

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074791.D
 Acq On : 06 Oct 2022 18:16
 Operator : JC\MD
 Sample : N4910-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DRE

Quant Time: Oct 06 19:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

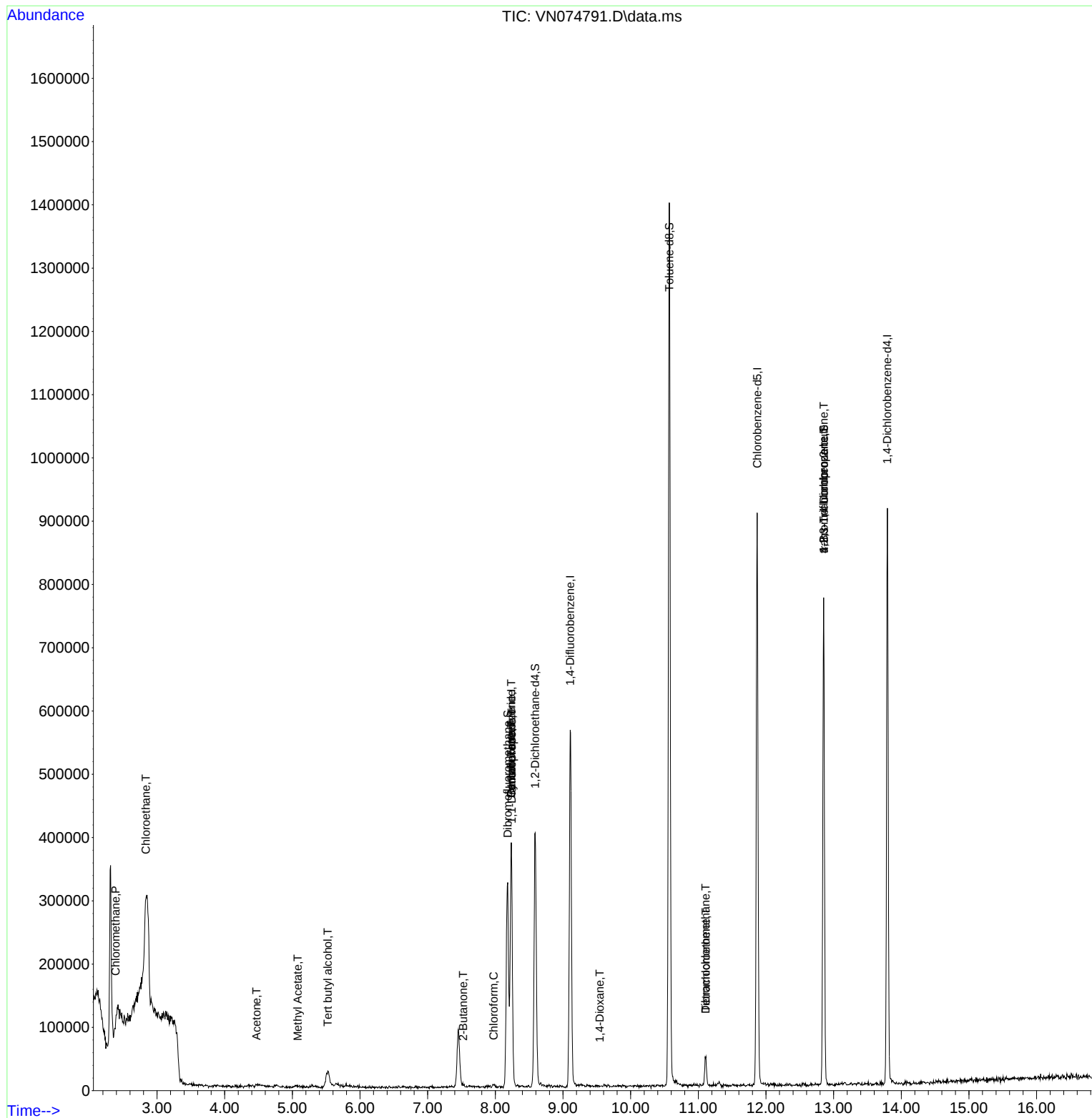
Internal Standards						
1) Pentafluorobenzene	8.235	168	269135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	487814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	299490	46.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.920%
35) Dibromofluoromethane	8.182	113	232416	47.156	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.571	98	948308	44.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.853	95	241904	37.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.260%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	1842	0.224	ug/l	96
6) Chloroethane	2.836	64	222449	29.583	ug/l #	49
11) Tert butyl alcohol	5.524	59	22605	10.584	ug/l #	82
13) Acrolein	4.218	56	147	Below Cal	#	1
16) Acetone	4.471	43	2845	0.787	ug/l #	82
18) Methyl Acetate	5.077	43	5305	0.396	ug/l #	63
20) Methylene Chloride	5.294	84	674	Below Cal	#	49
25) 2-Butanone	7.524	43	2279	0.347	ug/l	93
30) Chloroform	7.977	83	3261	0.303	ug/l #	75
31) Cyclohexane	8.235	56	7813	0.709	ug/l #	53
36) 1,1-Dichloropropene	8.241	75	25785	3.232	ug/l #	48
38) Carbon Tetrachloride	8.235	117	29582	3.932	ug/l #	15
49) 1,4-Dioxane	9.541	88	57	0.324	ug/l #	24
60) Dibromochloromethane	11.106	129	9685	1.576	ug/l #	10
64) Tetrachloroethene	11.112	164	9140	2.267	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.859	83	631	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.853	75	135134	19.918	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	135134	38.807	ug/l #	14

