

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074399.D
 Acq On : 10 Sep 2022 01:51
 Operator : JC\MD
 Sample : N4502-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEACON-WATER-COMP

Quant Time: Sep 10 07:31:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

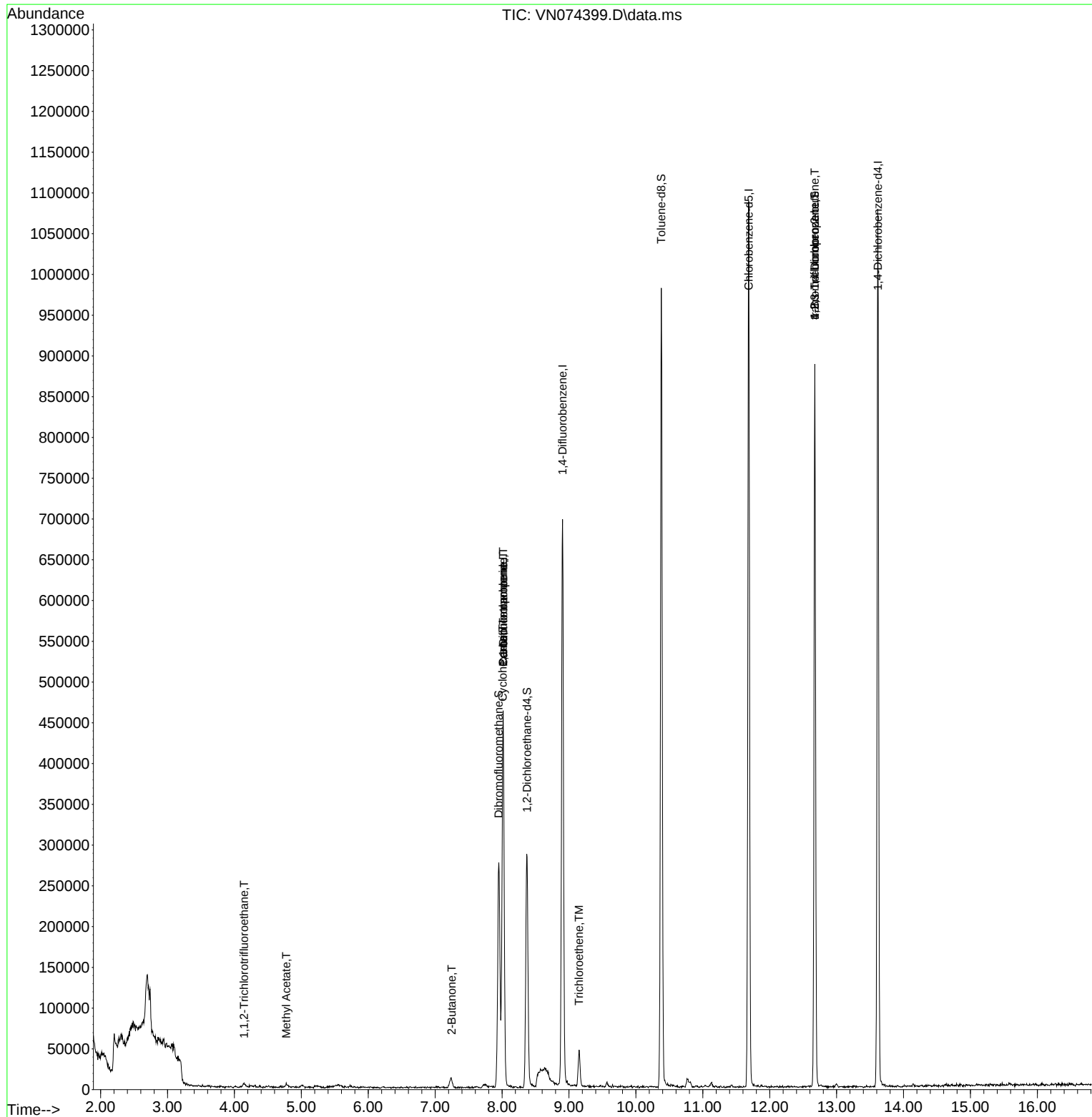
Internal Standards						
1) Pentafluorobenzene	8.016	168	319374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	565056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	548912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	253495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	229232	41.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.980%
35) Dibromofluoromethane	7.951	113	189523	49.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.380	98	642203	43.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.420%
62) 4-Bromofluorobenzene	12.674	95	258989	47.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	2210	Below Cal	#	74
6) Chloroethane	2.740	64	17232	Below Cal	#	45
9) 1,1,2-Trichlorotrifluo...	4.145	101	2705	0.661	ug/l	93
18) Methyl Acetate	4.775	43	8685	0.988	ug/l #	78
20) Methylene Chloride	5.004	84	1163	Below Cal	#	51
25) 2-Butanone	7.245	43	1048	0.209	ug/l #	52
28) Bromochloromethane	7.575	49	55	Below Cal	#	20
31) Cyclohexane	8.010	56	9352	1.064	ug/l #	23
36) 1,1-Dichloropropene	8.016	75	29651	4.718	ug/l #	50
38) Carbon Tetrachloride	8.016	117	35508	5.473	ug/l #	13
44) Trichloroethene	9.151	130	13950	3.234	ug/l	81
74) N-amyl acetate	12.339	43	527	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.674	75	159019	23.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	159019	53.487	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.539	75	61	Below Cal	#	8

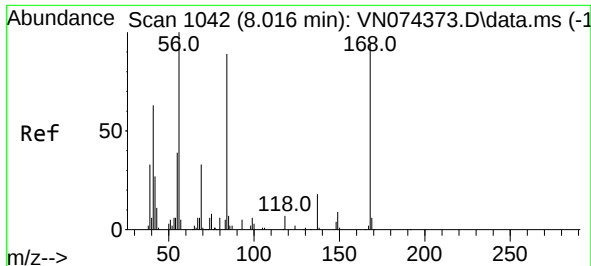
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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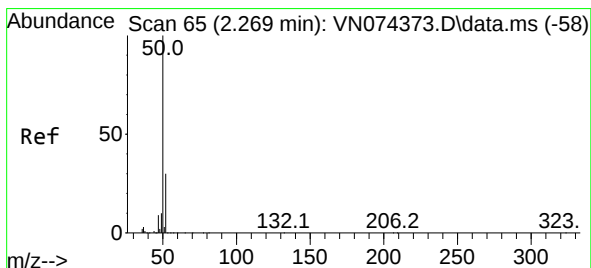
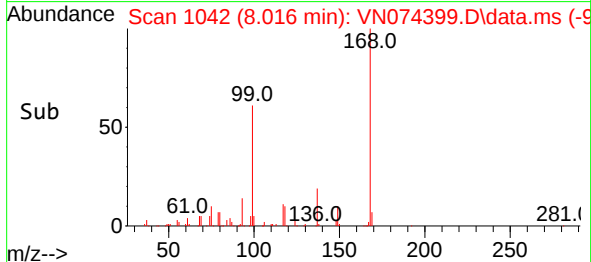
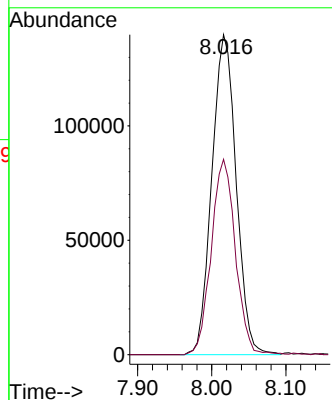
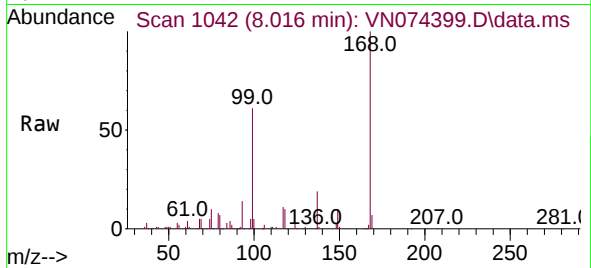




