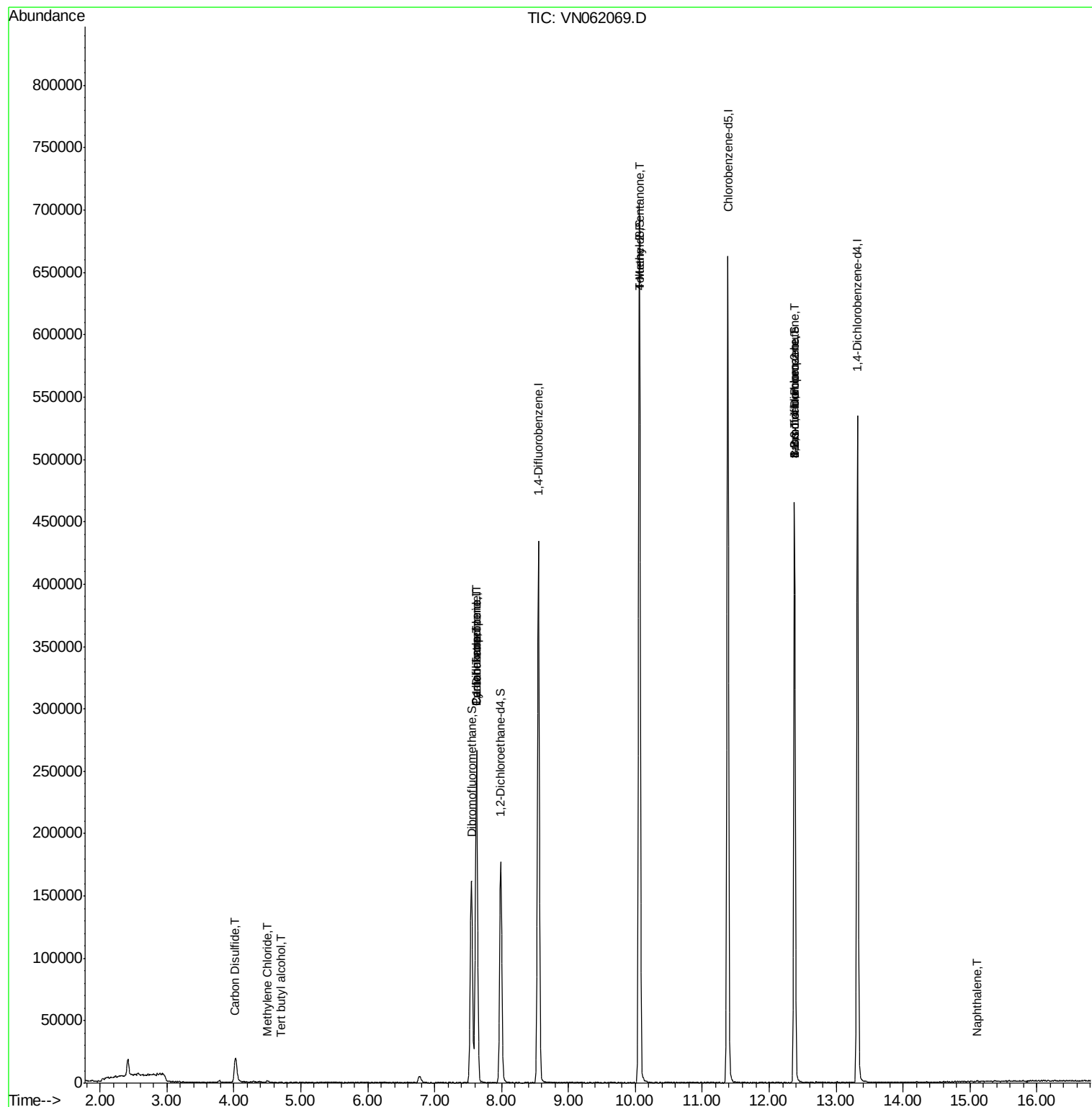
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	610	Below Cal	#	68
11) Tert butyl alcohol	4.69	59	384	0.919	ug/l #	72
16) Acetone	3.78	43	2951	Below Cal		100
17) Carbon Disulfide	4.00	76	1075	0.208	ug/l #	75
20) Methylene Chloride	4.50	84	1247	0.251	ug/l #	90
31) Cyclohexane	7.62	56	5228	1.300	ug/l #	33
36) 1,1-Dichloropropene	7.63	75	17257	4.397	ug/l #	48
38) Carbon Tetrachloride	7.63	117	20934	5.658	ug/l #	15
51) 4-Methyl-2-Pentanone	10.06	43	2331	0.753	ug/l #	1
71) Bromoform	12.38	173	1601	0.775	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	82818	24.110	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	82818	70.409	ug/l #	13
95) Naphthalene	15.11	128	798	4.100	ug/l #	69

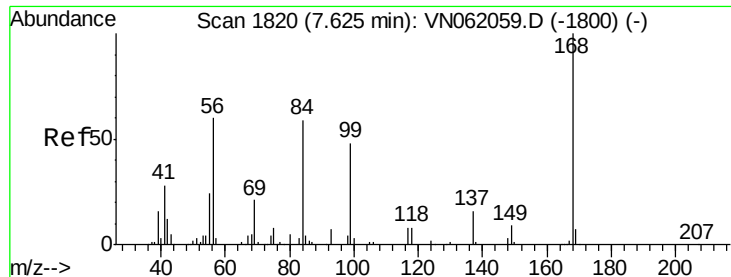
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
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STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 25 04:30:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062069.D

Acq: 24 Jun 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

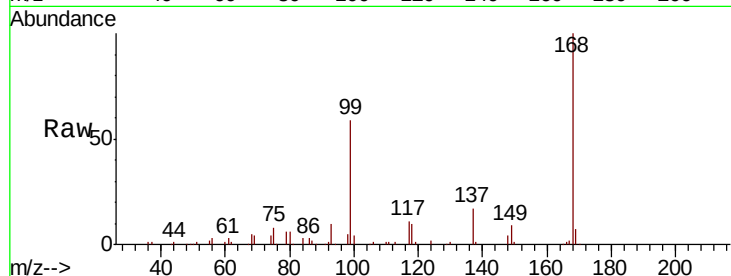
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 207344

Ion Ratio Lower Upper

168 100

99 59.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

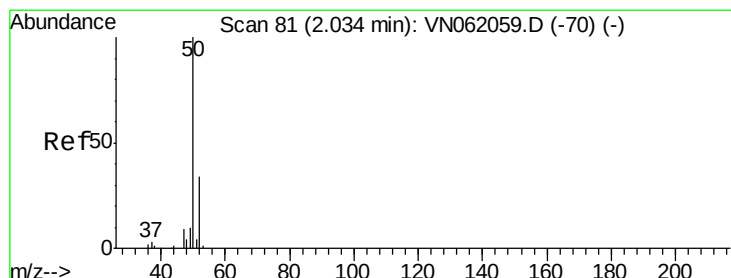
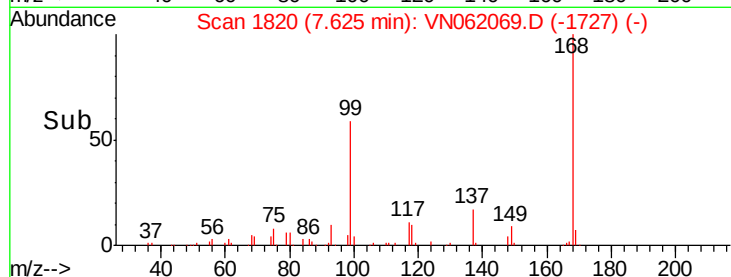
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062069.D