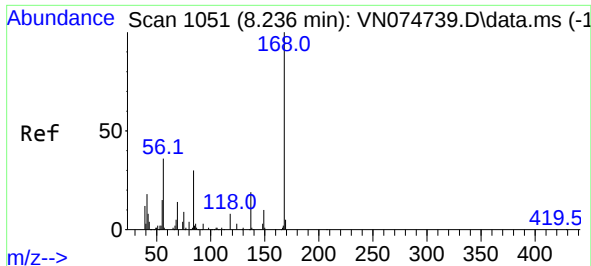
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
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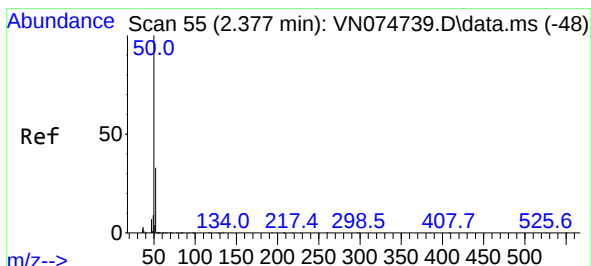
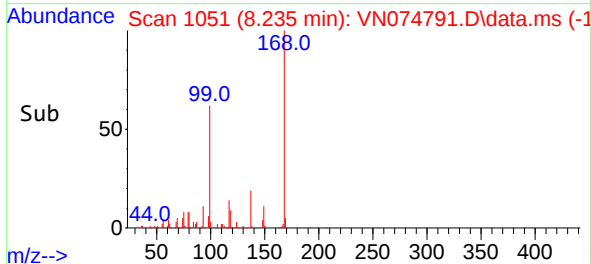
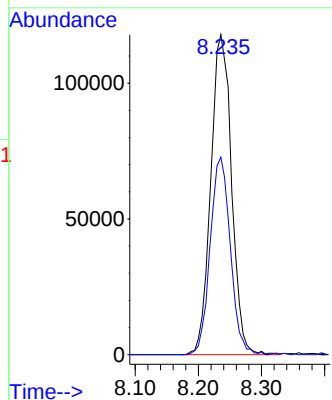
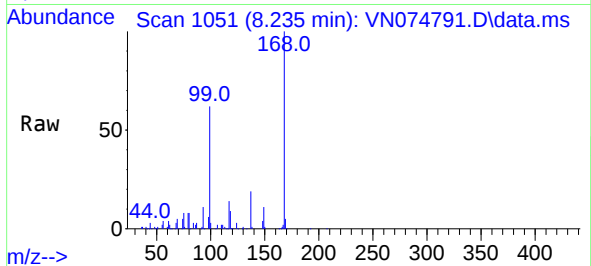