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

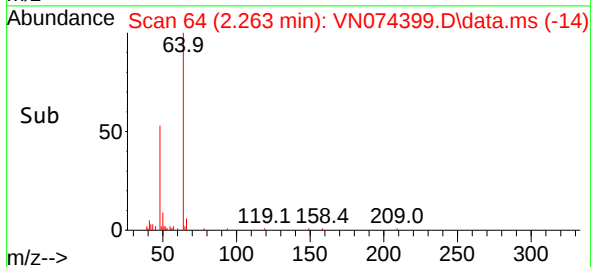
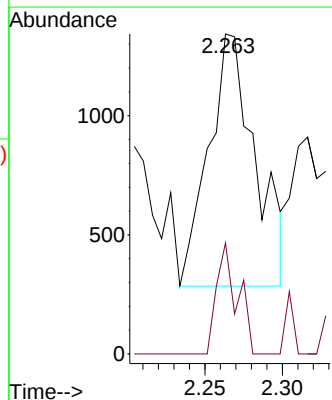
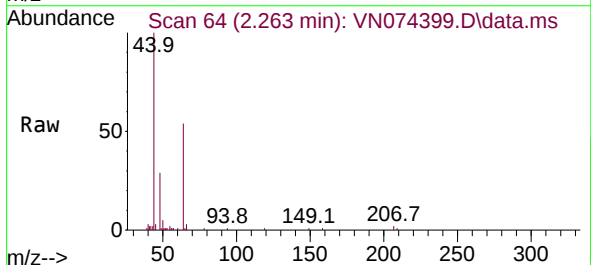
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

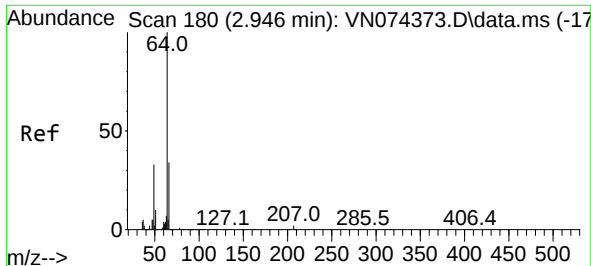
Tgt Ion:168 Resp: 319374
Ion Ratio Lower Upper
168 100
99 61.1 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 50 Resp: 2210
Ion Ratio Lower Upper
50 100
52 44.0 24.1 36.1#

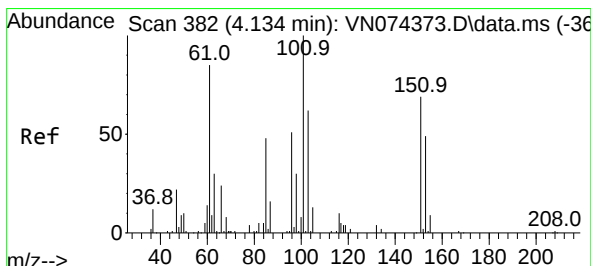
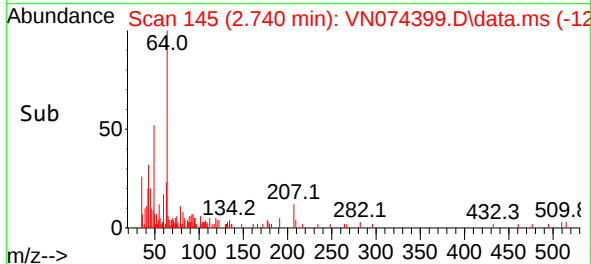
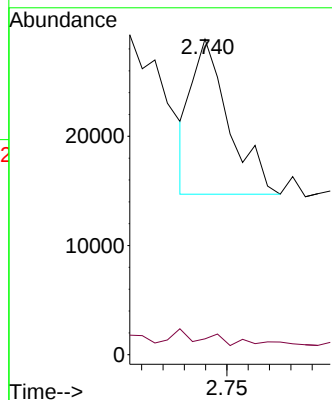
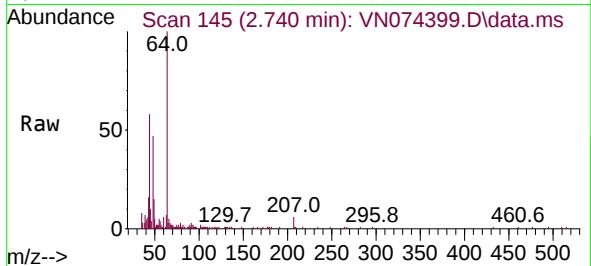




#6
Chloroethane
Concen: Below Cal
RT: 2.740 min Scan# 145
Delta R.T. -0.206 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

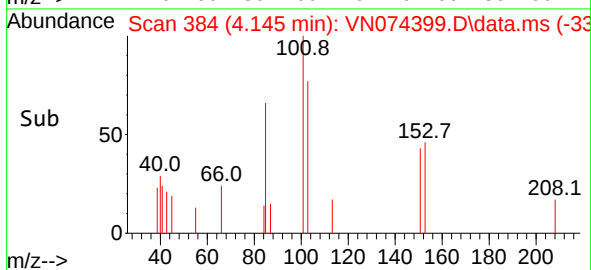
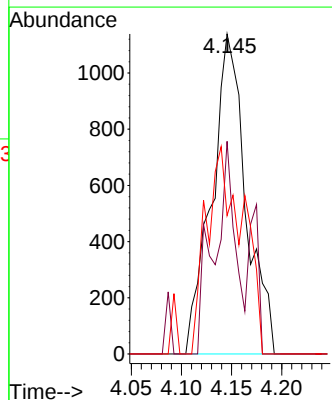
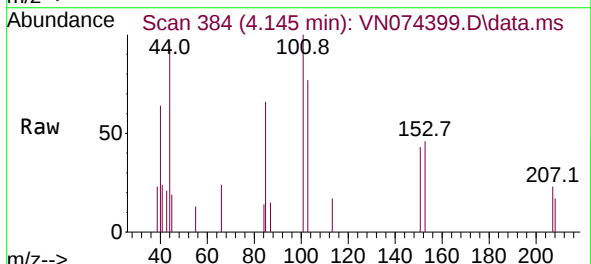
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