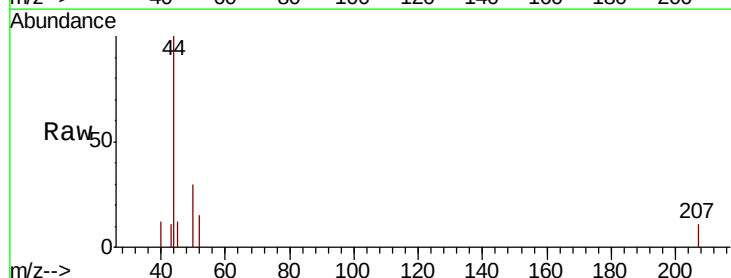
Acq: 24 Jun 2020 17:48

Tgt Ion: 50 Resp: 610

Ion Ratio Lower Upper

50 100

52 51.9 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

600

500

400

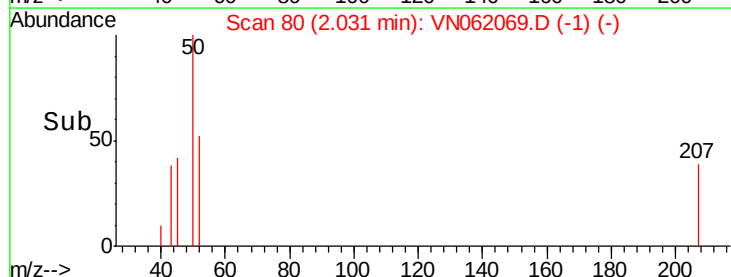
300

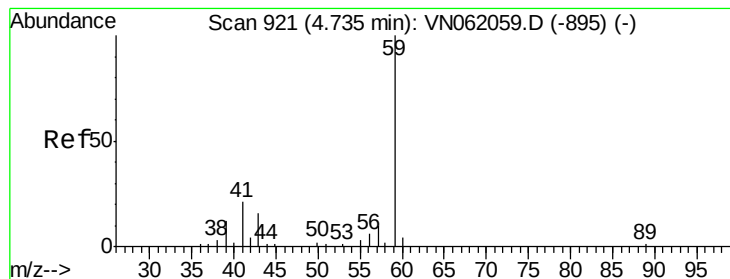
200

100

0

Time-->



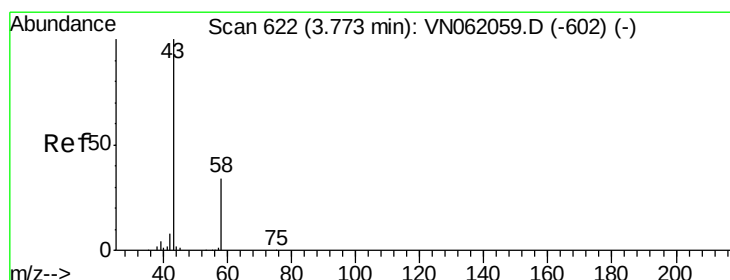
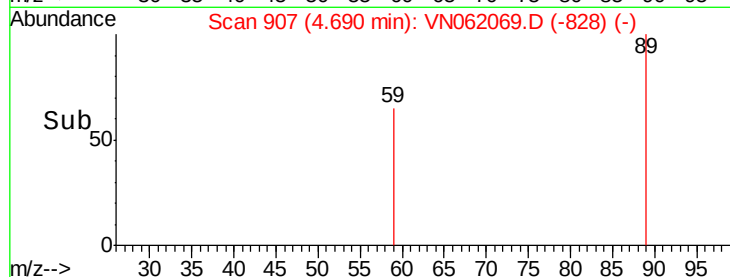
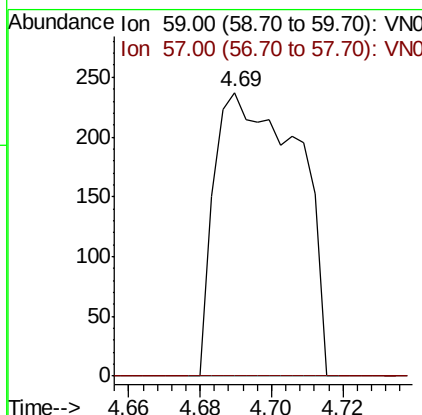
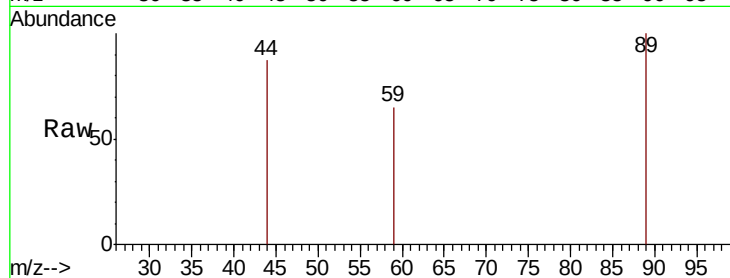


#11

Tert butyl alcohol
 Concen: 0.919 ug/l
 RT: 4.69 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: VN062069.D
 Acq: 24 Jun 2020 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

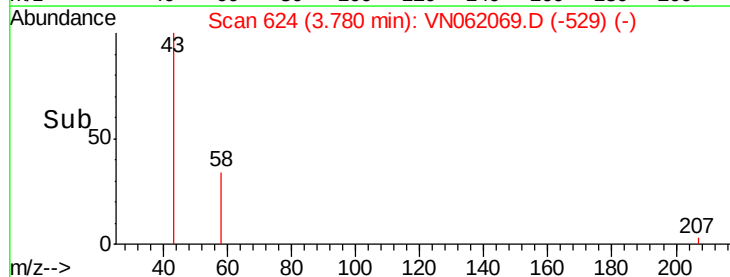
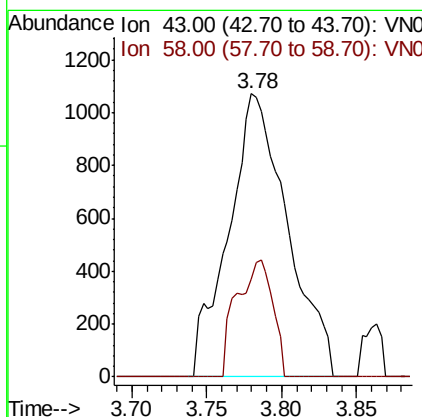
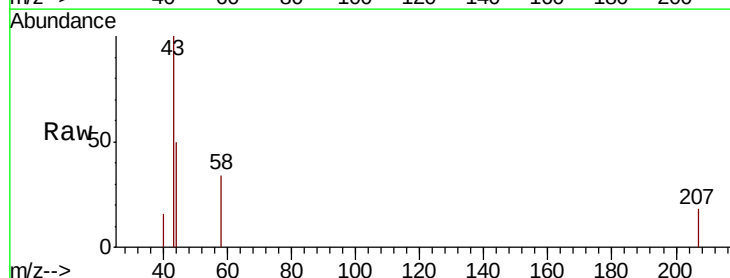
Tot Ion: 59 Resp: 384
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

