

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064880.D
 Acq On : 1 Dec 2020 14:16
 Operator : JC/MD
 Sample : L4908-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 02 00:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	157782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	287414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99580	54.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.58%
35) Dibromofluoromethane	7.55	113	90620	52.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.38%
50) Toluene-d8	10.06	98	351552	50.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.06%
62) 4-Bromofluorobenzene	12.38	95	133708	53.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.34%

Target Compounds

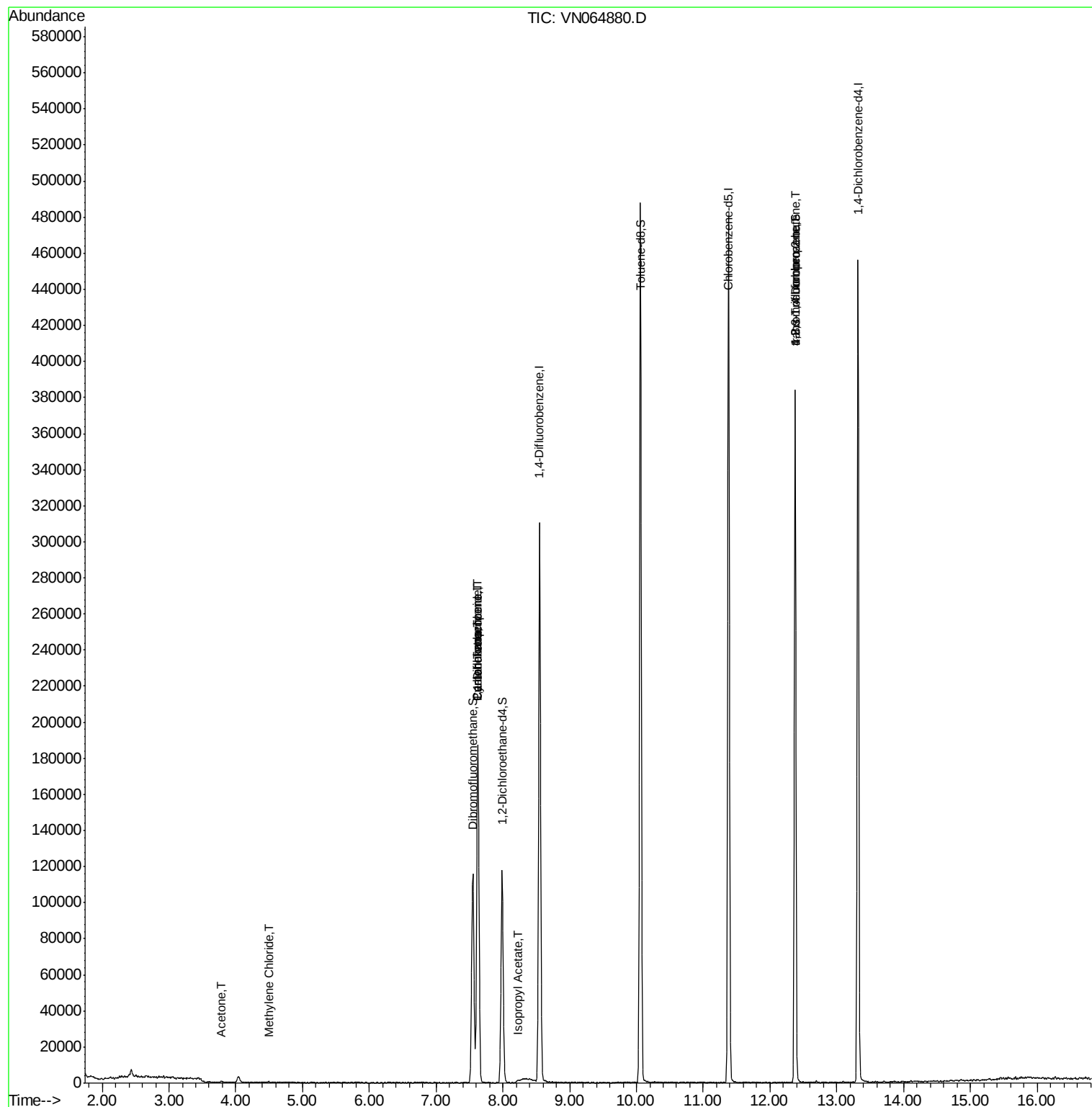
					Qvalue	
16) Acetone	3.79	43	804	1.333	ug/l #	43
20) Methylene Chloride	4.50	84	389	0.206	ug/l #	49
31) Cyclohexane	7.62	56	2785	1.089	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10894	4.089	ug/l #	49
38) Carbon Tetrachloride	7.63	117	14945	5.392	ug/l #	16
43) Isopropyl Acetate	8.24	43	1421	0.344	ug/l #	59
76) 1,2,3-Trichloropropane	12.38	75	63692	22.923	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	63692	62.827	ug/l #	15

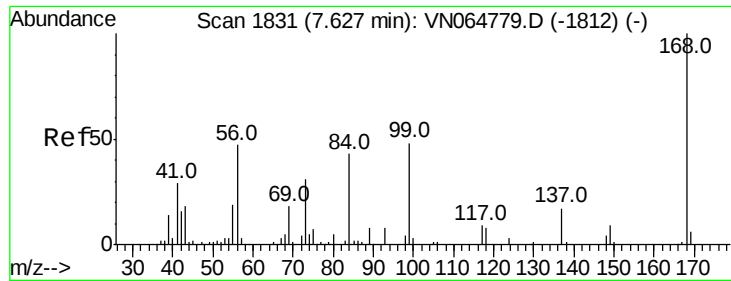
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 00:17:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

Instrument :

MSVOA_N

ClientSampleId :

