

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073369.D
 Acq On : 07 Jul 2022 14:18
 Operator : JC\MD
 Sample : N3574-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 08 03:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	281816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	474957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	437633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187098	45.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.980%
35) Dibromofluoromethane	7.957	113	156891	49.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	10.381	98	507070	45.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.669	95	212453	49.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%

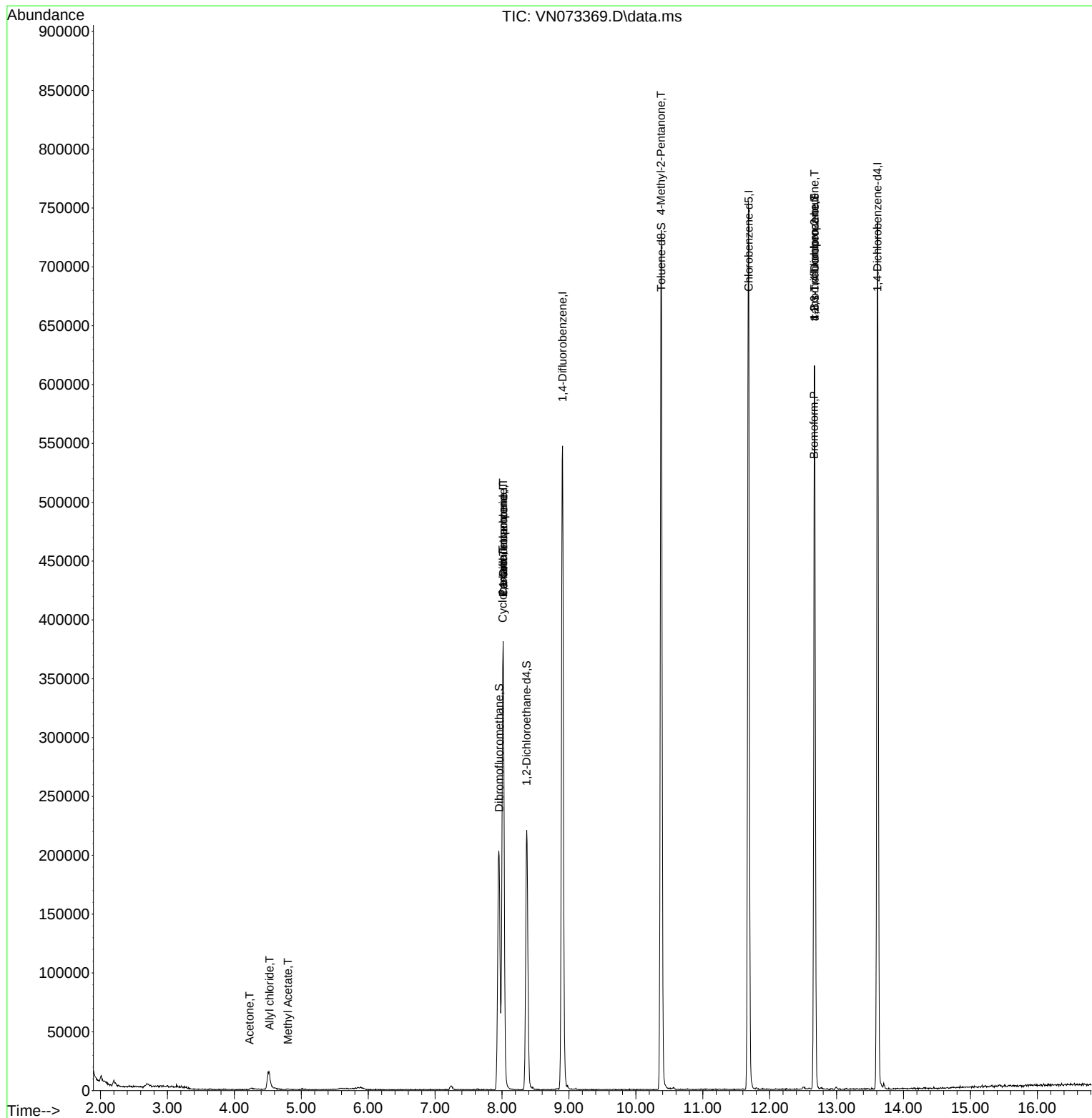
Target Compounds						Qvalue
14) Allyl chloride	4.528	41	3392	0.485	ug/l #	24
16) Acetone	4.228	43	674	0.295	ug/l #	42
18) Methyl Acetate	4.799	43	1341	0.210	ug/l #	48
31) Cyclohexane	8.010	56	6541	0.982	ug/l #	16
36) 1,1-Dichloropropene	8.016	75	25471	5.239	ug/l #	49
38) Carbon Tetrachloride	8.016	117	29723	5.911	ug/l #	19
51) 4-Methyl-2-Pentanone	10.375	43	2743	0.410	ug/l #	1
71) Bromoform	12.663	173	1084	0.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	111731	21.517	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	111731	59.010	ug/l #	10