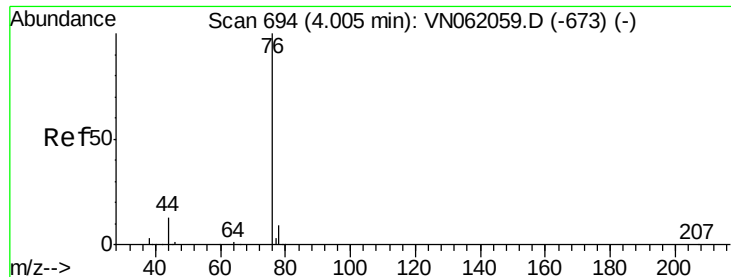


#16

Acetone
 Concen: Below Cal
 RT: 3.78 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: VN062069.D
 Acq: 24 Jun 2020 17:48

Tgt Ion: 43 Resp: 2951
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.5 41.3





#17

Carbon Disulfide

Concen: 0.208 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

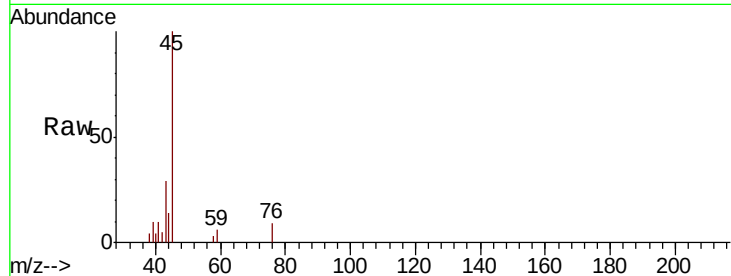
STORAGE-BLANK-WATER-REF-5

Tot Ion: 76 Resp: 1075

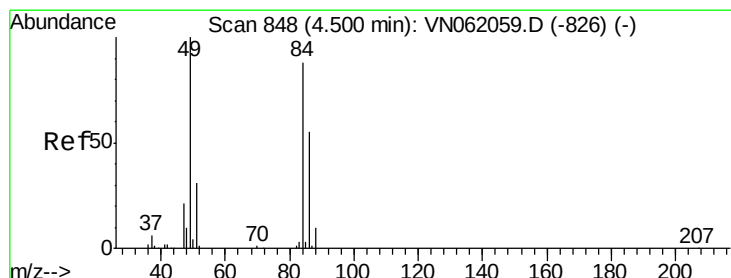
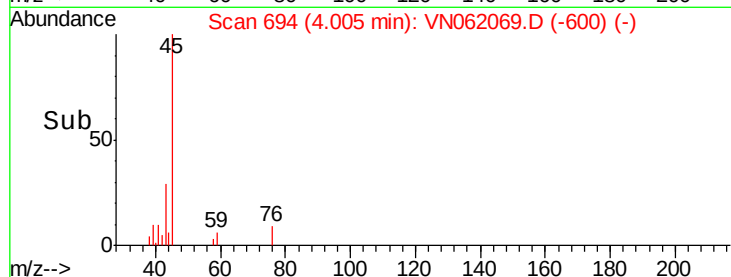
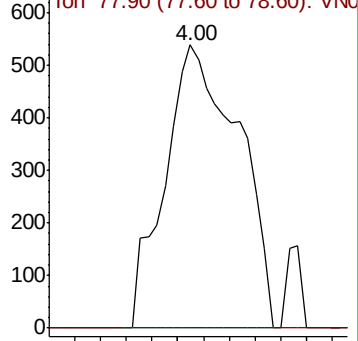
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)



#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

Tgt Ion: 84 Resp: 1247

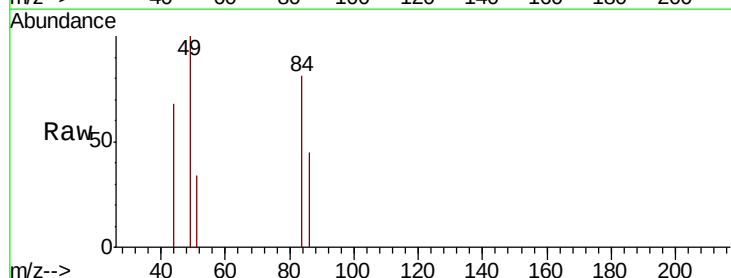
Ion Ratio Lower Upper

84 100

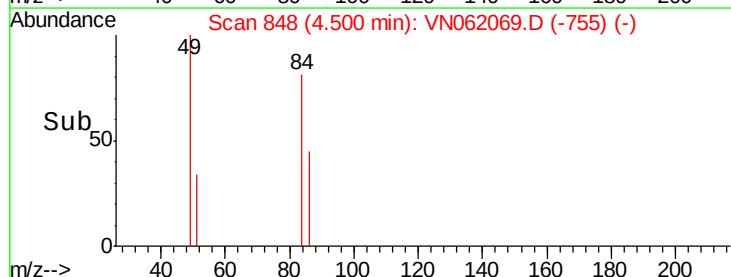
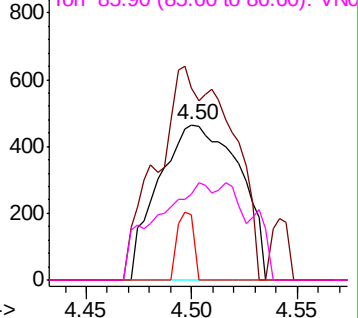
49 123.6 90.6 136.0

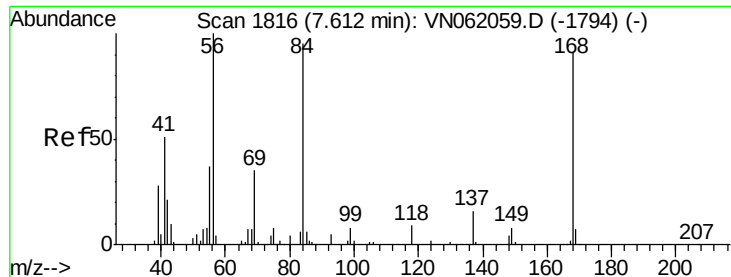
51 41.8 27.8 41.8#

86 55.4 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062059.D (-826) (-)