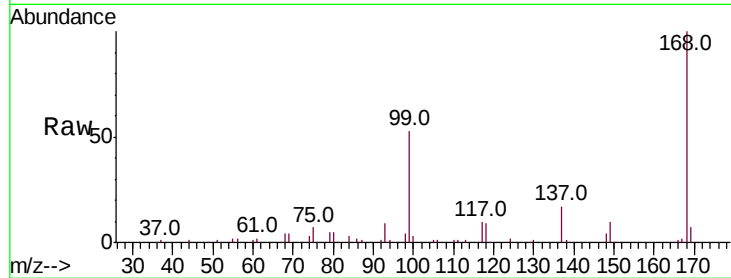
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 157782

Ion Ratio Lower Upper

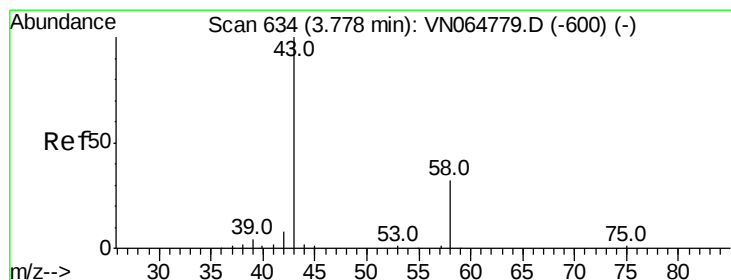
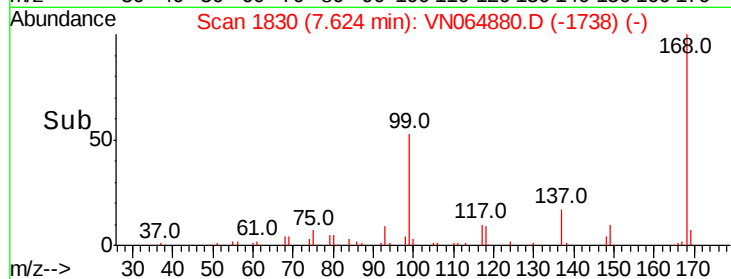
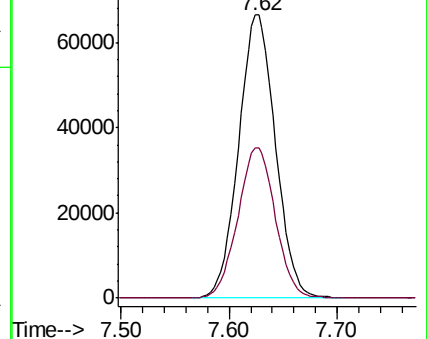
168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)



#16

Acetone

Concen: 1.333 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064880.D

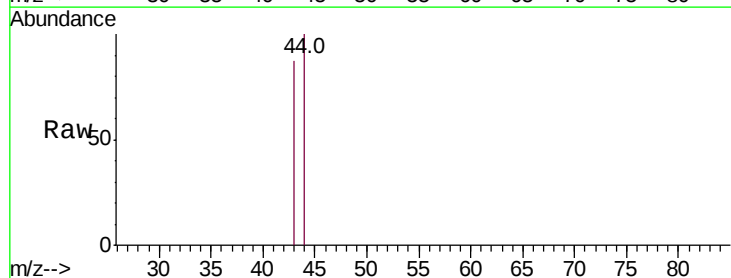
Acq: 1 Dec 2020 14:16

Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

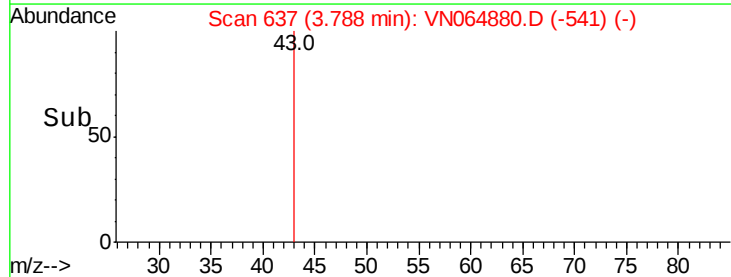
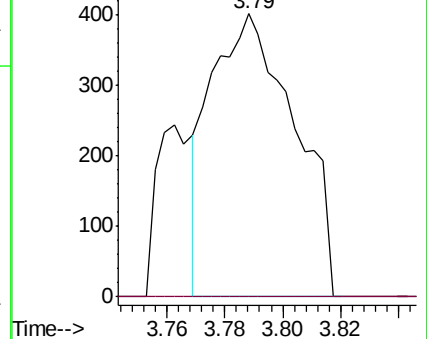
43 100

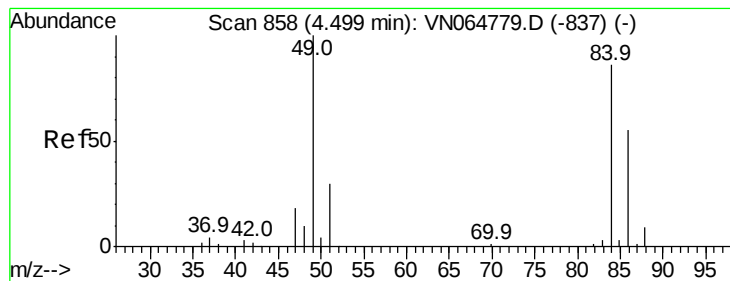
58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)





#20

Methvlene Chloride

Concen: 0.206 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tot Ion: 84 Resp: 389