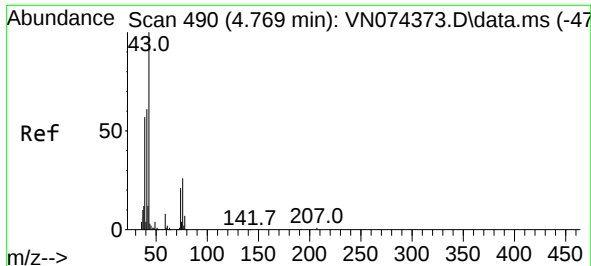
Tgt Ion: 64 Resp: 17232
Ion Ratio Lower Upper
64 100
66 2.1 26.5 39.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.661 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 101 Resp: 2705
Ion Ratio Lower Upper
101 100
85 41.6 39.5 59.3
151 69.2 57.8 86.6

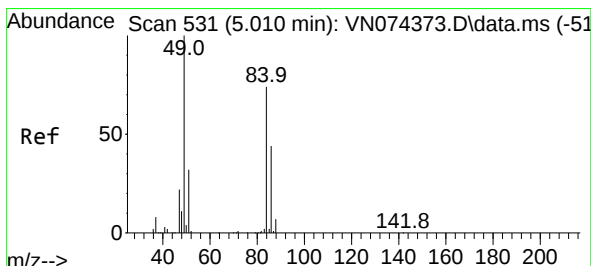
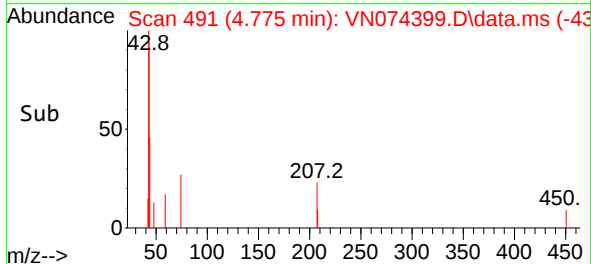
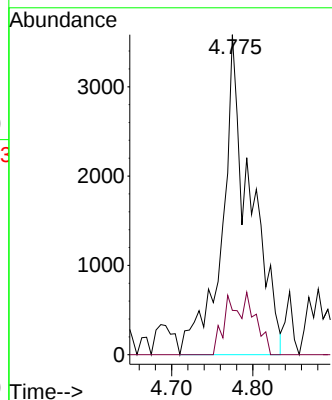
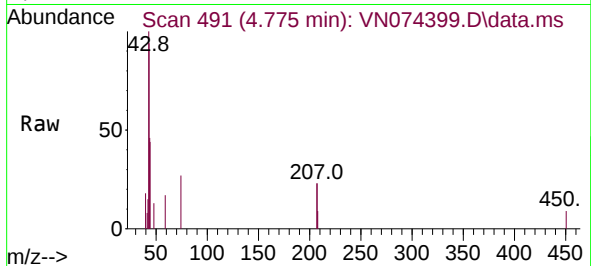




#18
Methyl Acetate
Concen: 0.988 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

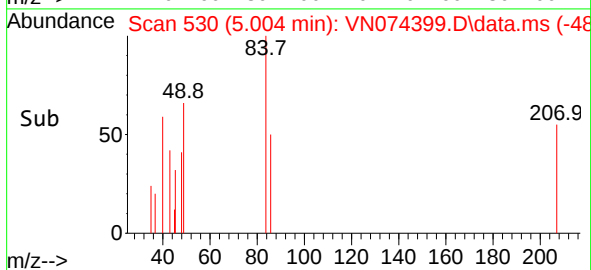
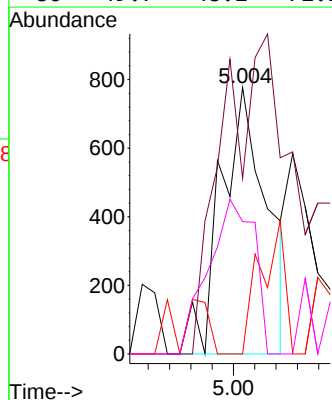
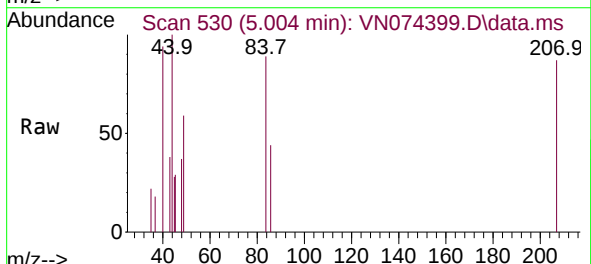
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

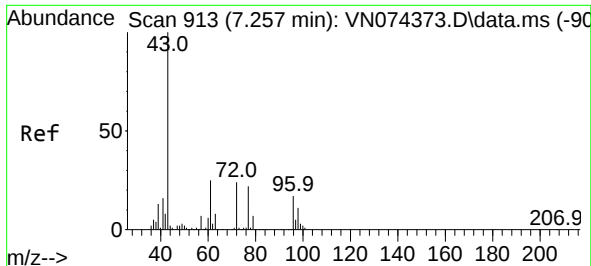
Tgt Ion: 43 Resp: 8685
Ion Ratio Lower Upper
43 100
74 10.5 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 84 Resp: 1163
Ion Ratio Lower Upper
84 100
49 65.9 108.2 162.4#
51 0.0 34.3 51.5#
86 49.7 48.2 72.2

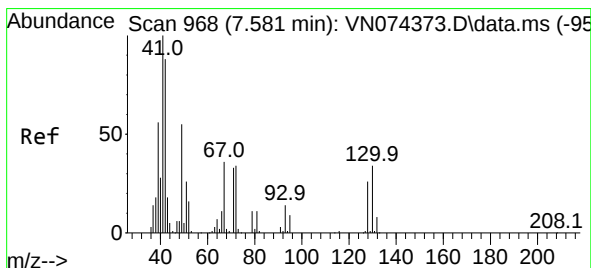
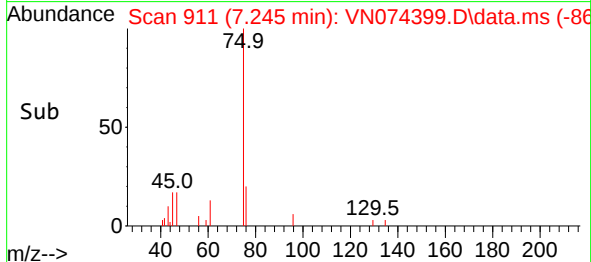
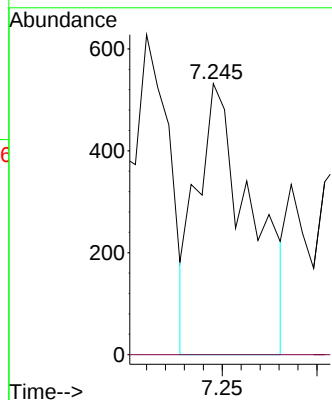
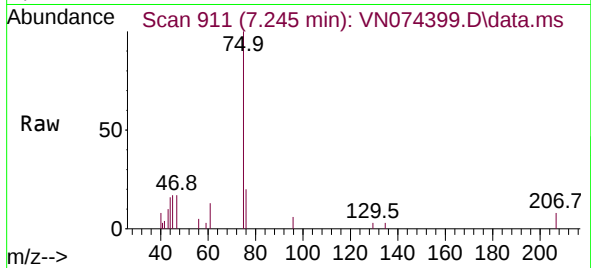