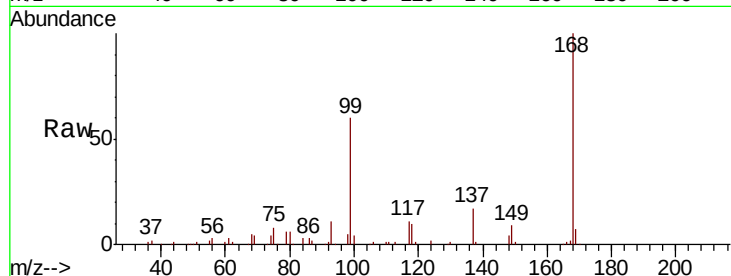




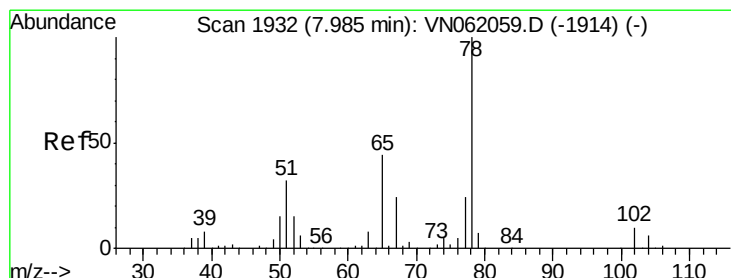
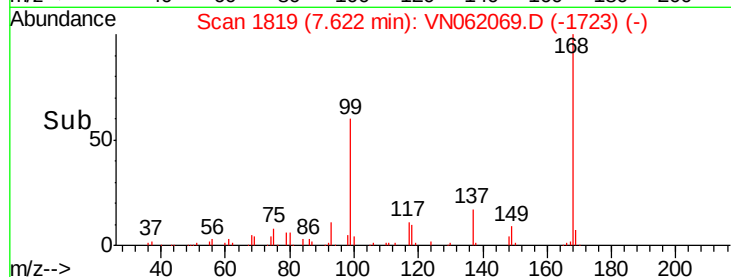
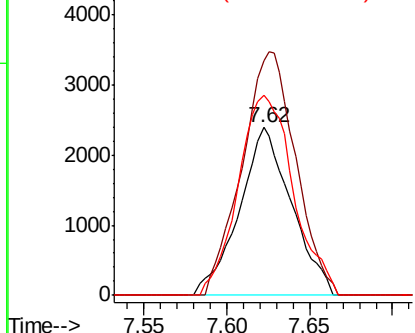
#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion: 56 Resp: 5228
Ion Ratio Lower Upper
56 100
69 140.0 28.0 42.0#
84 119.3 76.1 114.1#

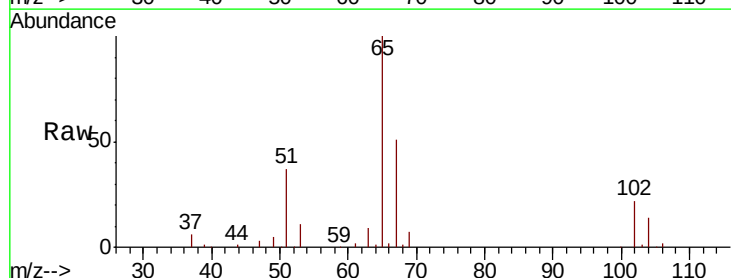


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

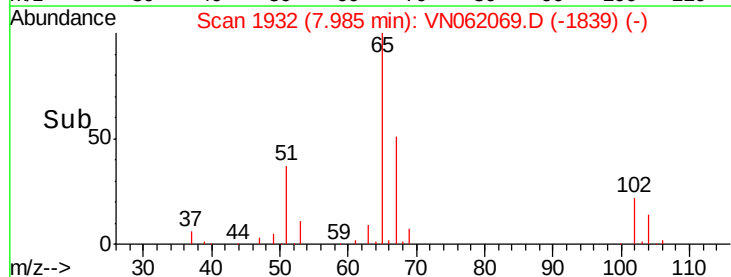
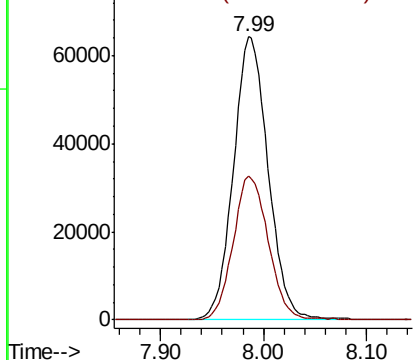


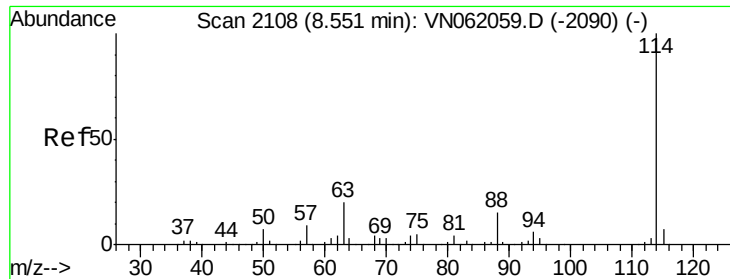
#33
1,2-Dichloroethane-d4
Concen: 51.647 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Tgt Ion: 65 Resp: 150279
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2



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

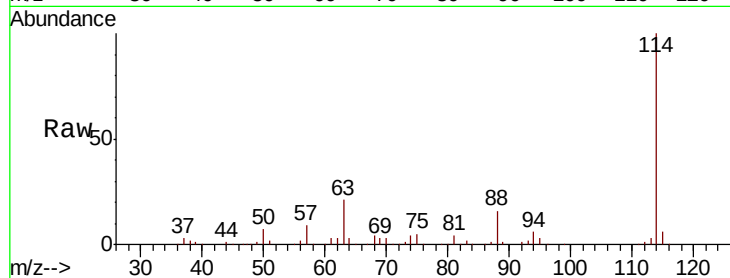




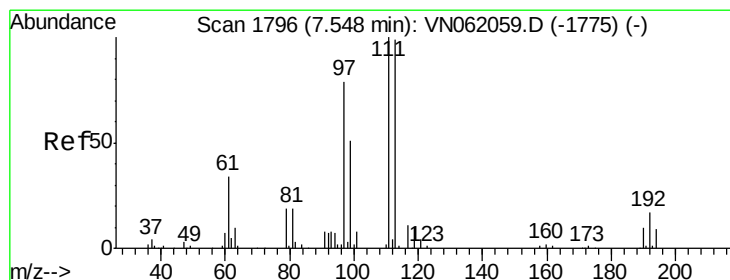
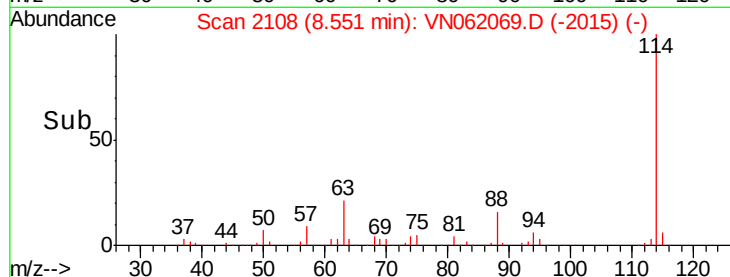
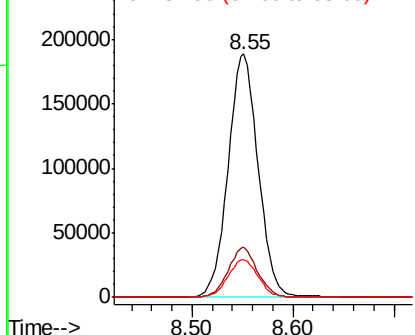
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 390467
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.7 0.0 30.8