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

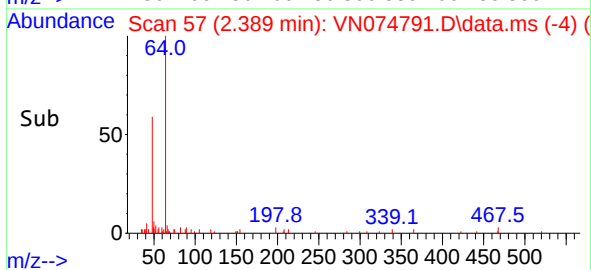
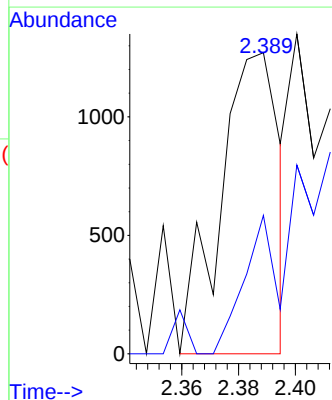
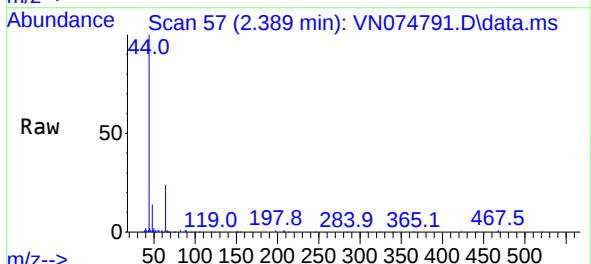
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

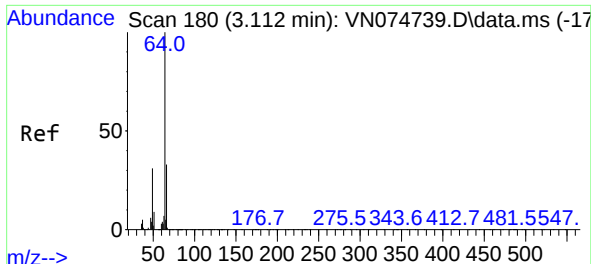
Tgt Ion:168 Resp: 269135
Ion Ratio Lower Upper
168 100
99 61.7 42.8 64.2



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.389 min Scan# 57
Delta R.T. 0.012 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 50 Resp: 1842
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1

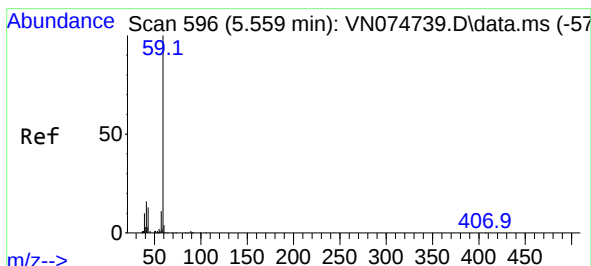
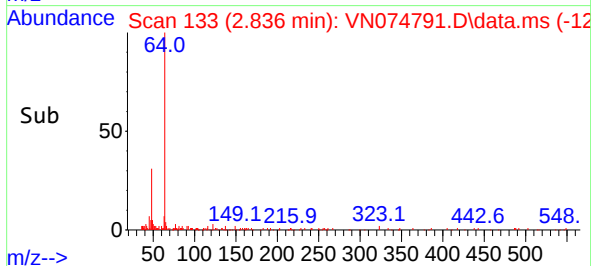
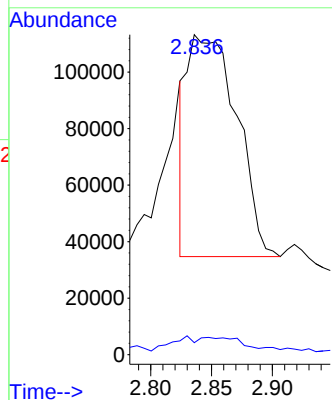
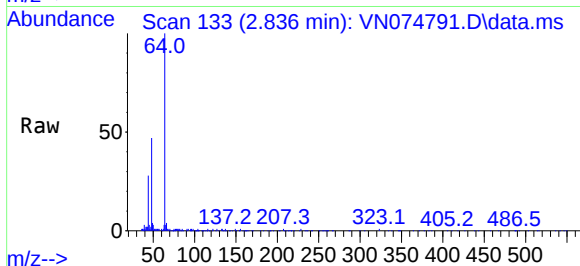