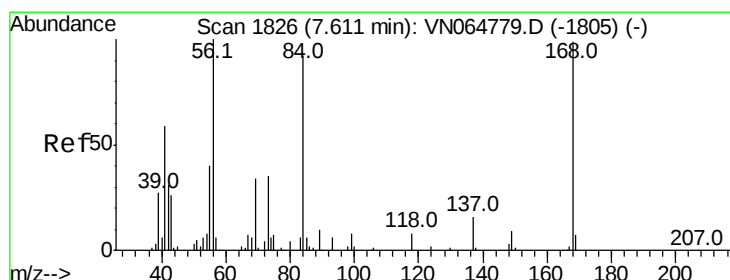
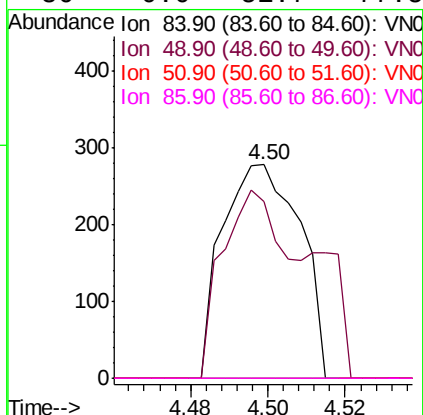
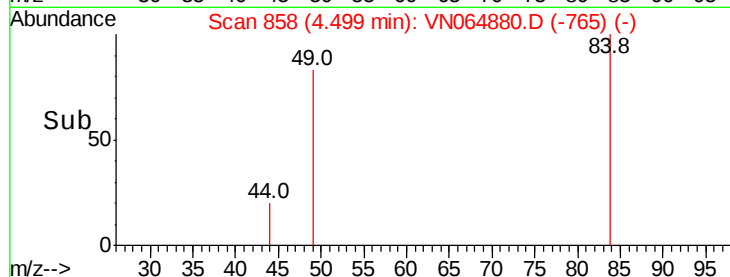
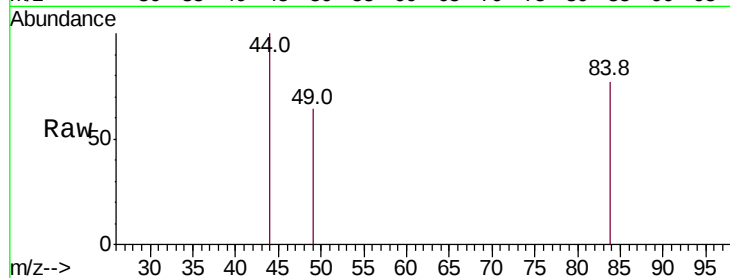
Ion Ratio Lower Upper

84 100

49 82.7 93.4 140.0#

51 0.0 28.2 42.4#

86 0.0 51.7 77.5#



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

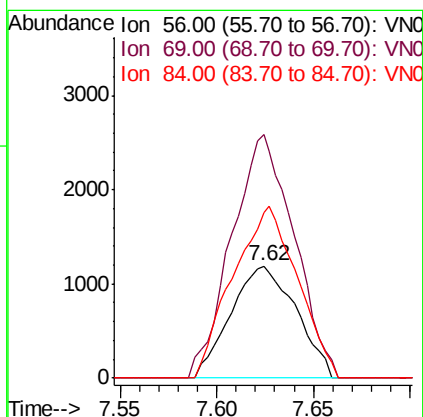
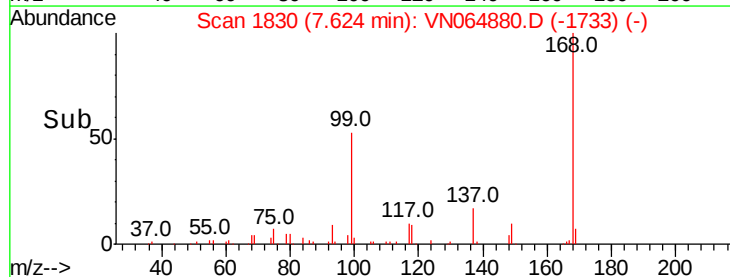
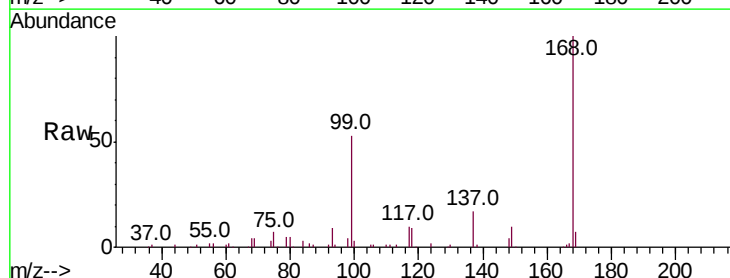
Tgt Ion: 56 Resp: 2785