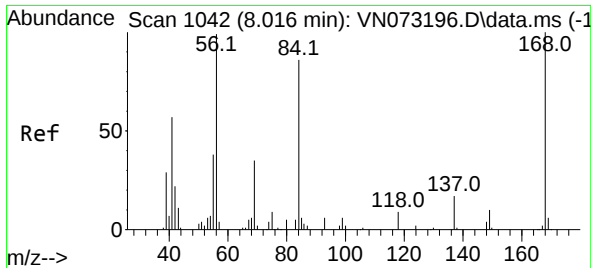
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
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Quant Time: Jul 08 03:01:30 2022
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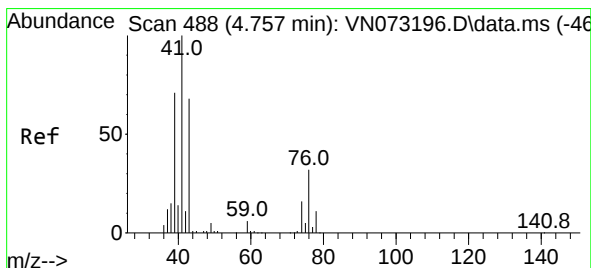
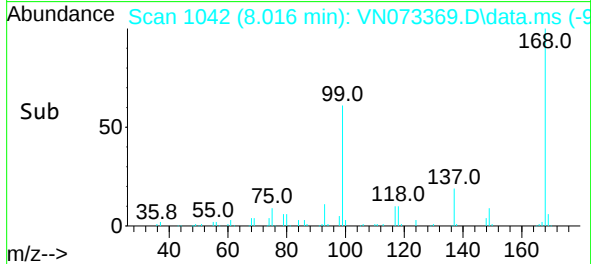
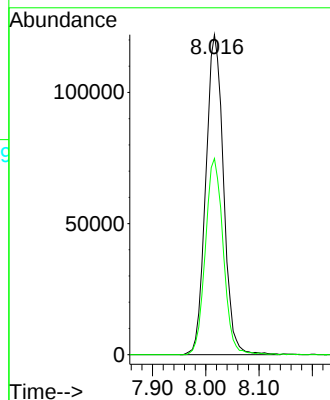
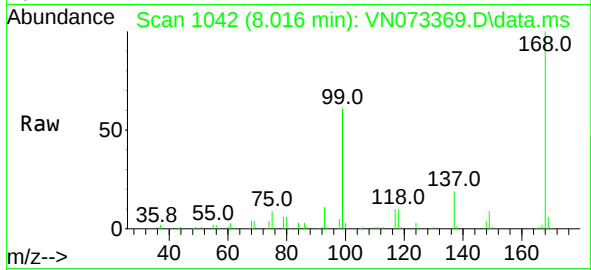




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

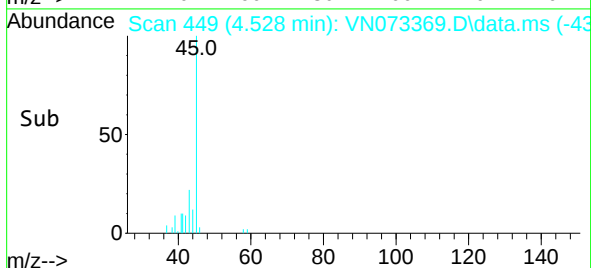
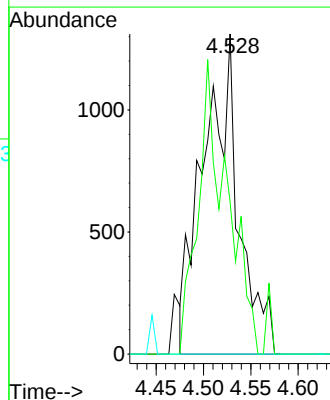
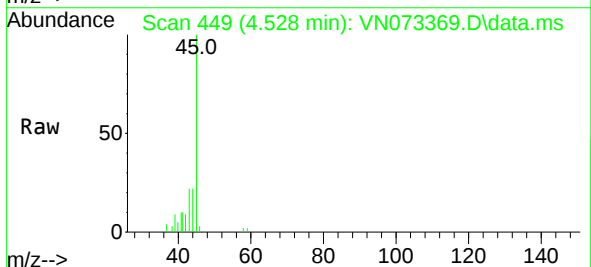
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

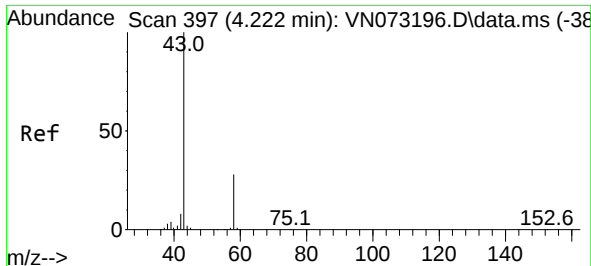
Tgt Ion:168 Resp: 281816
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#14
Allyl chloride
Concen: 0.485 ug/l
RT: 4.528 min Scan# 449
Delta R.T. -0.229 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 41 Resp: 3392
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