#6
Chloroethane
Concen: 29.583 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.277 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

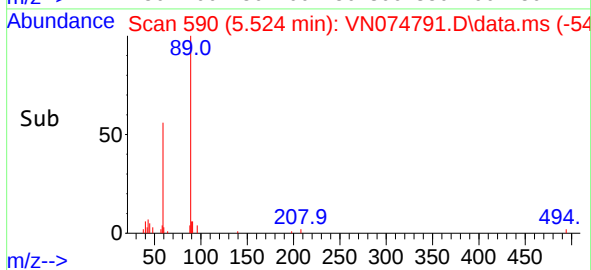
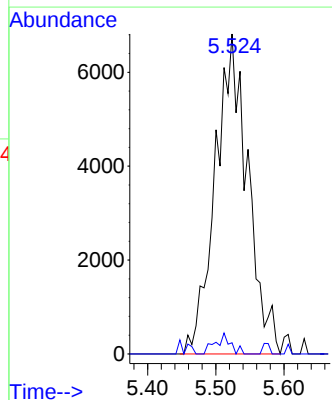
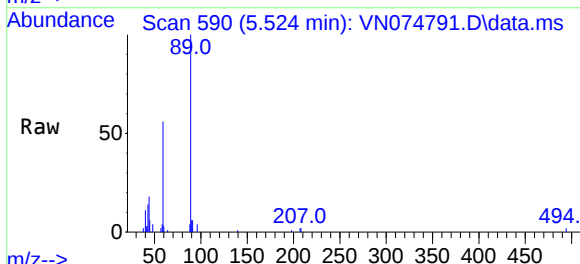
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

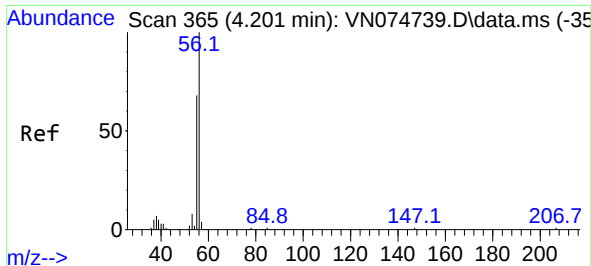
Tgt Ion: 64 Resp: 222449
Ion Ratio Lower Upper
64 100
66 3.2 25.1 37.7#



#11
Tert butyl alcohol
Concen: 10.584 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.035 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 59 Resp: 22605
Ion Ratio Lower Upper
59 100
57 3.0 7.7 11.5#

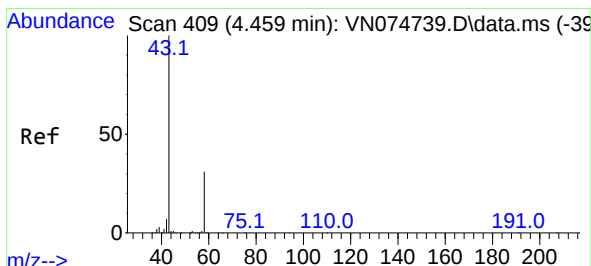
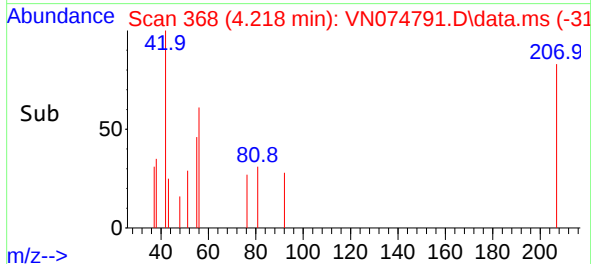
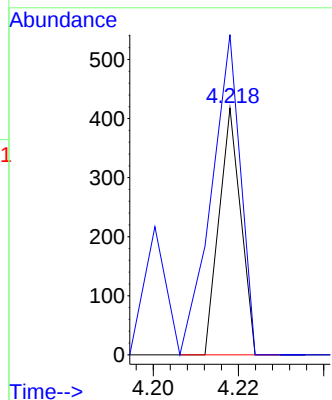
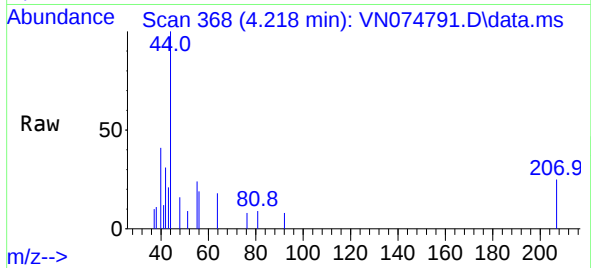