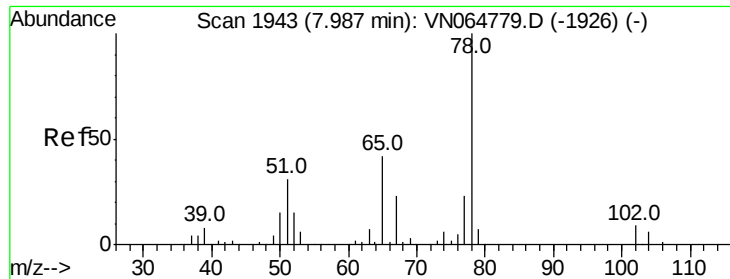
Ion Ratio Lower Upper

56 100

69 217.7 27.5 41.3#

84 147.7 73.9 110.9#

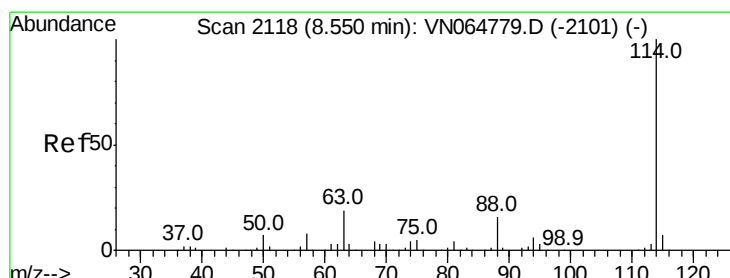
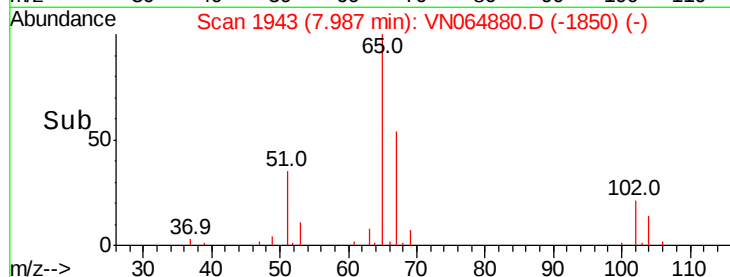
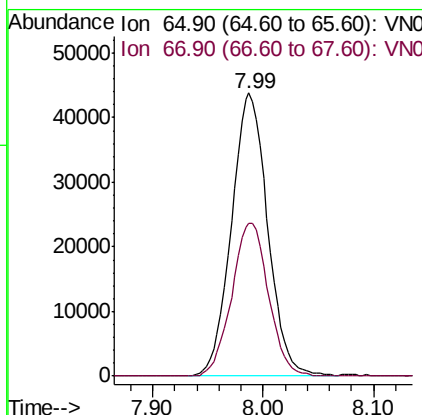
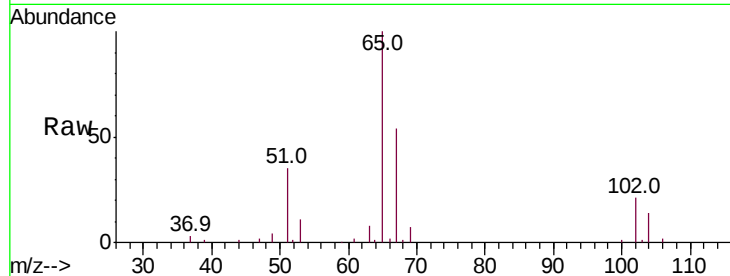




#33
 1,2-Dichloroethane-d4
 Concen: 54.287 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064880.D
 Acq: 1 Dec 2020 14:16

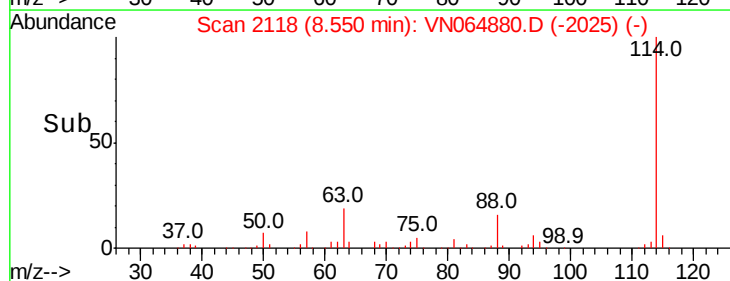
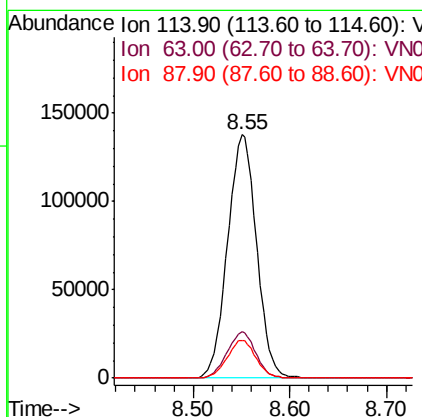
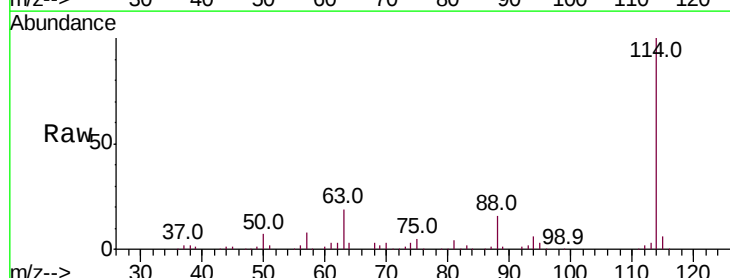
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

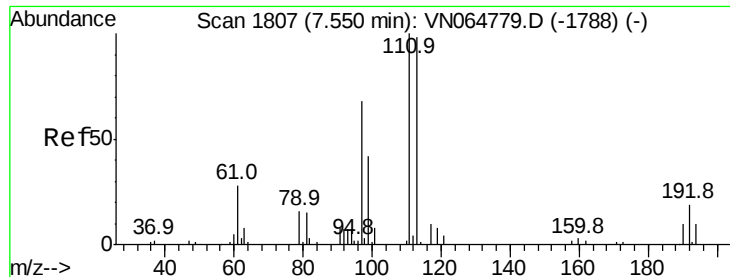
Tot Ion: 65 Resp: 99580
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064880.D
 Acq: 1 Dec 2020 14:16

Tgt Ion: 114 Resp: 287414
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.692 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