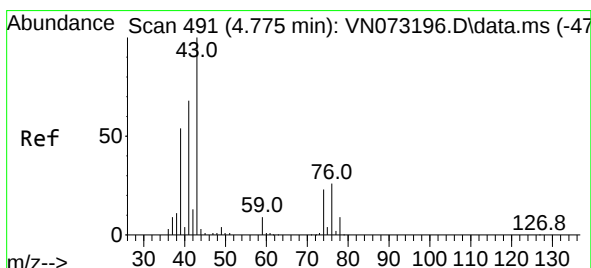
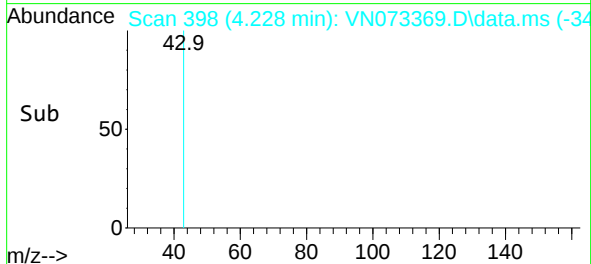
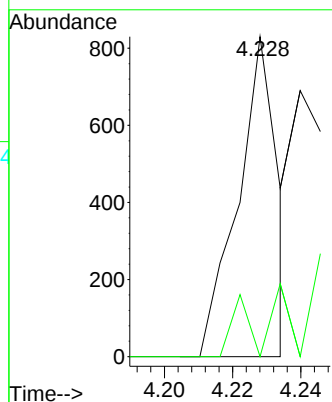
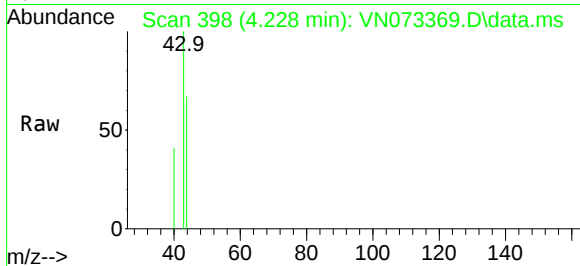




#16
Acetone
Concen: 0.295 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

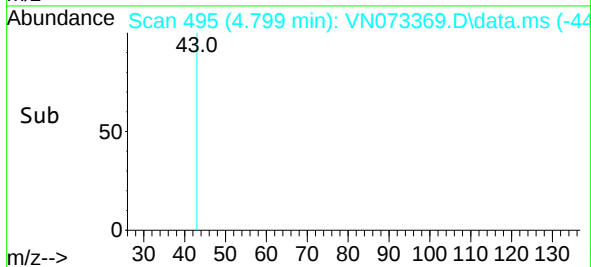
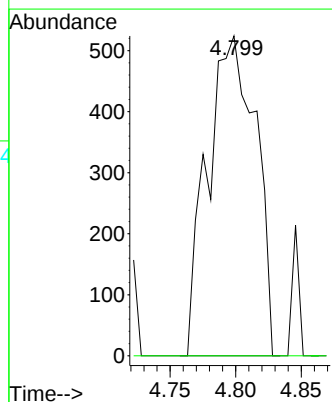
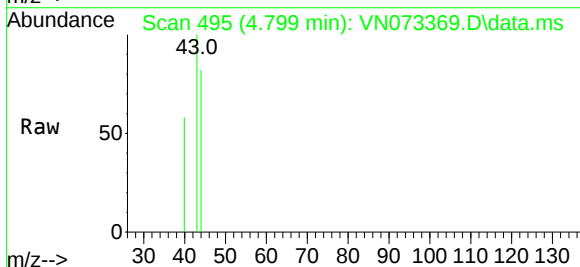
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

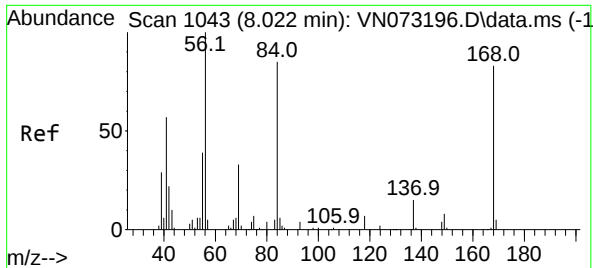
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 4.799 min Scan# 495
Delta R.T. 0.024 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

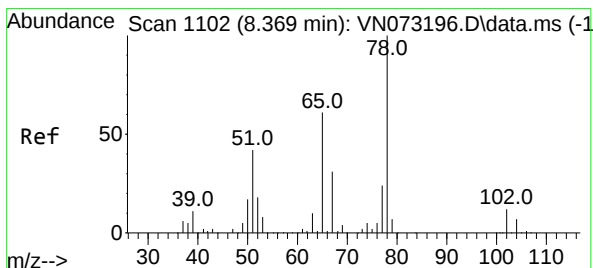
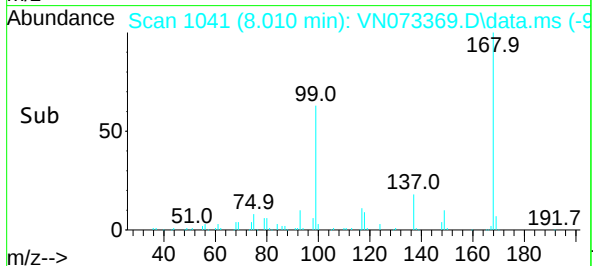
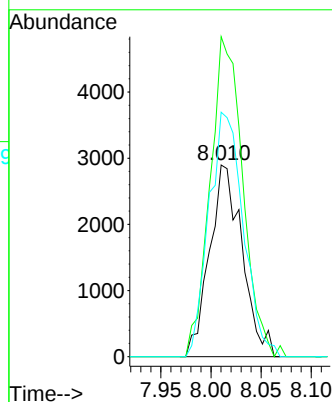
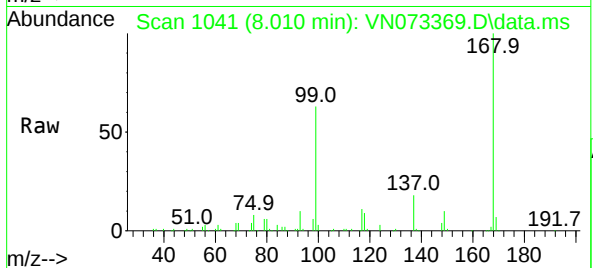