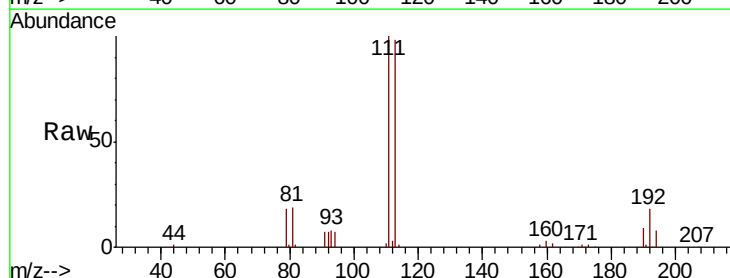


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

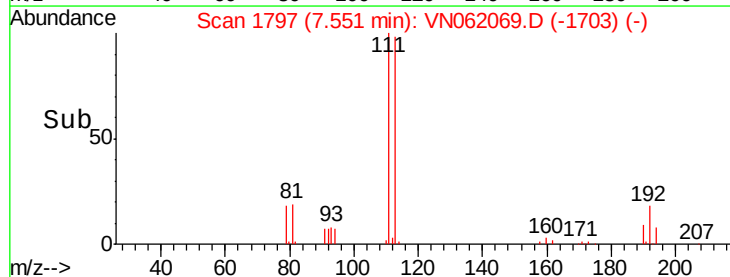
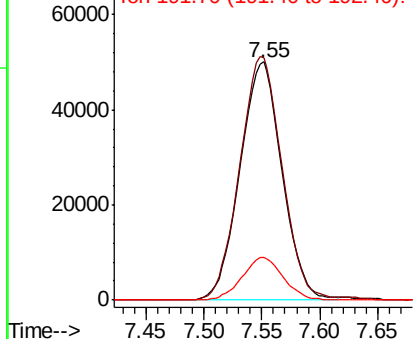


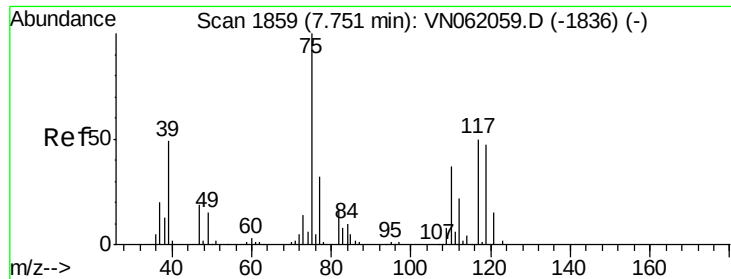
#35
Dibromofluoromethane
Concen: 50.369 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Tgt Ion:113 Resp: 126175
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.4 14.0 21.0



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: 4.397 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

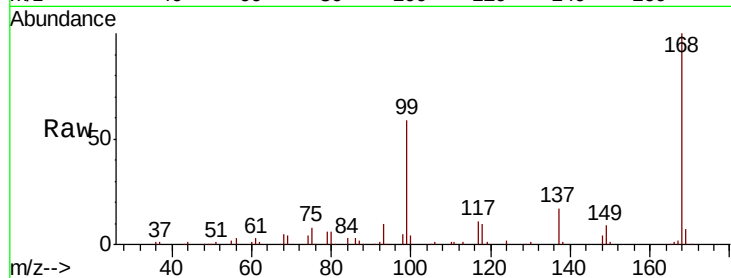
Tot Ion: 75 Resp: 17257

Ion Ratio Lower Upper

75 100

110 7.6 17.9 53.8#

77 0.0 24.9 37.3#

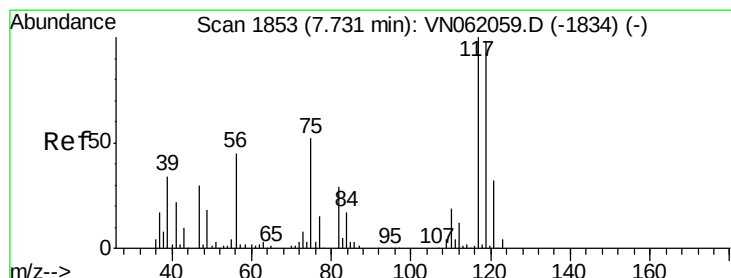
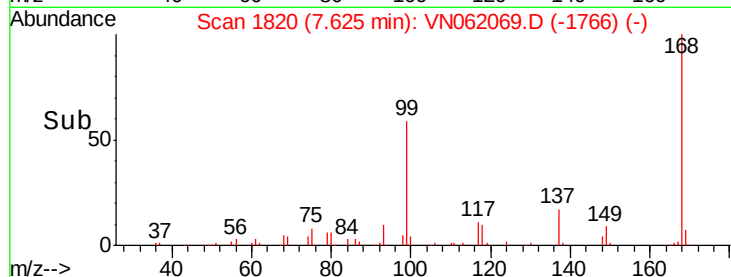


Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN062059.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN062059.D (-1836) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.658 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

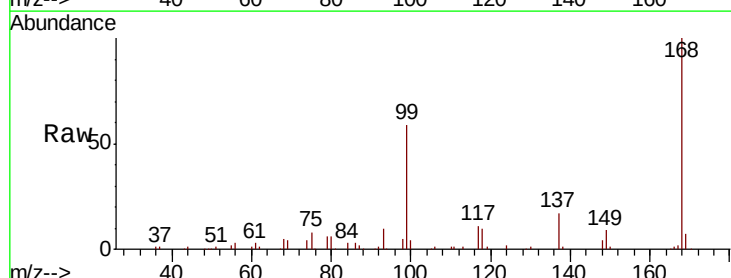
Tgt Ion: 117 Resp: 20934

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 25.8 38.6#

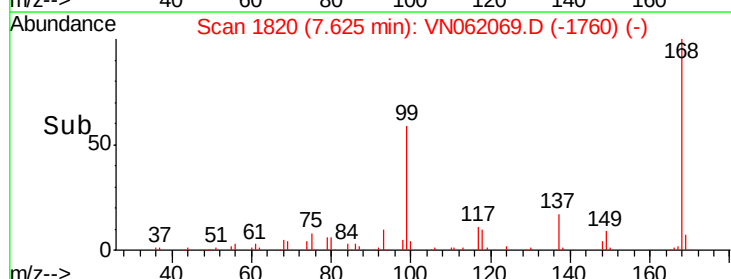


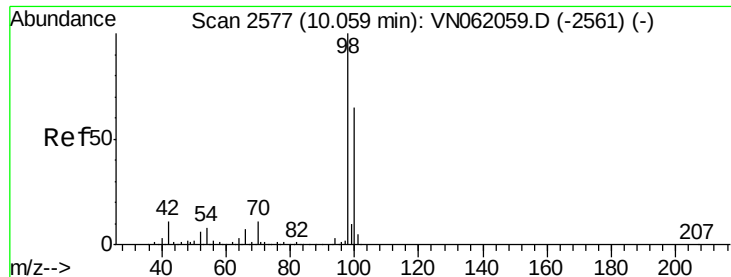
Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-1834) (-)

Ion 118.80 (118.50 to 119.50): VN062059.D (-1834) (-)

Ion 120.80 (120.50 to 121.50): VN062059.D (-1834) (-)

Time-->





#50

Toluene-d8

Concen: 49.748 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

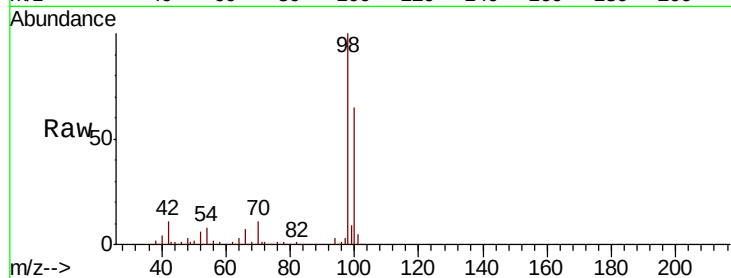
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 498151