#25
2-Butanone
Concen: 0.209 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

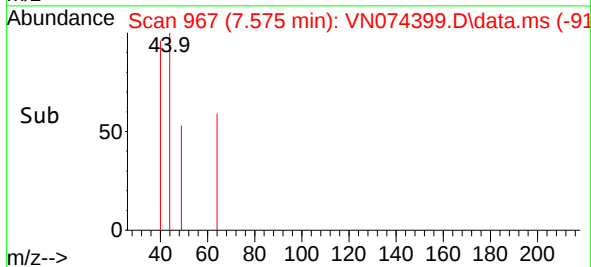
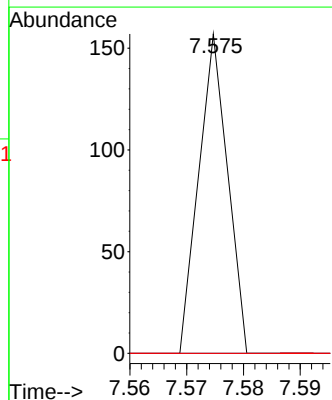
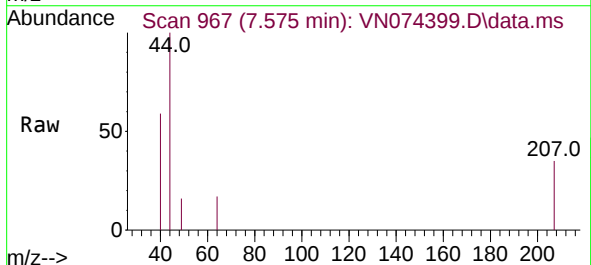
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

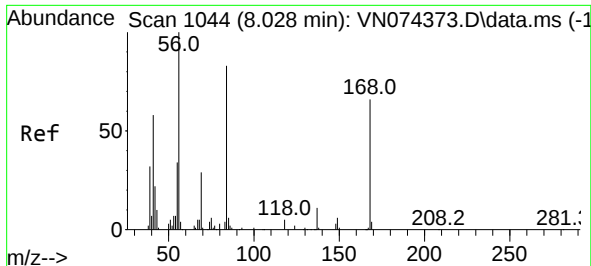
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.575 min Scan# 967
Delta R.T. -0.006 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 50.0 75.0#





#31

Cyclohexane

Concen: 1.064 ug/l

RT: 8.010 min Scan# 1103

Delta R.T. -0.018 min

Lab File: VN074399.D

Acq: 10 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DEACON-WATER-COMP

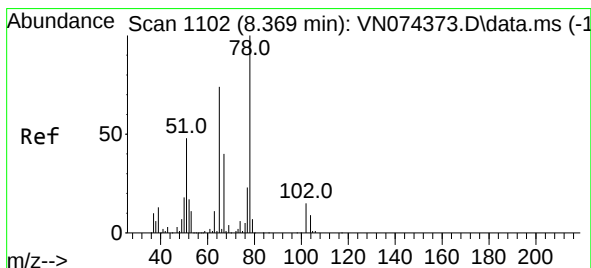
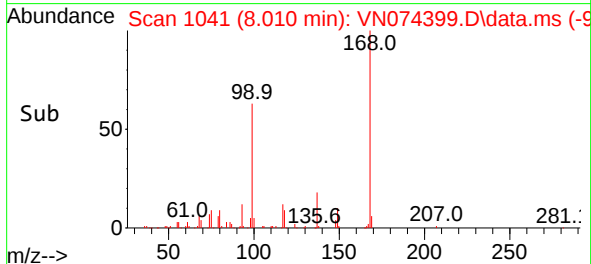
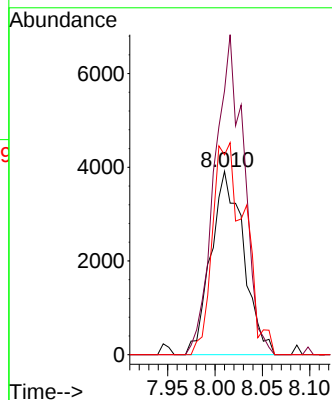
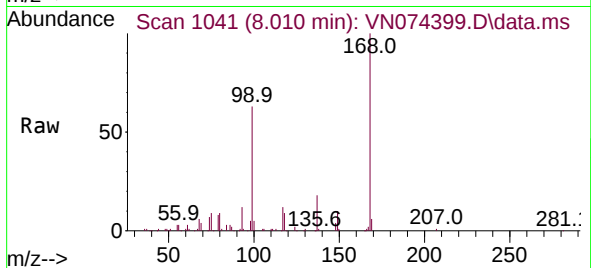
Tgt Ion: 56 Resp: 9352

Ion Ratio Lower Upper

56 100

69 143.9 23.0 34.4#

84 109.0 66.3 99.5#



#33

1,2-Dichloroethane-d4

Concen: 41.485 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074399.D

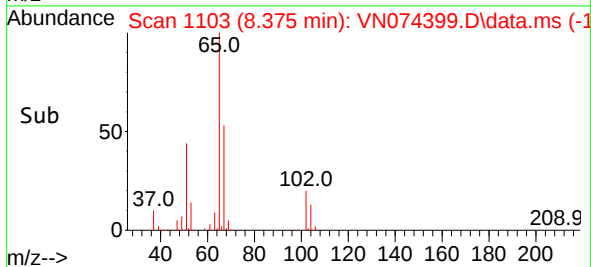
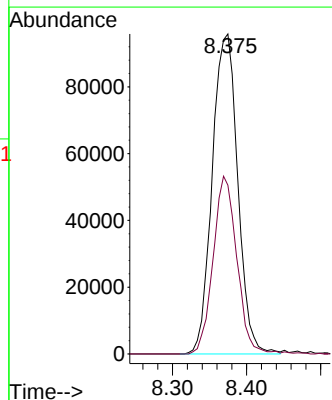
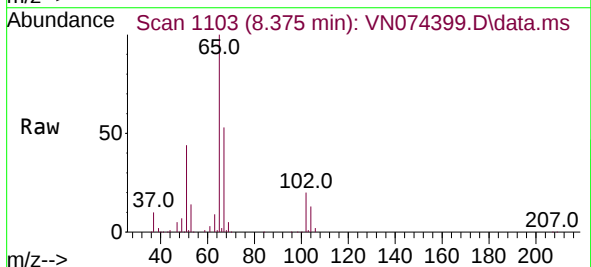
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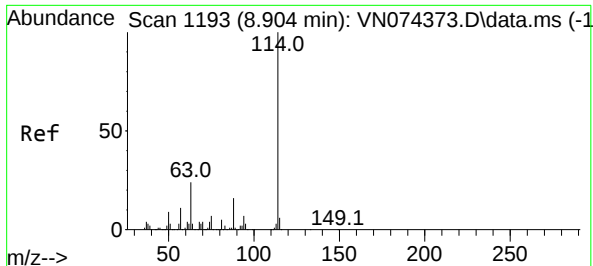
Tgt Ion: 65 Resp: 229232