#31
Cyclohexane
Concen: 0.982 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

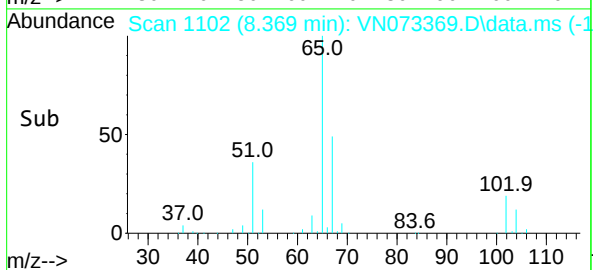
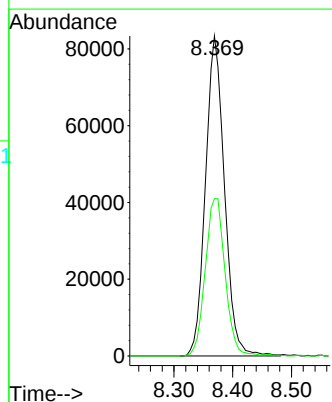
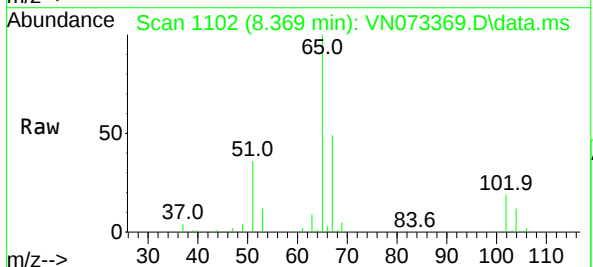
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

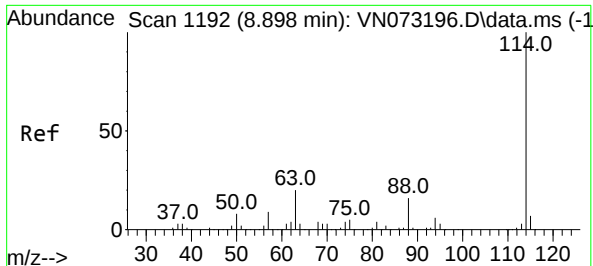
Tgt Ion: 56 Resp: 6541
Ion Ratio Lower Upper
56 100
69 167.0 27.8 41.8#
84 127.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 65 Resp: 187098
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

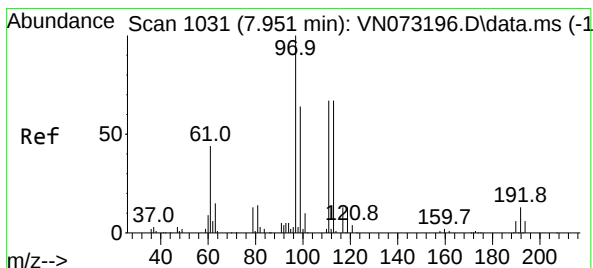
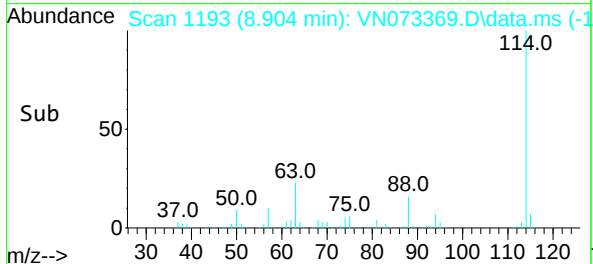
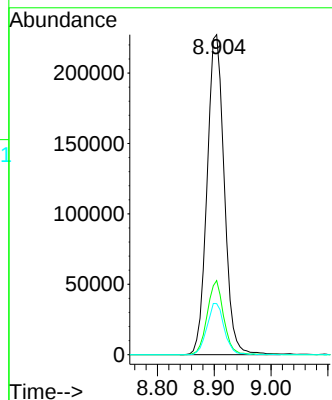
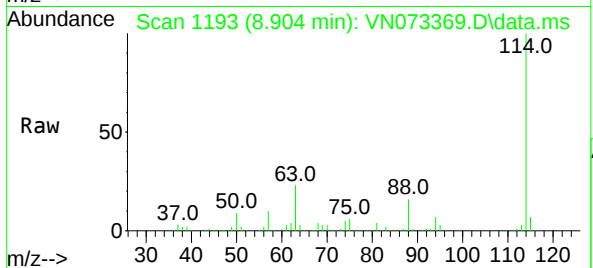
Tgt Ion:114 Resp: 474957

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.650 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