#13
Acrolein
Concen: Below Cal
RT: 4.218 min Scan# 301
Delta R.T. 0.017 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

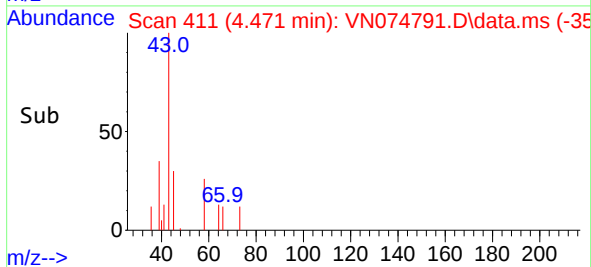
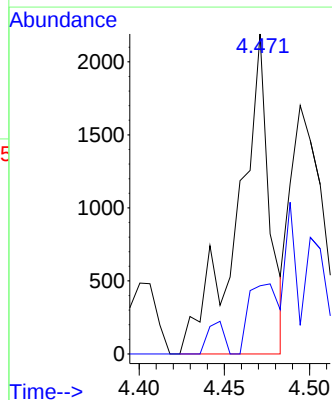
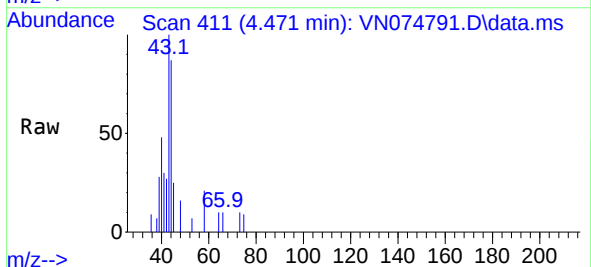
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

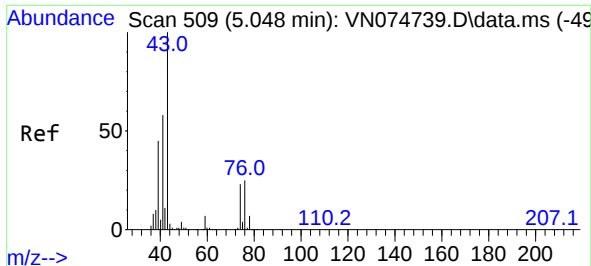
Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 226.5 54.9 82.3#



#16
Acetone
Concen: 0.787 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 21.3 24.9 37.3#

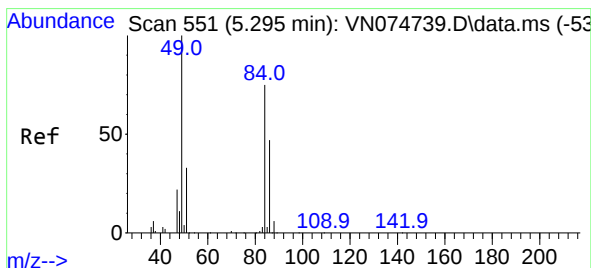
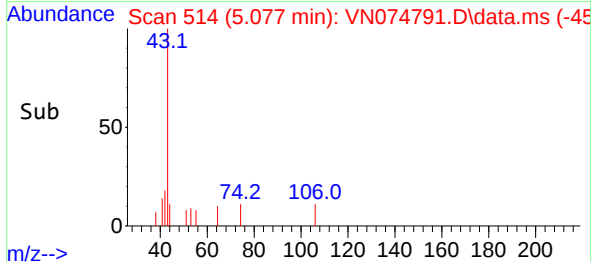
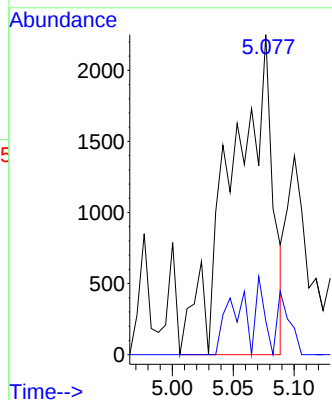
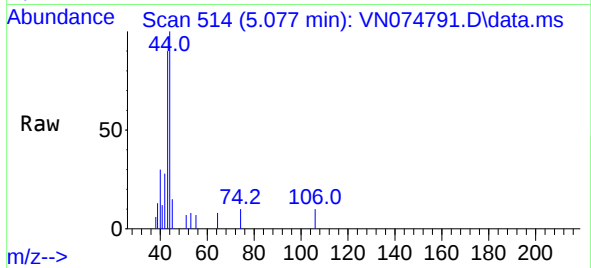