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074399.D

Acq: 10 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DEACON-WATER-COMP

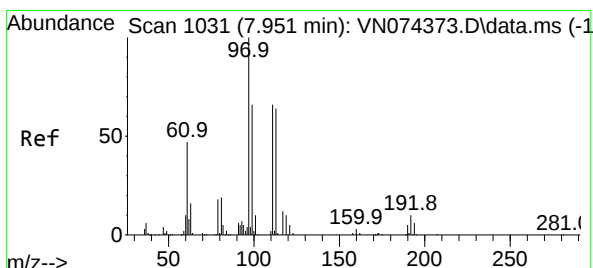
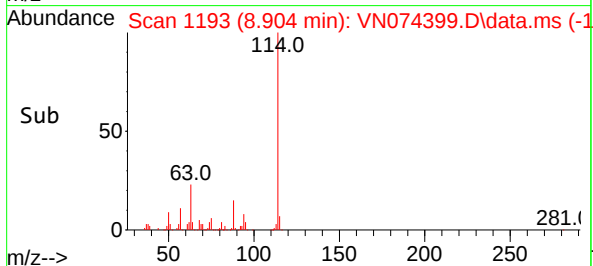
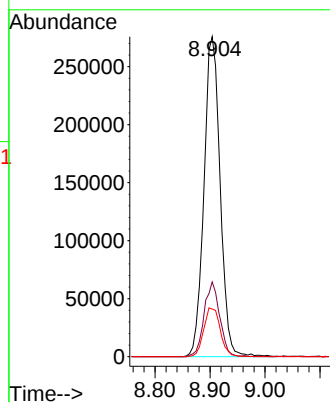
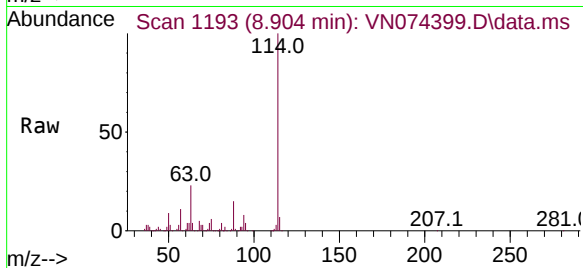
Tgt Ion:114 Resp: 565056

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.6

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.683 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074399.D

Acq: 10 Sep 2022 01:51

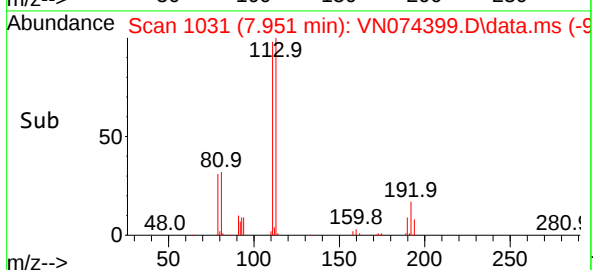
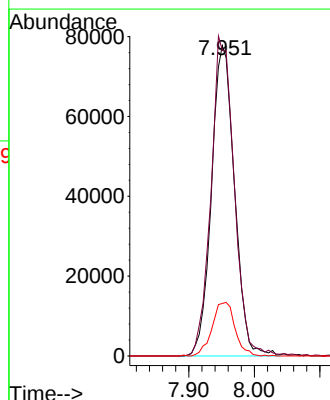
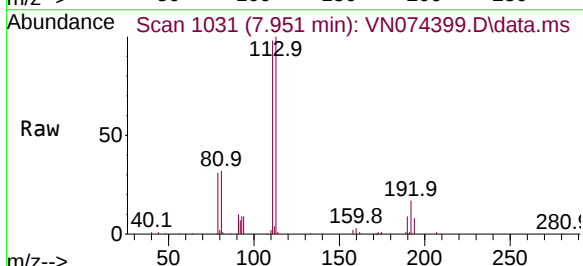
Tgt Ion:113 Resp: 189523

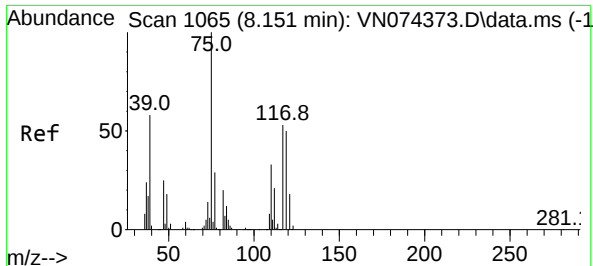
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

192 17.2 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.718 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074399.D

Acq: 10 Sep 2022 01:51

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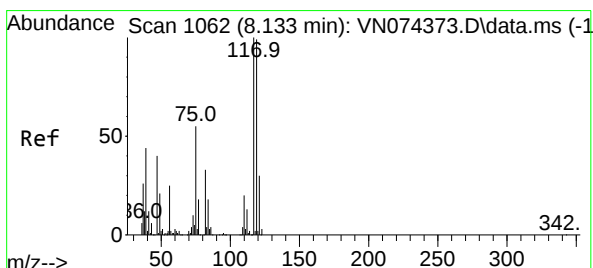
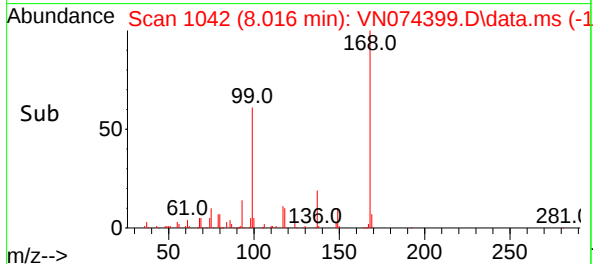
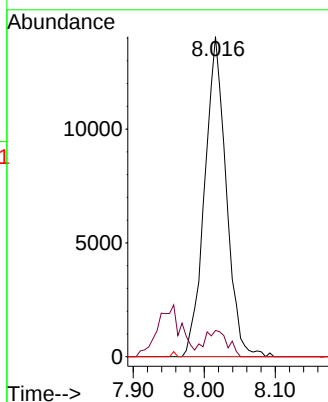
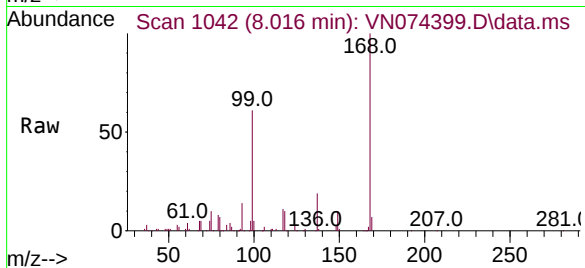
Tgt Ion: 75 Resp: 29651