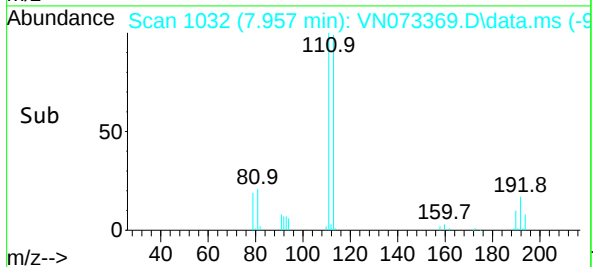
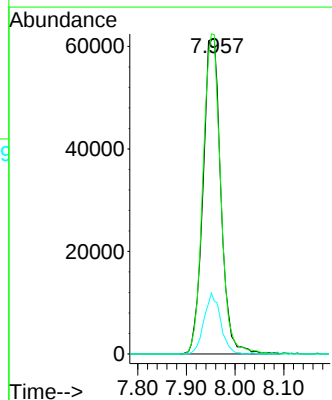
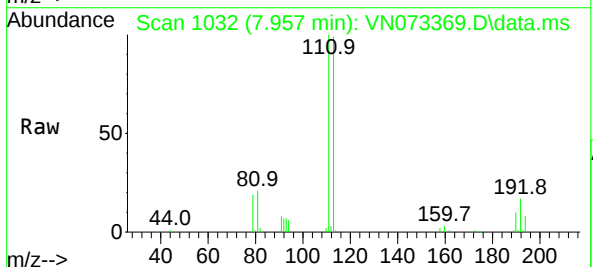
Tgt Ion:113 Resp: 156891

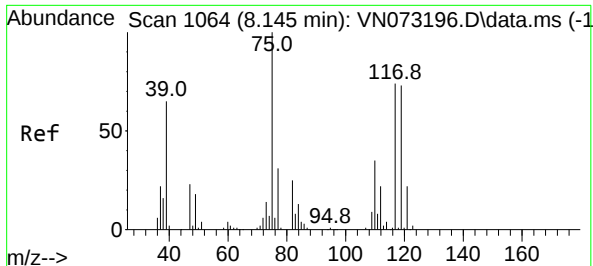
Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

192 17.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.239 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

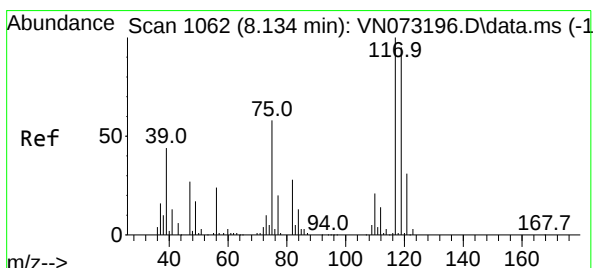
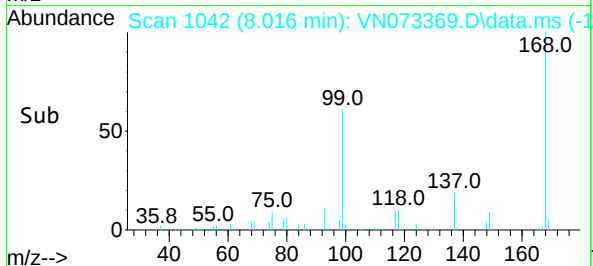
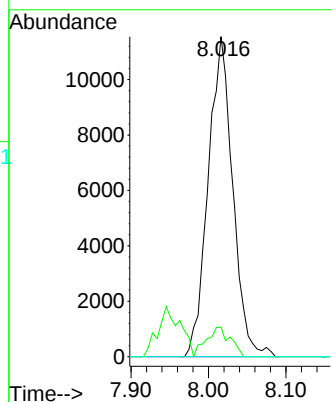
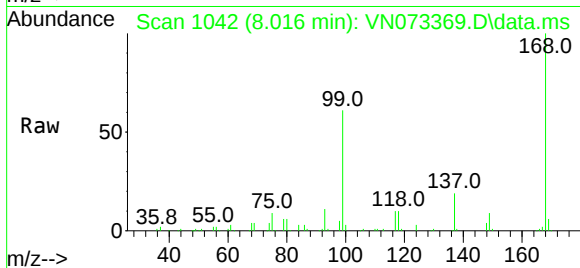
Tgt Ion: 75 Resp: 25471

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.911 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

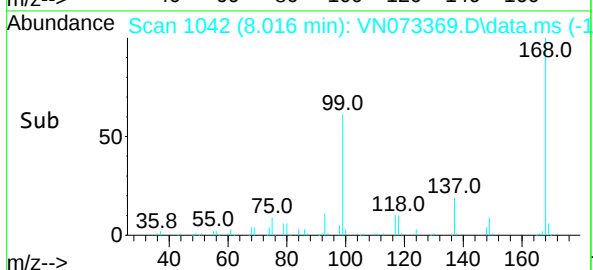
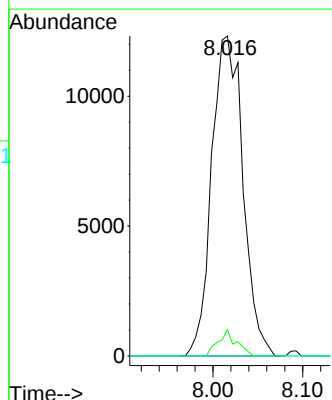
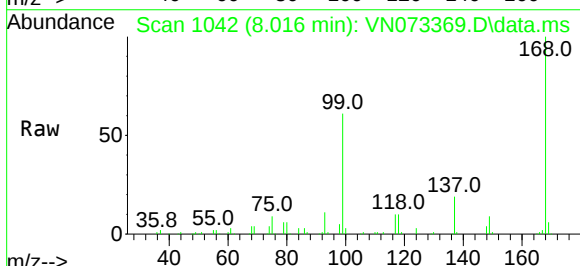
Tgt Ion: 117 Resp: 29723