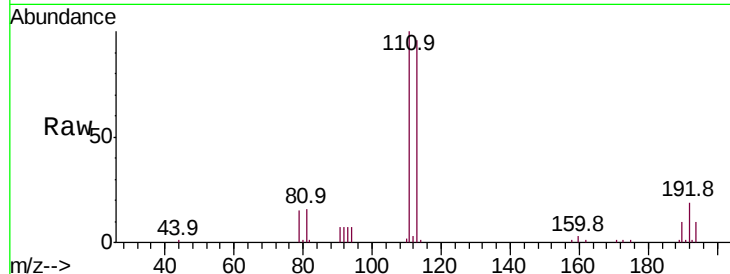
Tot Ion:113 Resp: 90620

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

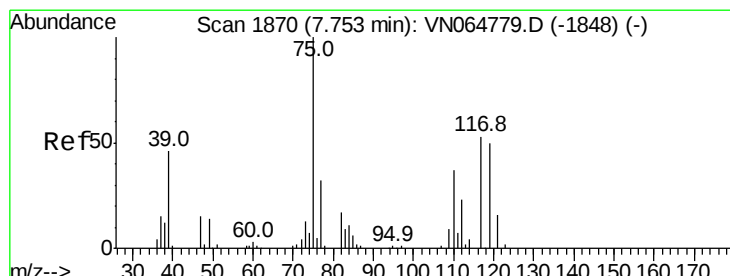
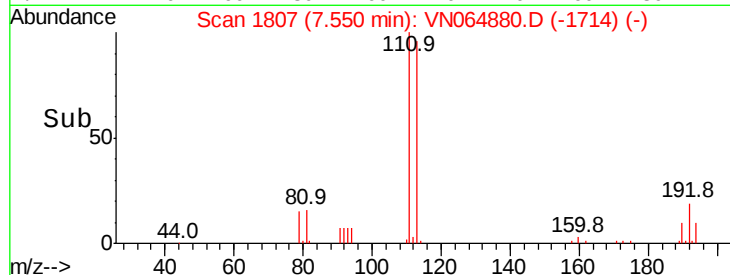
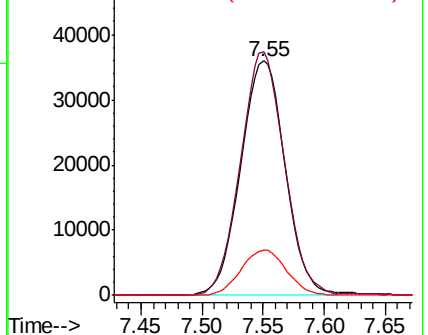
192 19.7 16.2 24.2



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: 4.089 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

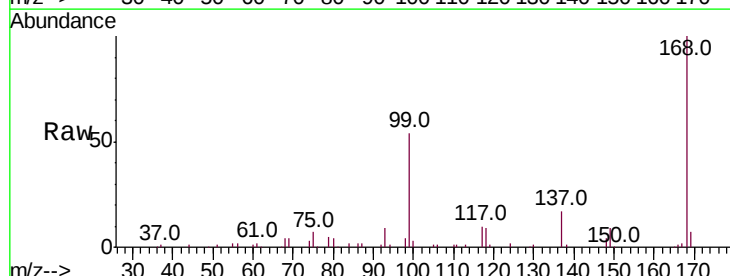
Tgt Ion: 75 Resp: 10894

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.3#

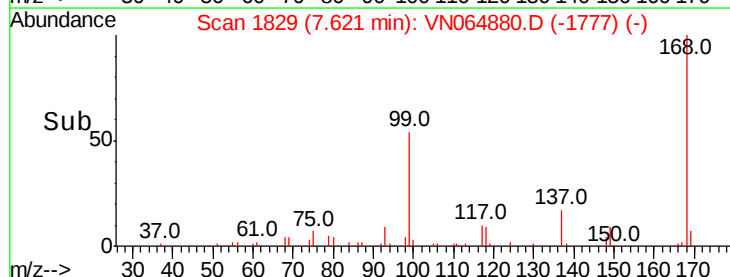
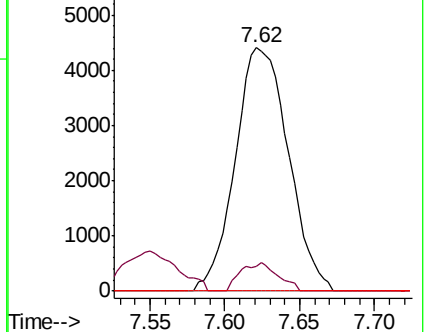
77 0.0 25.0 37.4#

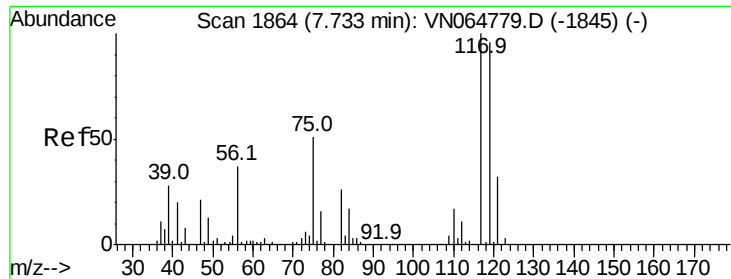


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.392 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