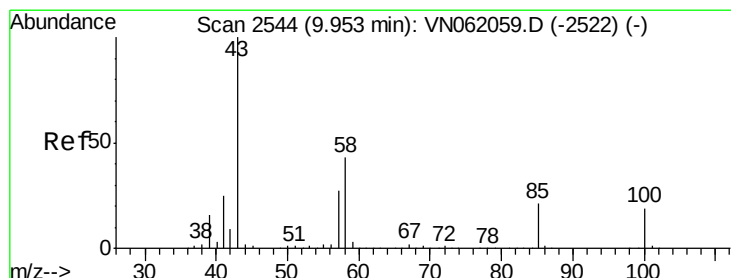
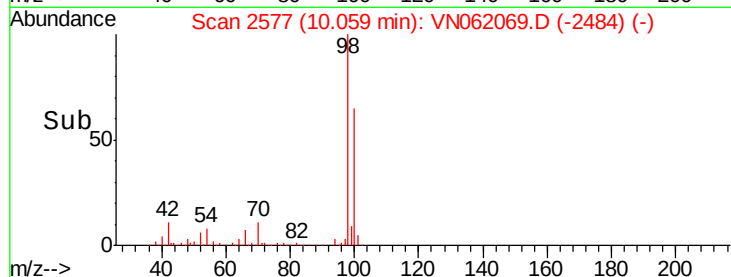
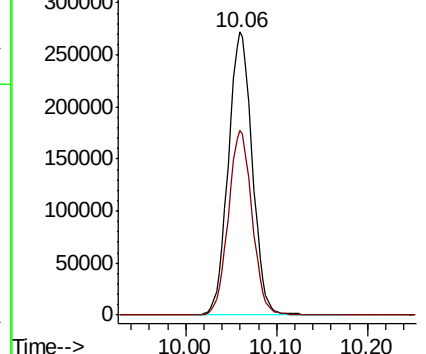
Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.753 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN062069.D

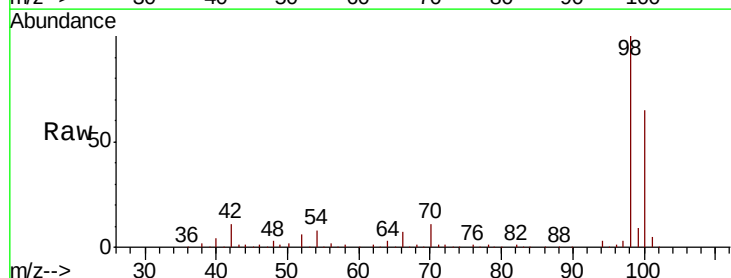
Acq: 24 Jun 2020 17:48

Tgt Ion: 43 Resp: 2331

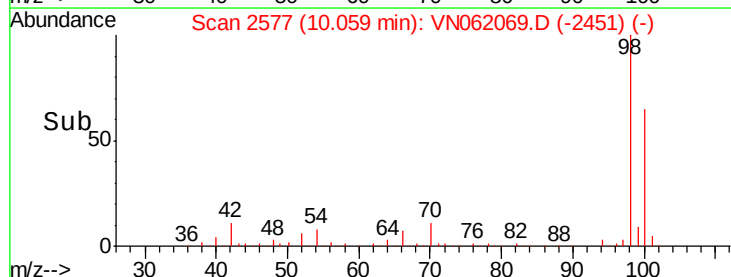
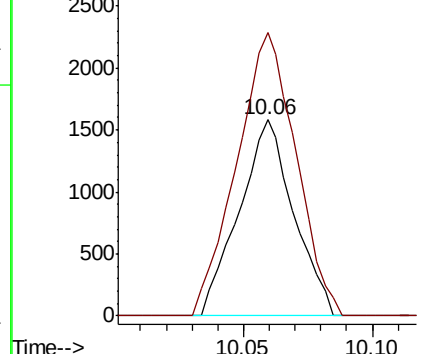
Ion Ratio Lower Upper

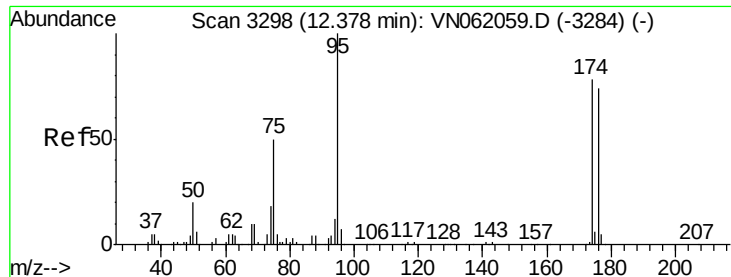
43 100

58 157.4 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

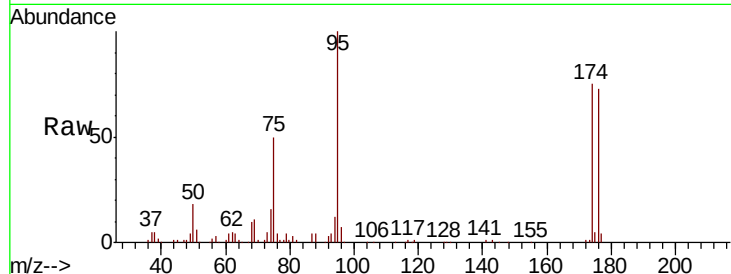




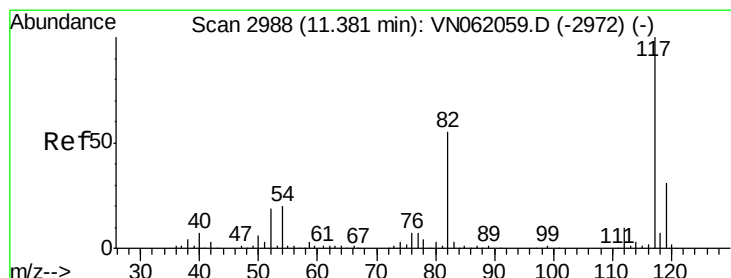
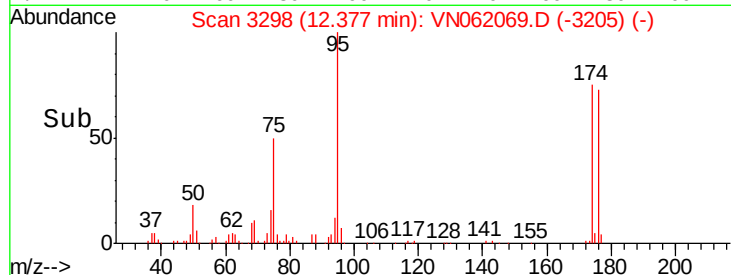
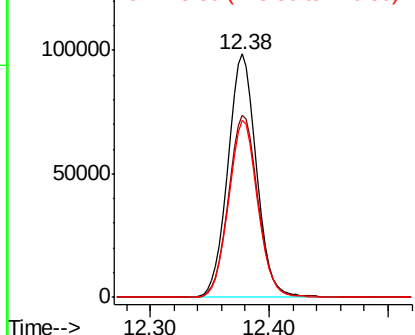
#62
4-Bromofluorobenzene
Concen: 48.532 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion: 95 Resp: 164190
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.8
176 73.9 0.0 147.4