#18
Methyl Acetate
Concen: 0.396 ug/l
RT: 5.077 min Scan# 514
Delta R.T. 0.029 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

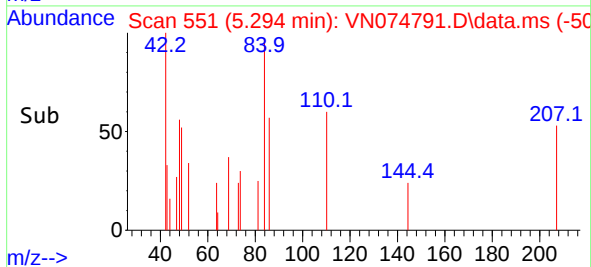
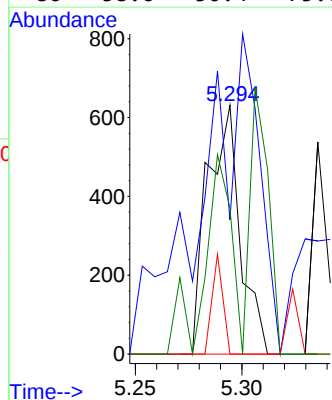
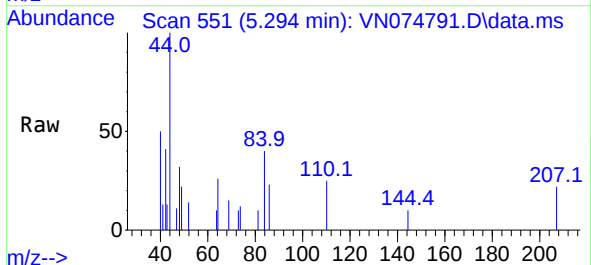
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

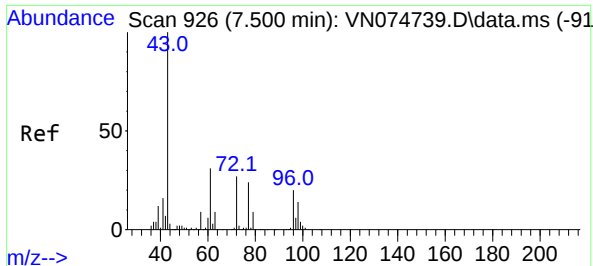
Tgt Ion: 43 Resp: 5305
Ion Ratio Lower Upper
43 100
74 5.2 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 551
Delta R.T. -0.001 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

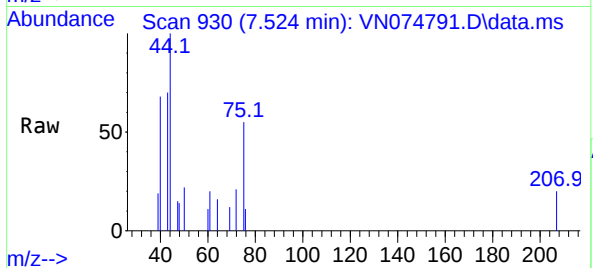
Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 54.0 107.4 161.0#
51 0.0 35.1 52.7#
86 58.6 50.4 75.6