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.473 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN074399.D

Acq: 10 Sep 2022 01:51

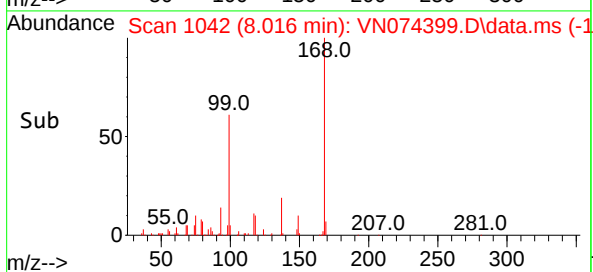
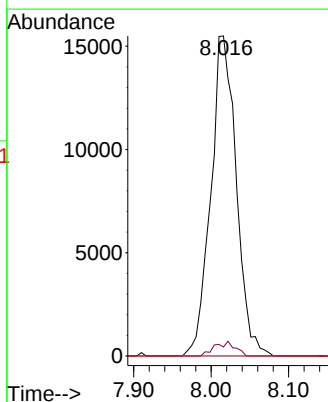
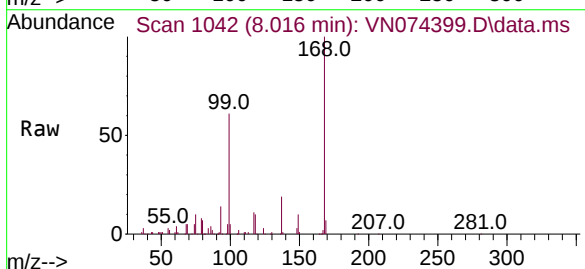
Tgt Ion: 117 Resp: 35508

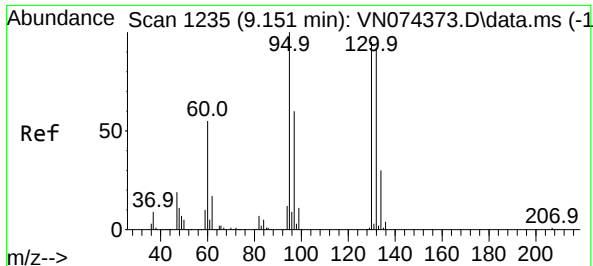
Ion Ratio Lower Upper

117 100

119 2.8 78.8 118.2#

121 0.0 24.1 36.1#

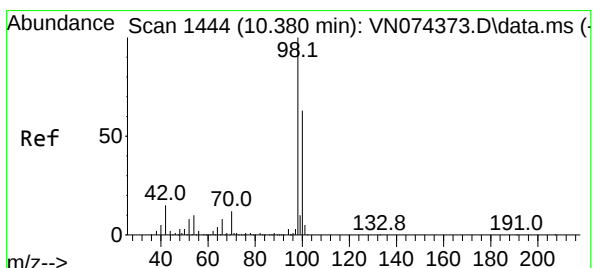
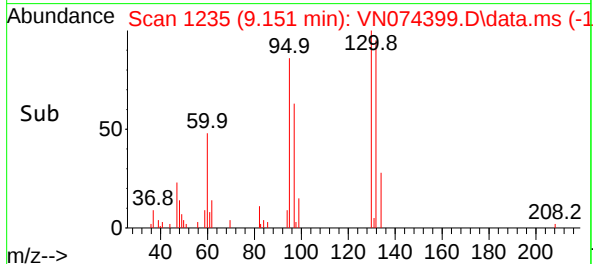
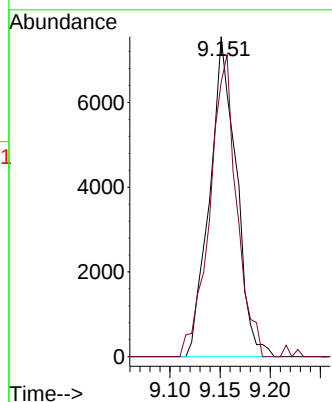
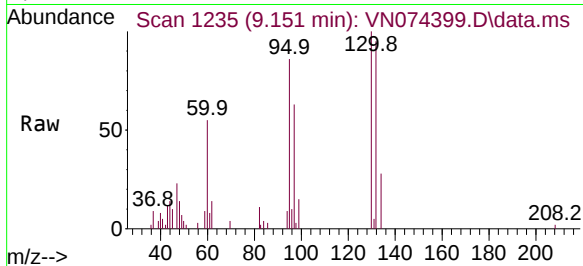




#44
Trichloroethene
Concen: 3.234 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

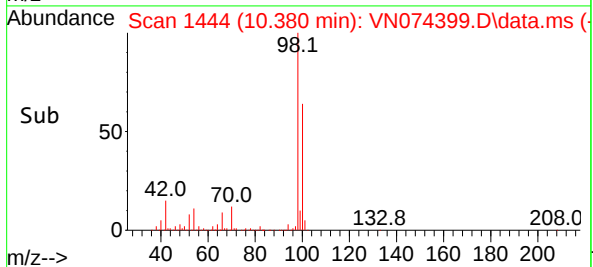
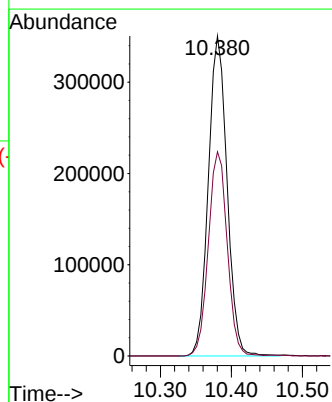
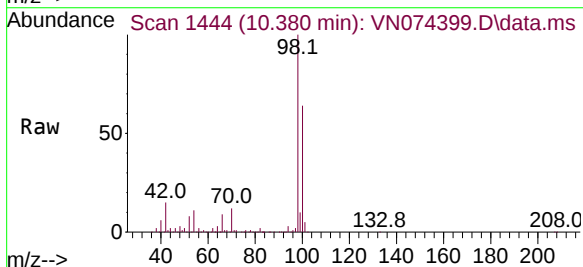
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

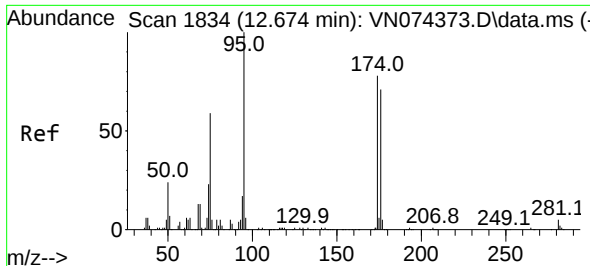
Tgt Ion:130 Resp: 13950
Ion Ratio Lower Upper
130 100
95 85.7 0.0 210.0