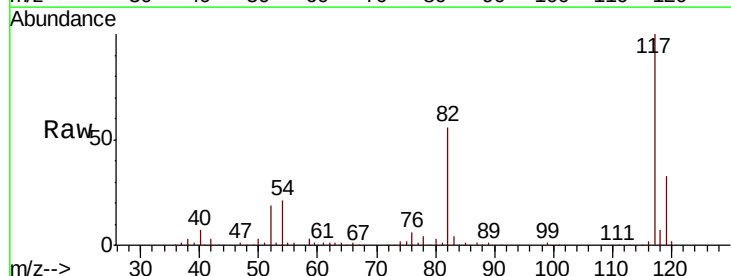


Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

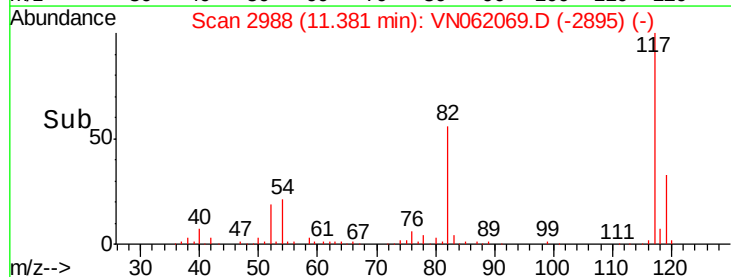
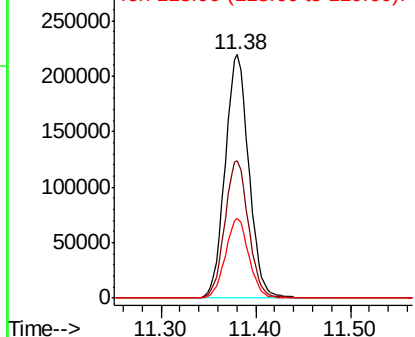


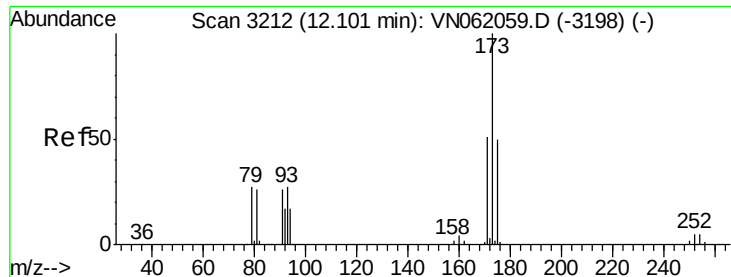
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Tgt Ion: 117 Resp: 382779
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 32.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062059.D (-2972) (-)
Ion 82.00 (81.70 to 82.70): VN062059.D (-2972) (-)
Ion 118.90 (118.60 to 119.60): VN062059.D (-2972) (-)





#71

Bromoform

Concen: 0.775 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN062069.D

Acq: 24 Jun 2020 17:48

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

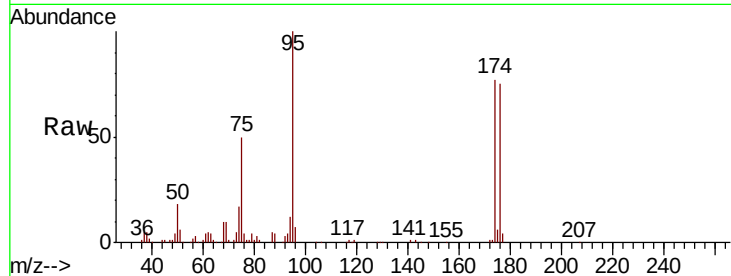
Tot Ion:173 Resp: 1601

Ion Ratio Lower Upper

173 100

175 452.8 24.7 74.1#

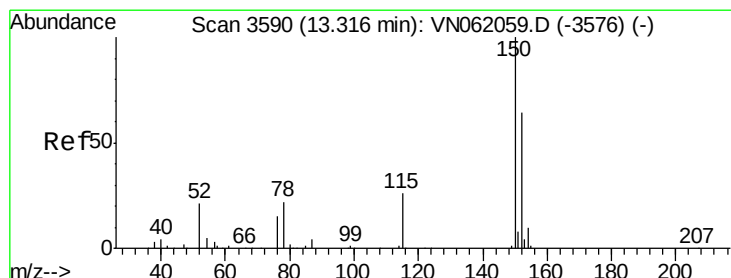
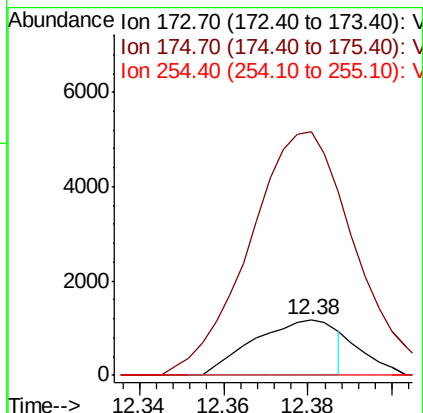
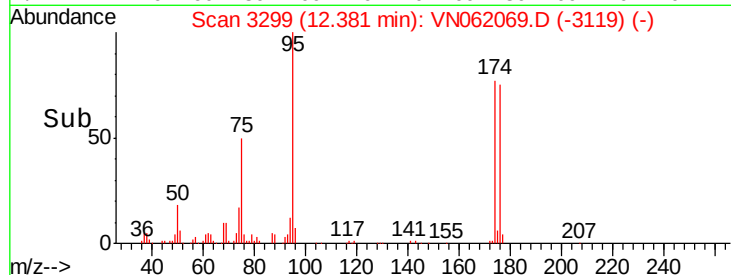
254 0.0 0.0 0.0



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: VN062069.D

Acq: 24 Jun 2020 17:48

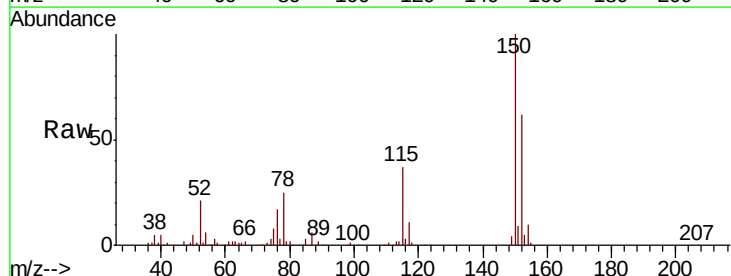
Tgt Ion:152 Resp: 145919

Ion Ratio Lower Upper

152 100

115 58.0 29.5 88.5

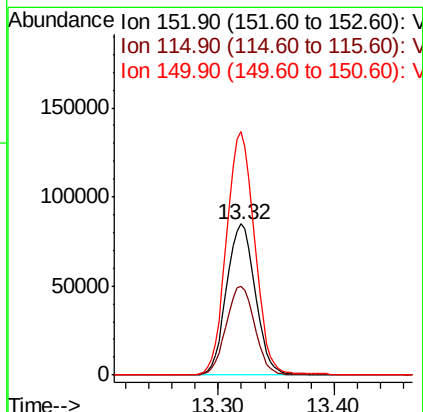
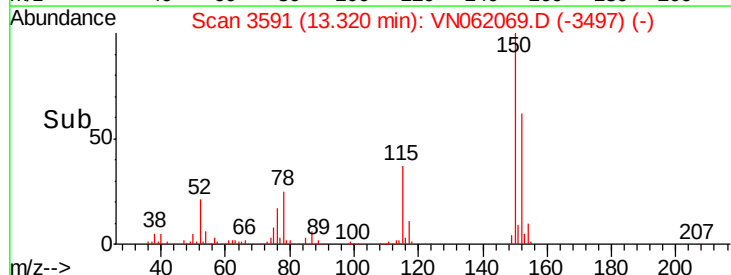
150 156.6 0.0 351.4