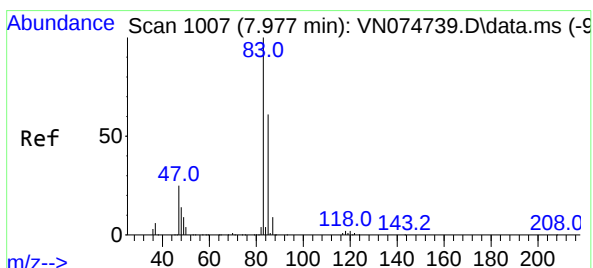
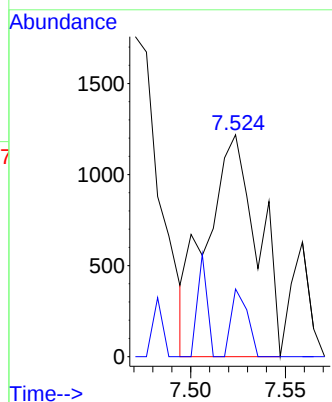
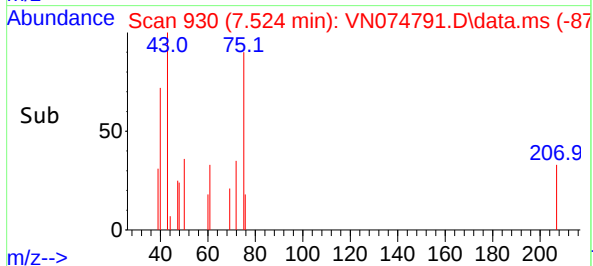


#25
2-Butanone
Concen: 0.347 ug/l
RT: 7.524 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

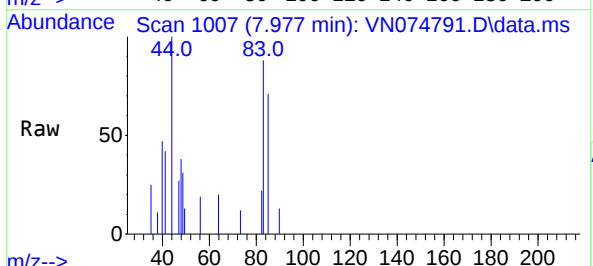
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE



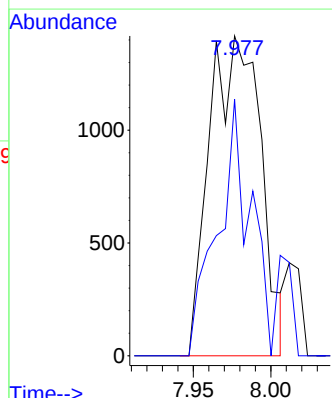
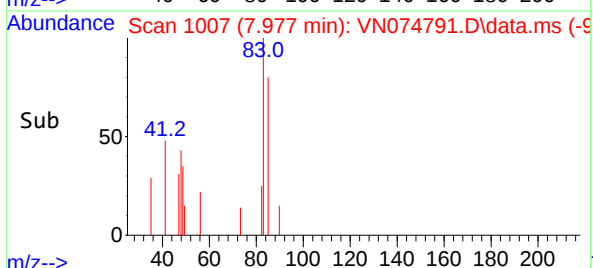
Tgt Ion: 43 Resp: 2279
Ion Ratio Lower Upper
43 100
72 30.5 21.4 32.0

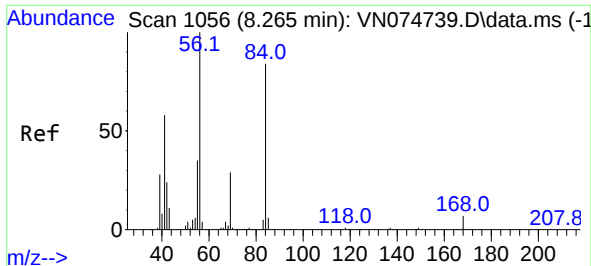


#30
Chloroform
Concen: 0.303 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16



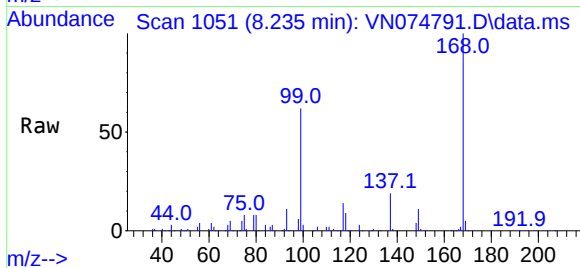
Tgt Ion: 83 Resp: 3261
Ion Ratio Lower Upper
83 100
85 80.2 49.0 73.4#