#50
Toluene-d8
Concen: 43.206 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 98 Resp: 642203
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

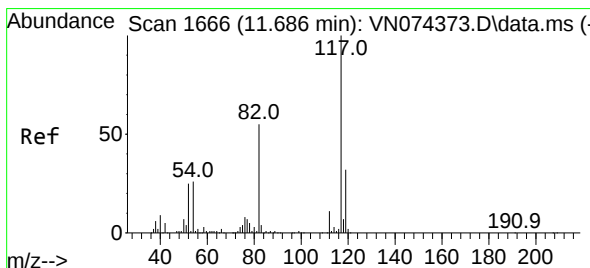
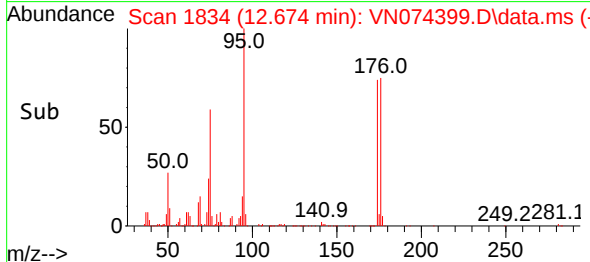
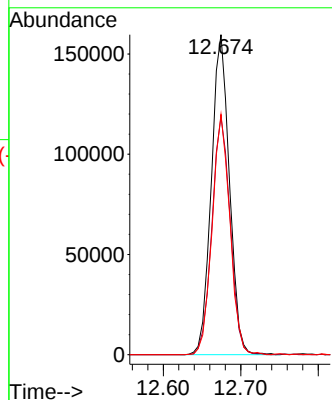
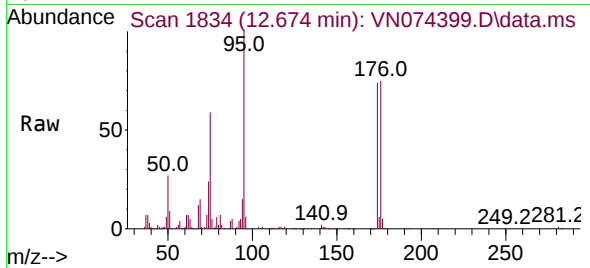




#62
4-Bromofluorobenzene
Concen: 47.992 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

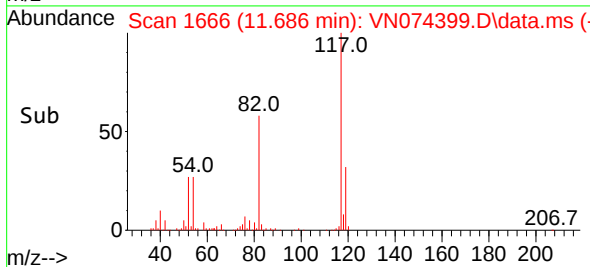
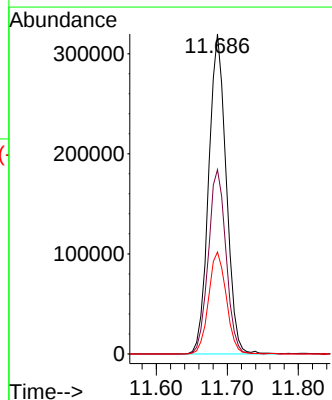
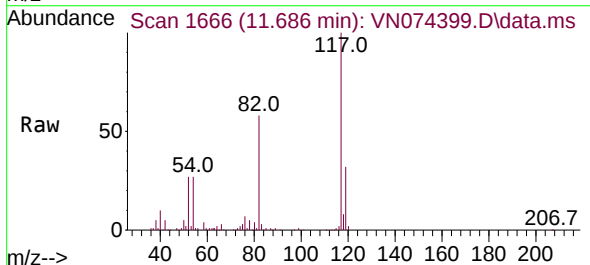
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

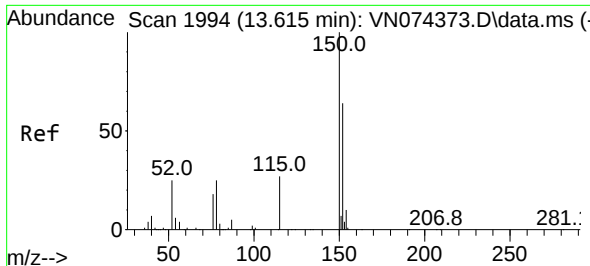
Tgt Ion: 95 Resp: 258989
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 73.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 117 Resp: 548912
Ion Ratio Lower Upper
117 100
82 57.6 44.3 66.5
119 31.9 25.5 38.3

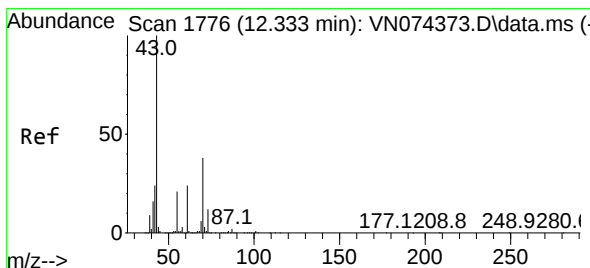
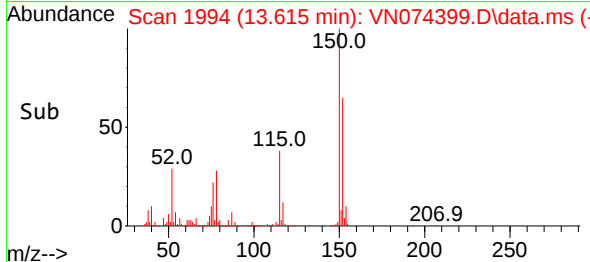
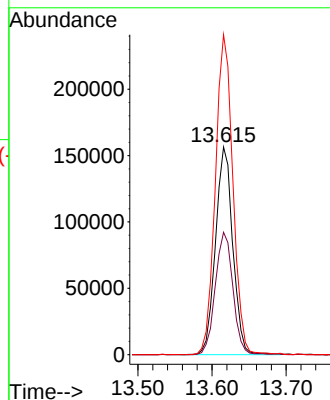
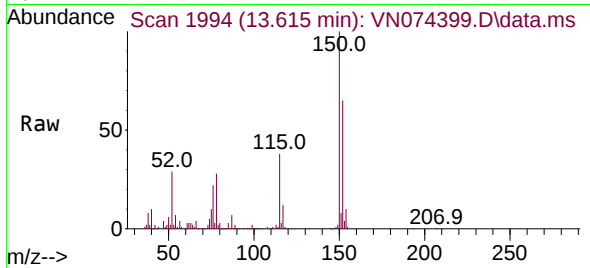