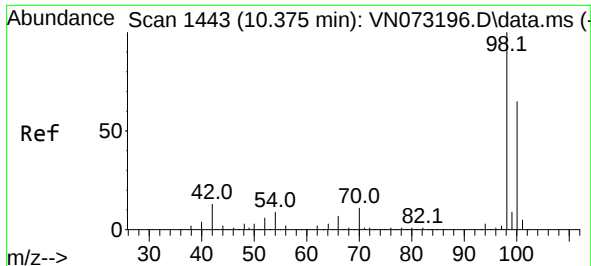
Ion Ratio Lower Upper

117 100

119 8.3 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 45.181 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

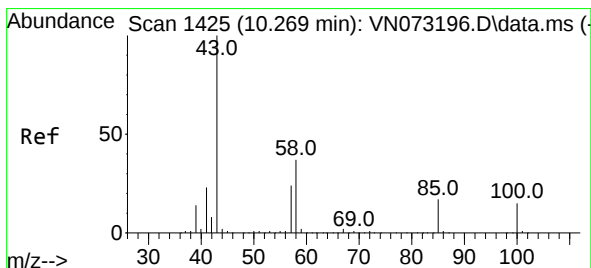
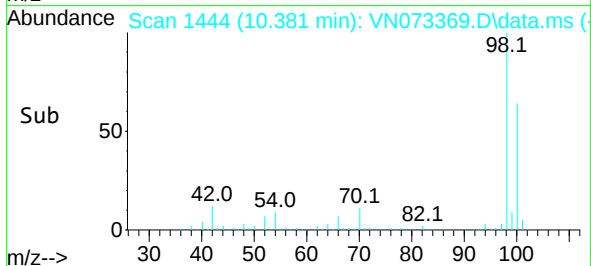
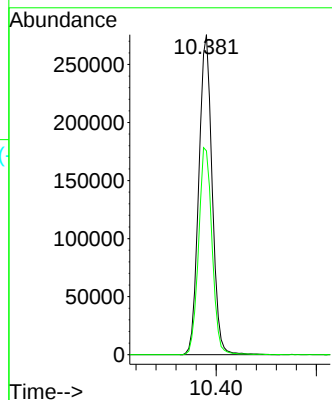
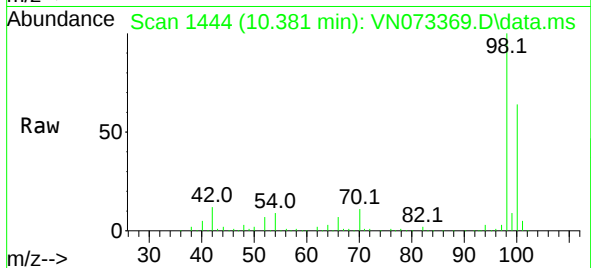
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 507070

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.410 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.106 min

Lab File: VN073369.D

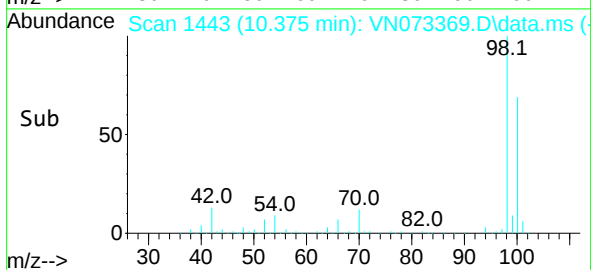
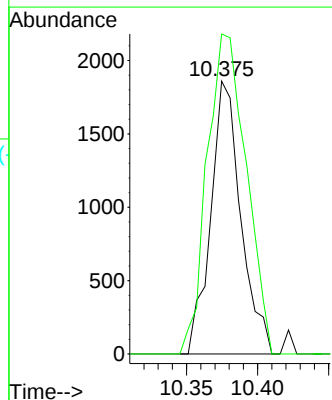
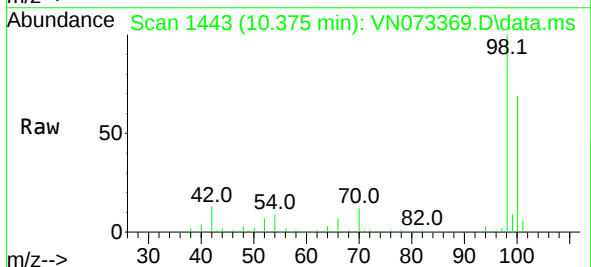
Acq: 07 Jul 2022 14:18

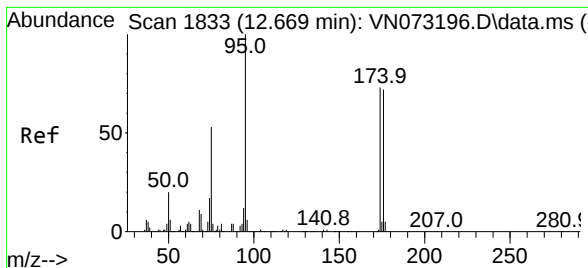
Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