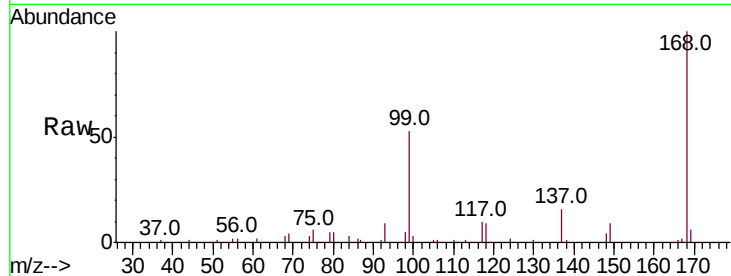
Tot Ion:117 Resp: 14945

Ion Ratio Lower Upper

117 100

119 5.0 76.7 115.1#

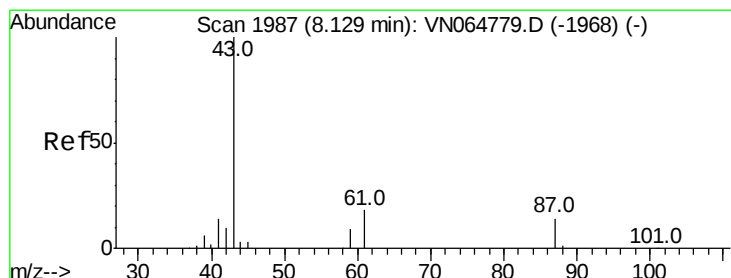
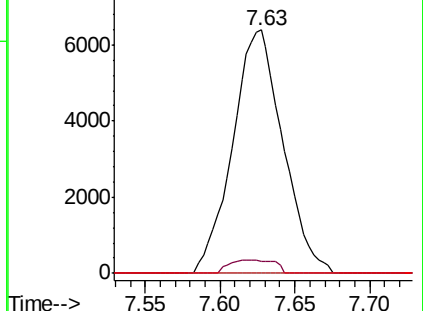
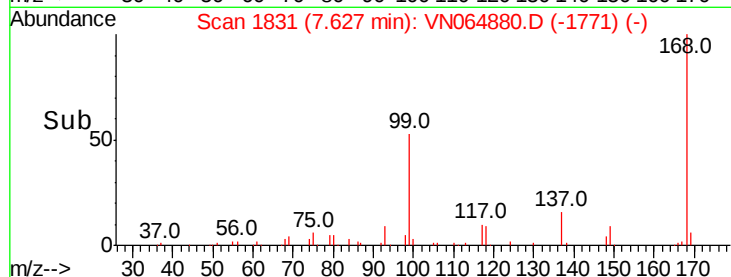
121 0.0 25.4 38.2#



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



#43

Isopropyl Acetate

Concen: 0.344 ug/l

RT: 8.24 min Scan# 2020

Delta R.T. 0.11 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

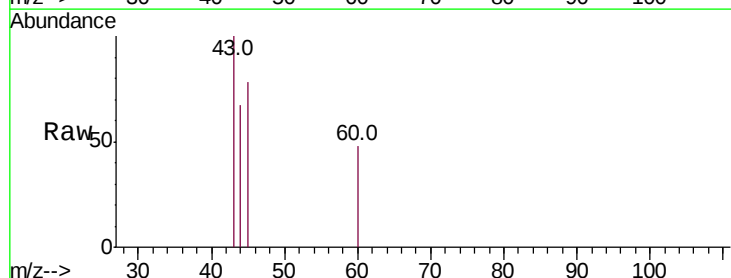
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

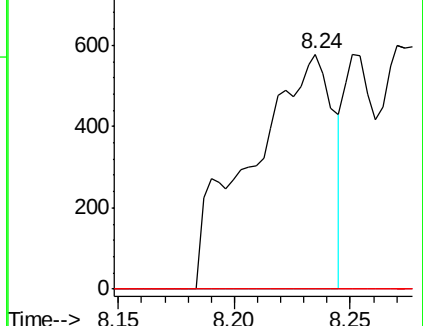
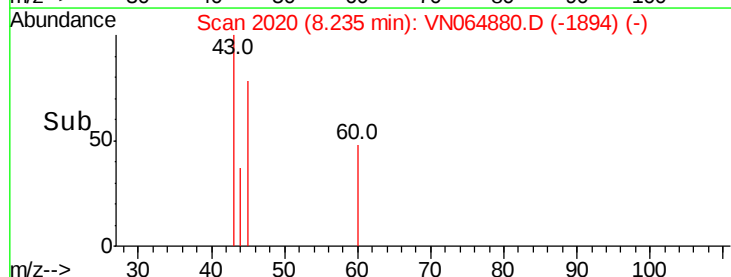
87 0.0 11.4 17.0#

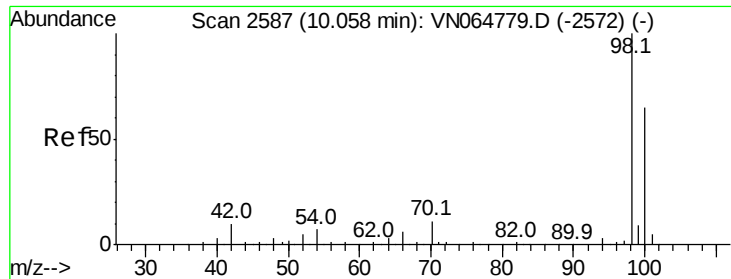


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 50.029 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

Instrument :

MSVOA_N

ClientSampleId :

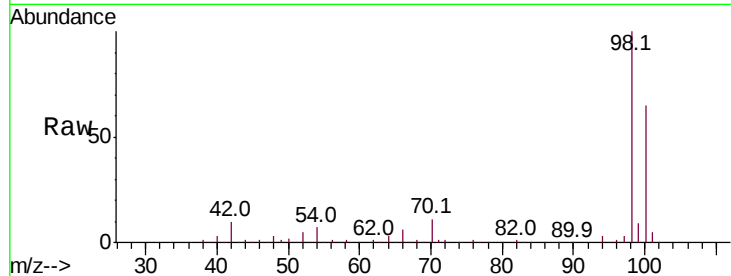
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 351552