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

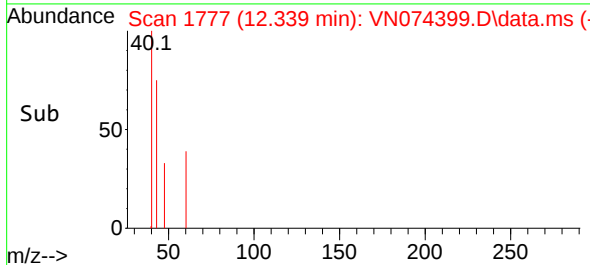
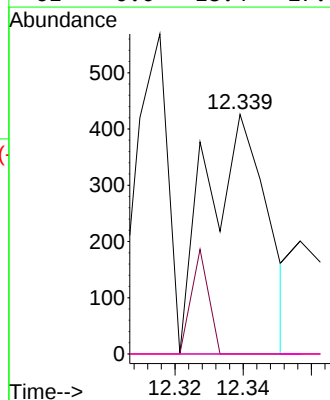
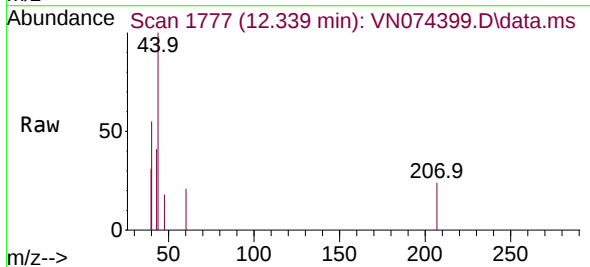
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

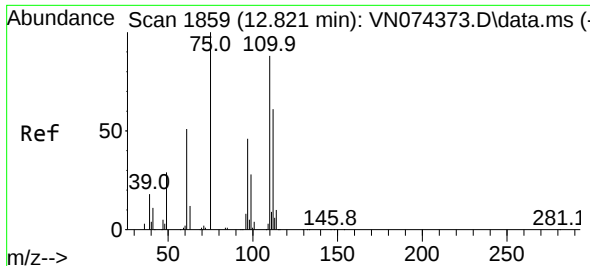
Tgt Ion:152 Resp: 253495
Ion Ratio Lower Upper
152 100
115 60.0 32.0 96.0
150 156.1 0.0 359.6



#74
N-ethyl acetate
Concen: Below Cal
RT: 12.339 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
70 12.5 31.4 47.0#
55 0.0 17.0 25.6#
61 0.0 18.4 27.6#

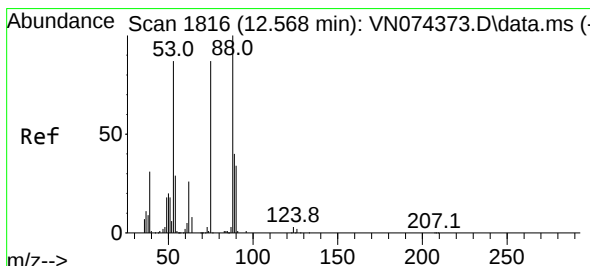
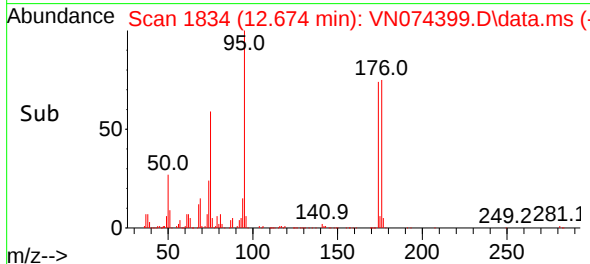
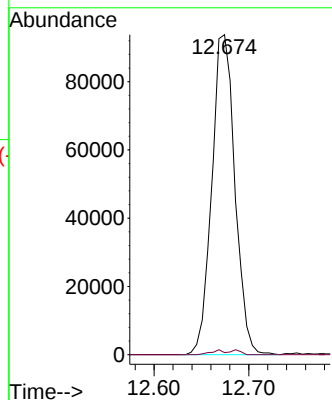
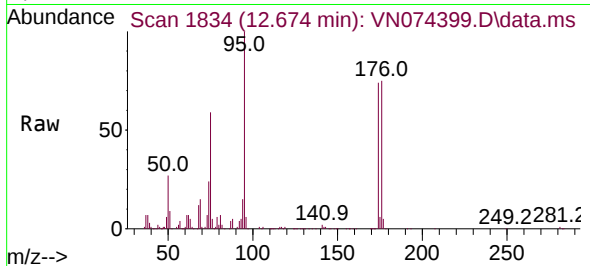




#76
1,2,3-Trichloropropane
Concen: 23.996 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

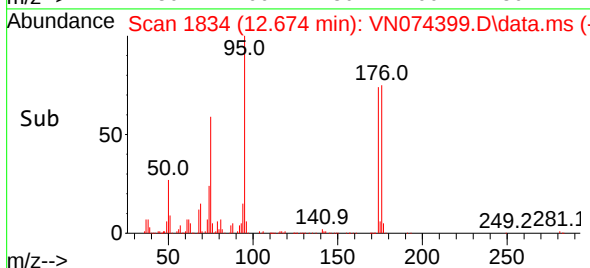
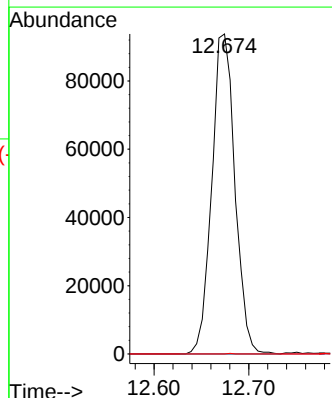
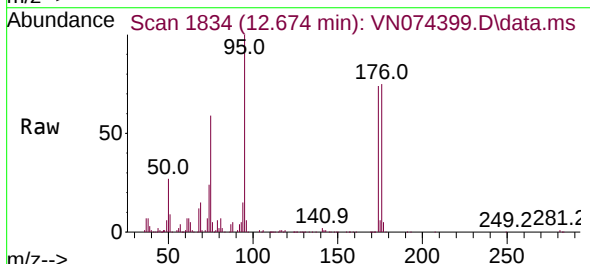
Instrument :
MSVOA_N
ClientSampleId :
DEACON-WATER-COMP

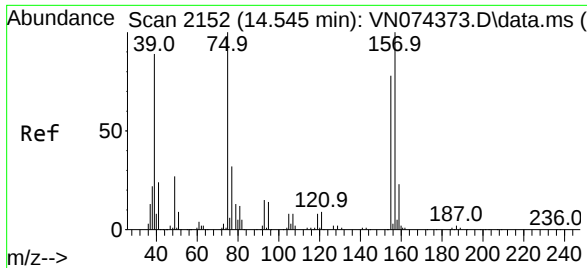
Tgt Ion: 75 Resp: 159019
Ion Ratio Lower Upper
75 100
77 0.8 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.487 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074399.D
Acq: 10 Sep 2022 01:51

Tgt Ion: 75 Resp: 159019
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074399.D
 Acq: 10 Sep 2022 01:51

Instrument :
 MSVOA_N
 ClientSampleId :
 DEACON-WATER-COMP

Tgt Ion: 75 Resp: 61
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.9#
 157 0.0 46.2 138.5#