43 100

58 152.4 34.1 51.1#

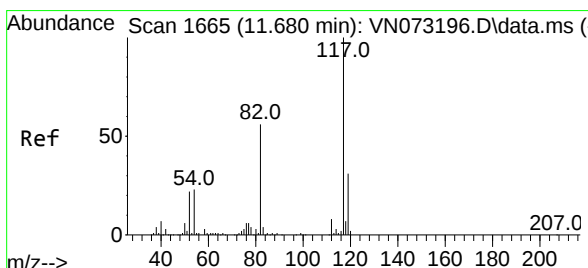
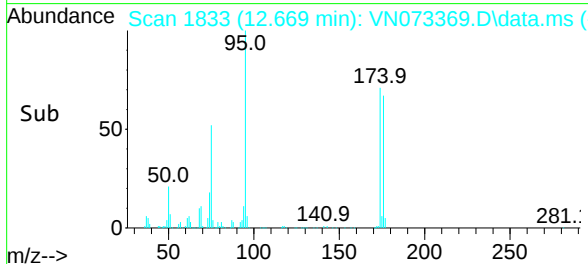
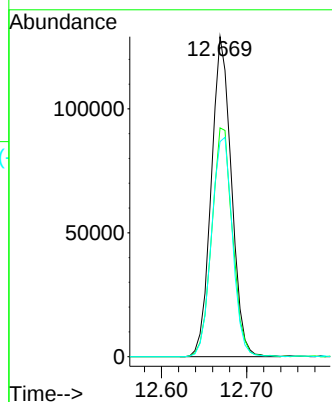
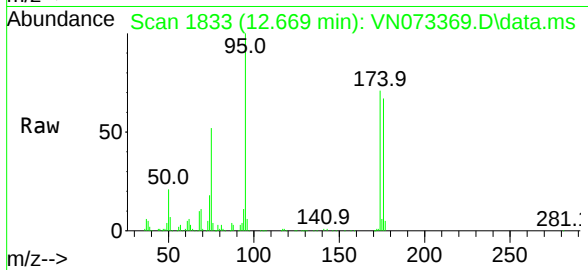




#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

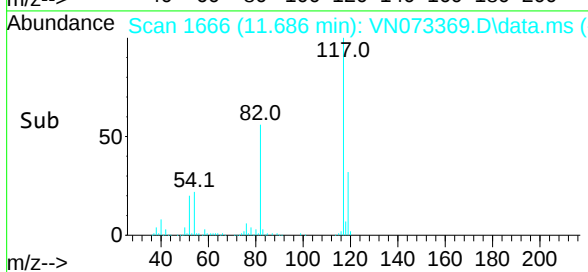
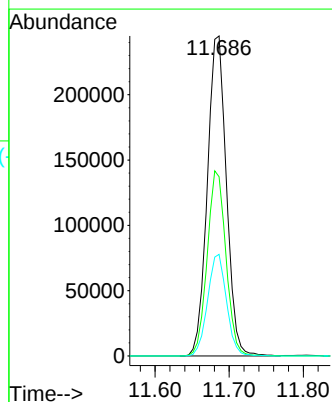
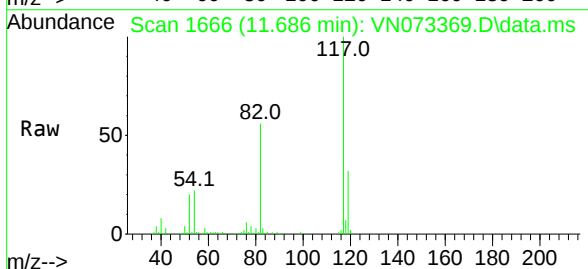
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

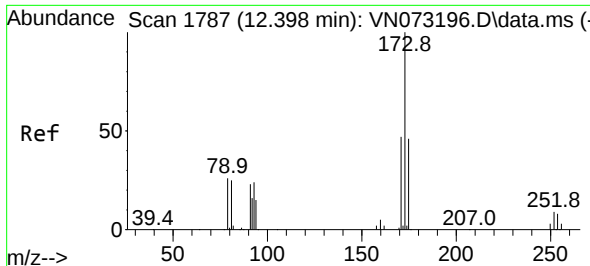
Tgt Ion: 95 Resp: 212453
Ion Ratio Lower Upper
95 100
174 73.5 0.0 167.6
176 71.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 117 Resp: 437633
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.8 25.4 38.0

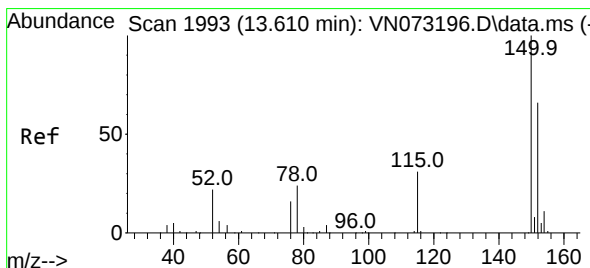
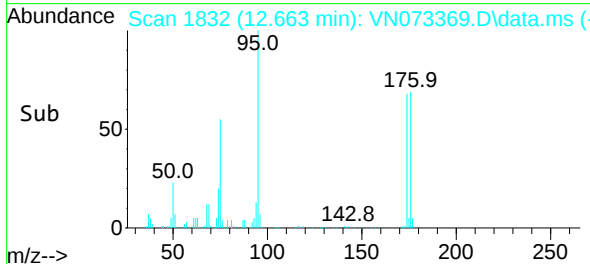
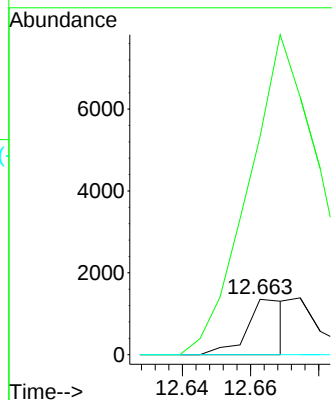
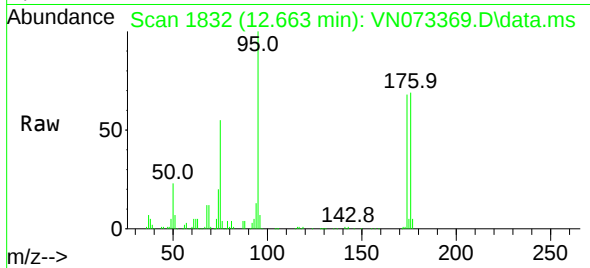