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

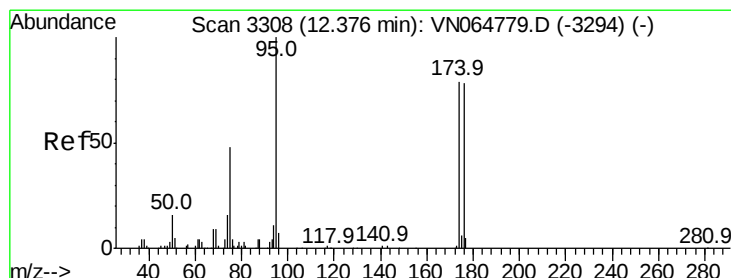
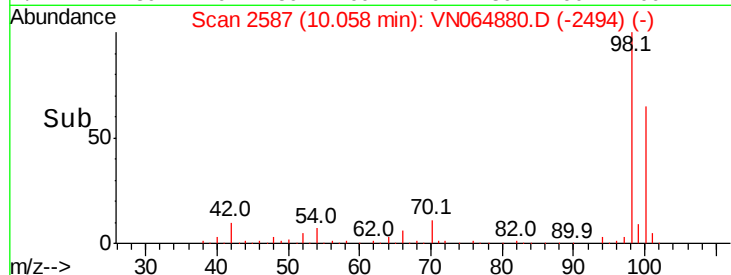
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.168 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064880.D

Acq: 1 Dec 2020 14:16

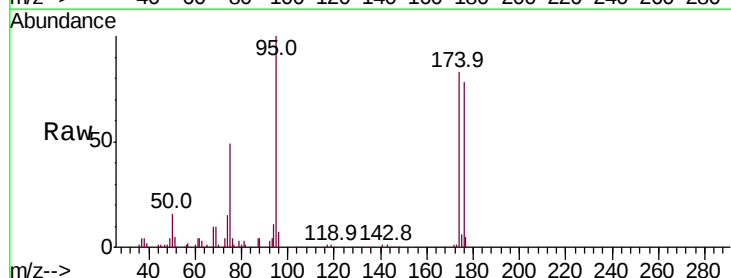
Tgt Ion: 95 Resp: 133708

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.4

176 79.6 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

100000

80000

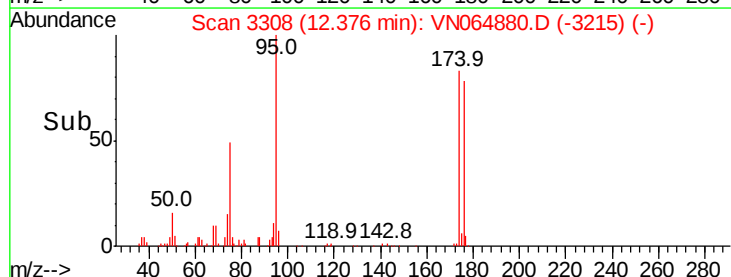
60000

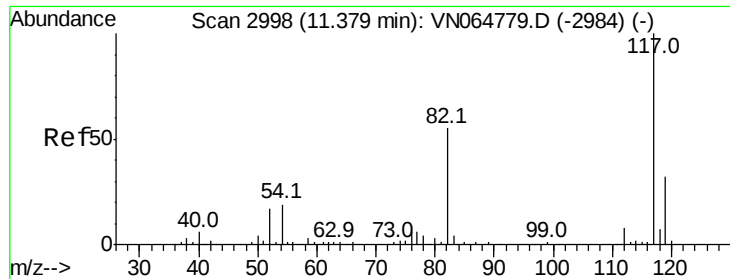
40000

20000

0

Time-->

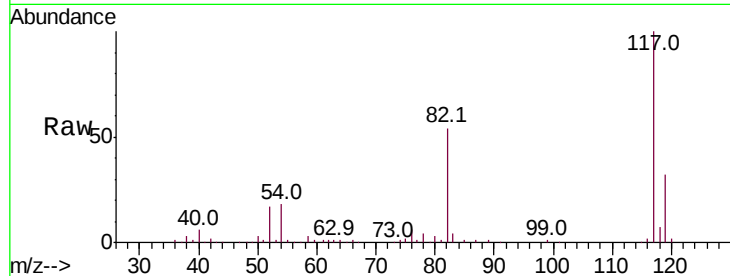




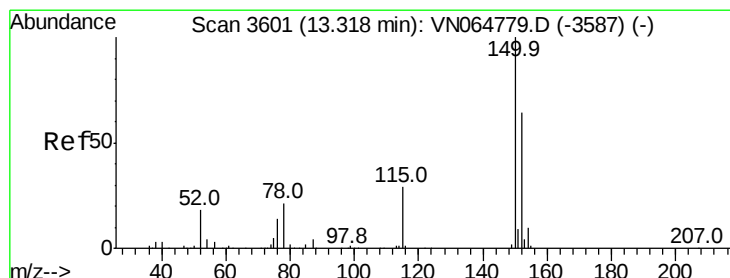
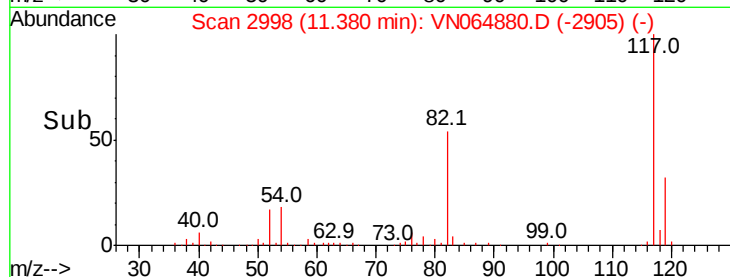
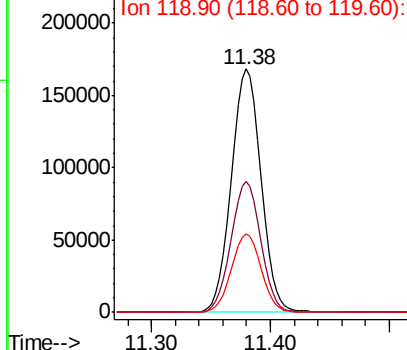
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064880.D
Acq: 1 Dec 2020 14:16