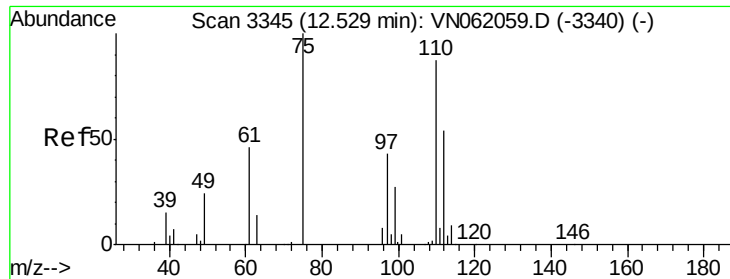


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

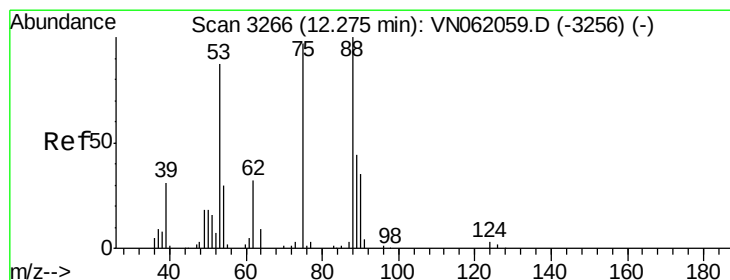
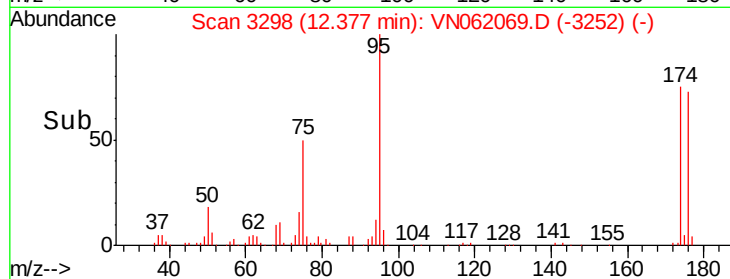
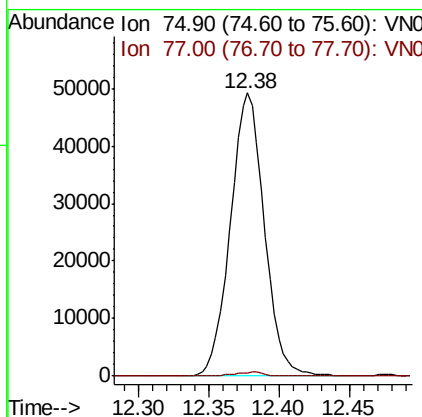
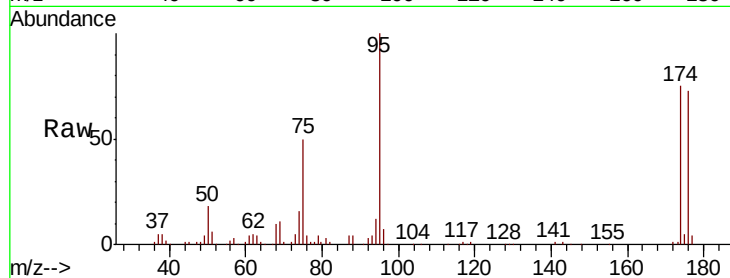




#76
 1,2,3-Trichloropropane
 Concen: 24.110 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062069.D
 Acq: 24 Jun 2020 17:48

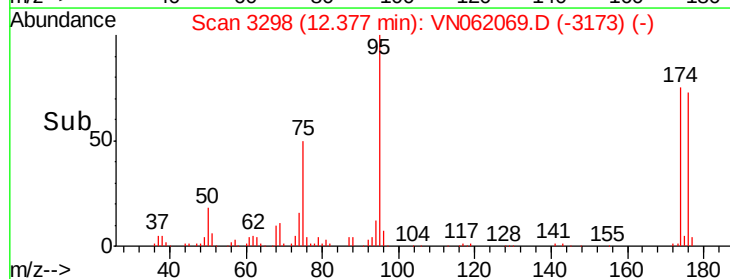
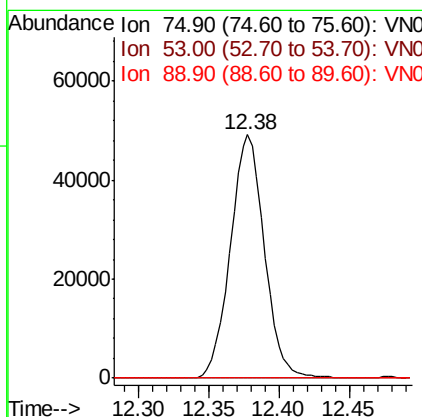
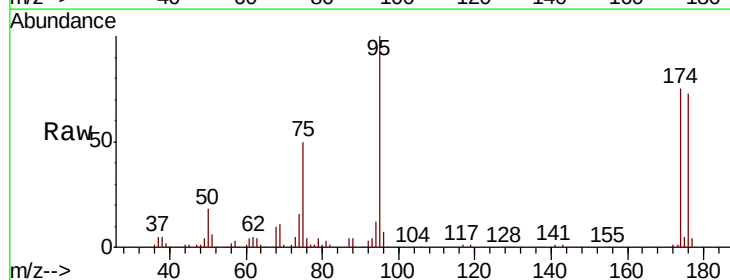
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

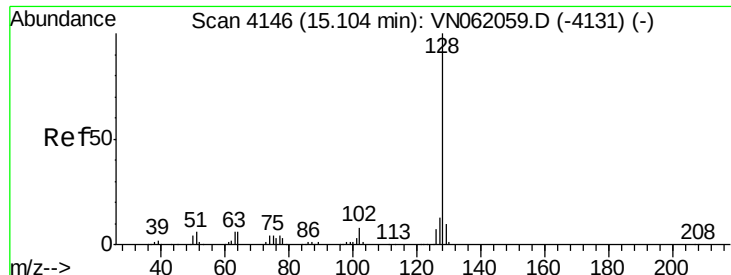
Tot Ion: 75 Resp: 82818
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.409 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062069.D
 Acq: 24 Jun 2020 17:48

Tgt Ion: 75 Resp: 82818
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 4.100 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062069.D
Acq: 24 Jun 2020 17:48

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	13.0#