#71
Bromoform
Concen: 0.407 ug/l
RT: 12.663 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

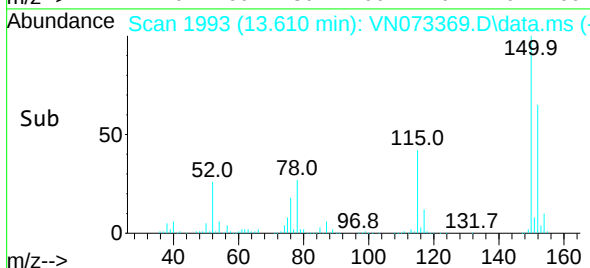
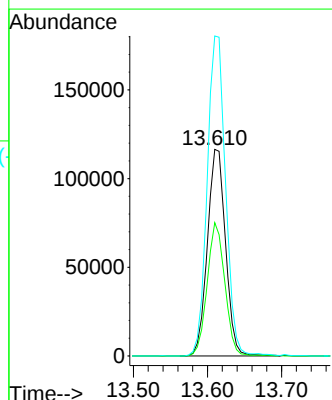
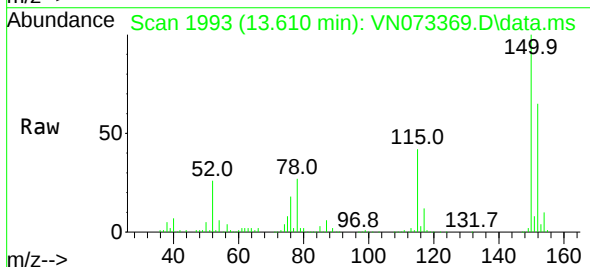
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

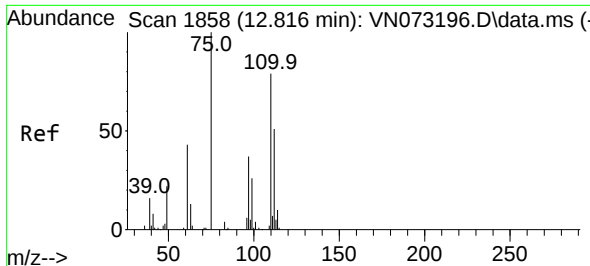
Tgt Ion:173 Resp: 1084
Ion Ratio Lower Upper
173 100
175 799.5 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion:152 Resp: 198587
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 156.5 0.0 356.2

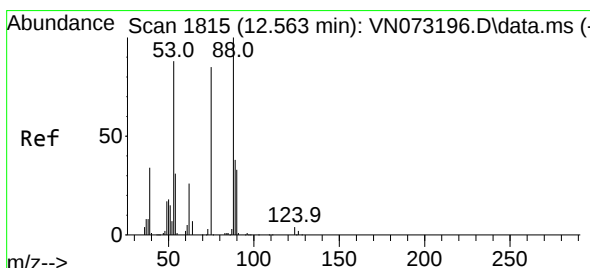
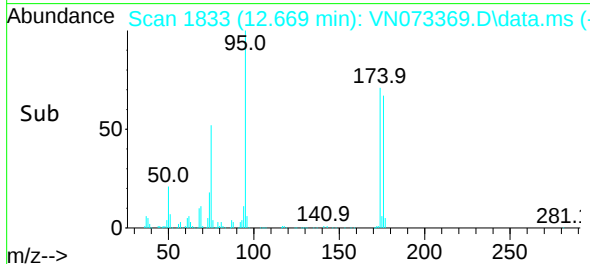
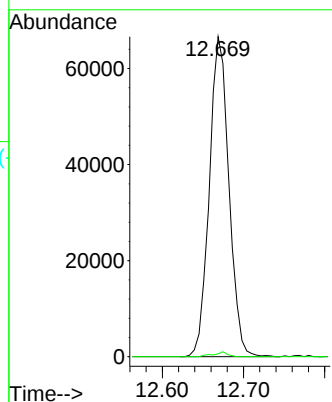
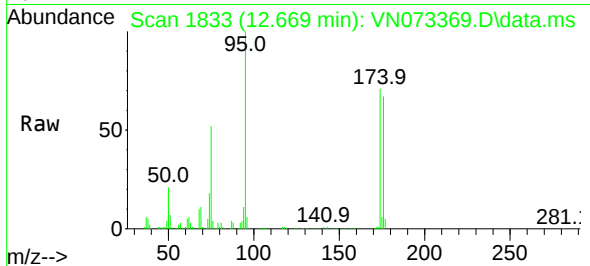




#76
1,2,3-Trichloropropane
Concen: 21.517 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

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

Tgt Ion: 75 Resp: 111731
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.010 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 75 Resp: 111731
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