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 291588
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.0 25.8 38.6

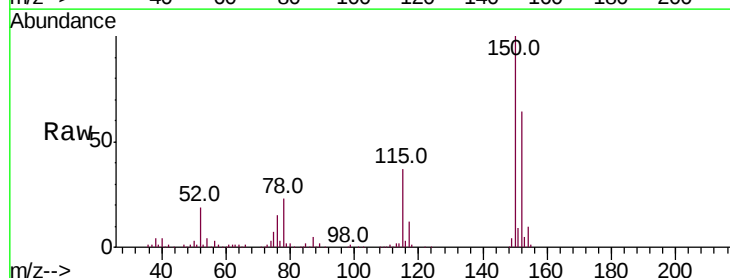


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

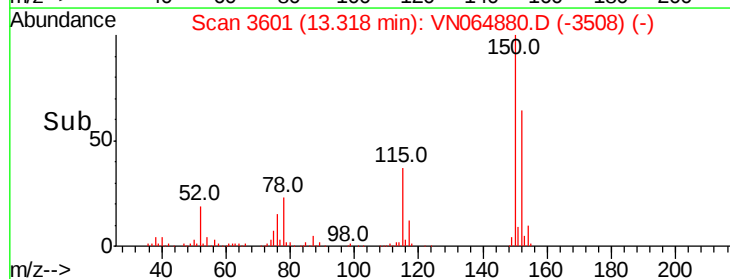
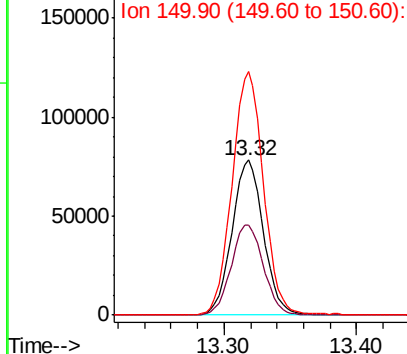


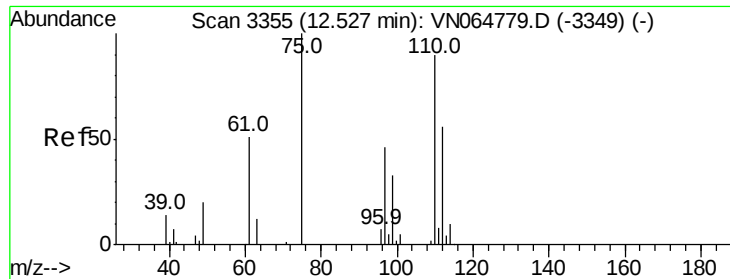
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064880.D
Acq: 1 Dec 2020 14:16

Tgt Ion:152 Resp: 129018
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 156.9 0.0 350.6



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

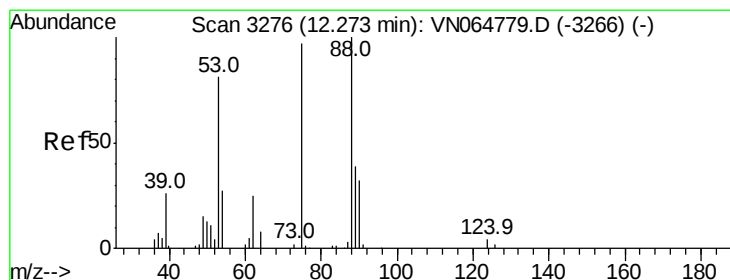
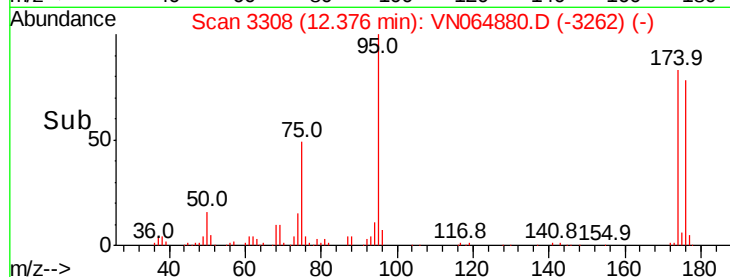
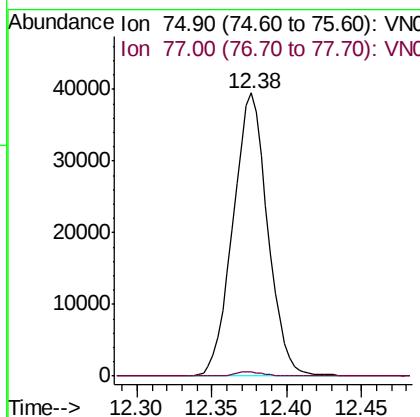
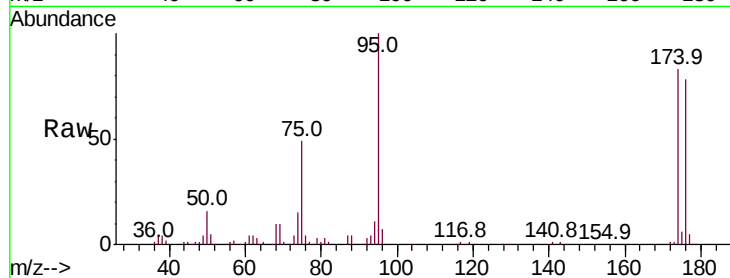




#76
1,2,3-Trichloropropane
Concen: 22.923 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064880.D
Acq: 1 Dec 2020 14:16

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 63692
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.827 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064880.D
Acq: 1 Dec 2020 14:16

Tgt Ion: 75 Resp: 63692
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