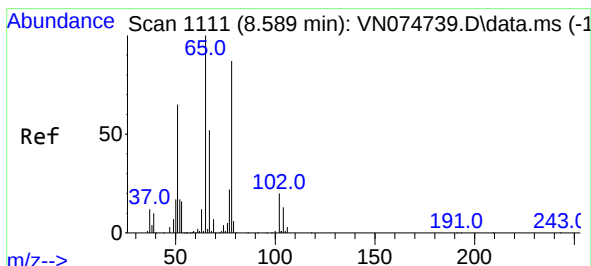
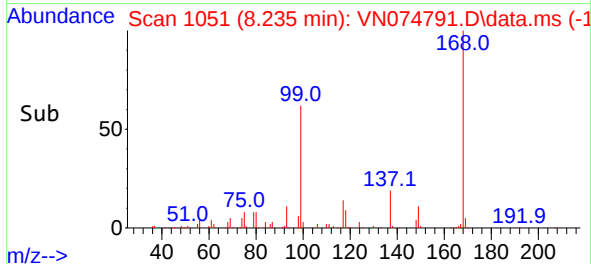
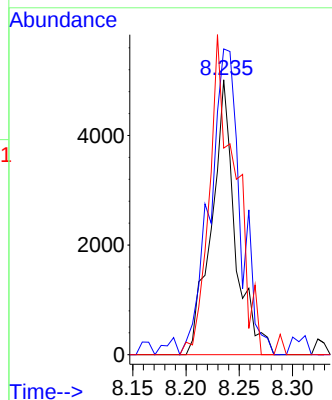


#31
Cyclohexane
Concen: 0.709 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Instrument :
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ClientSampleId :
MW-1DRE

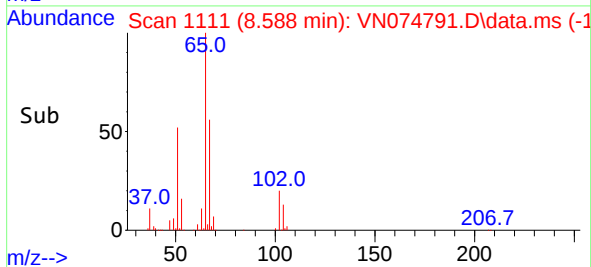
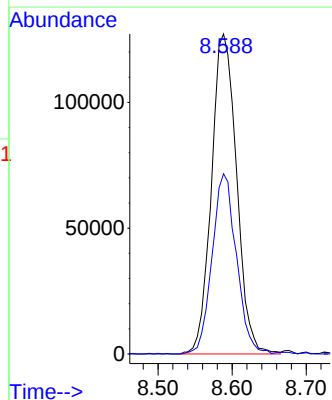
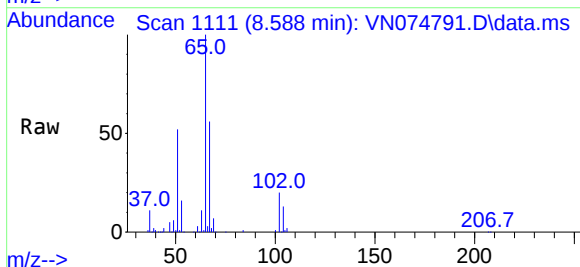


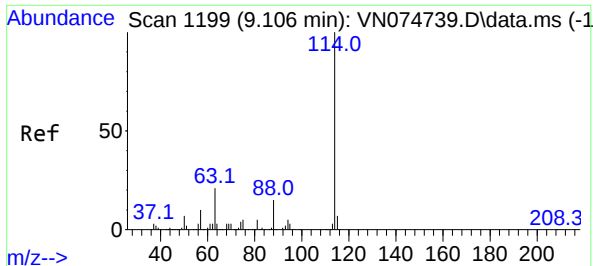
Tgt Ion: 56 Resp: 7813
Ion Ratio Lower Upper
56 100
69 111.2 23.1 34.7#
84 75.1 67.1 100.7



#33
1,2-Dichloroethane-d4
Concen: 46.965 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 65 Resp: 299490
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074791.D

Acq: 06 Oct 2022 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-1DRE

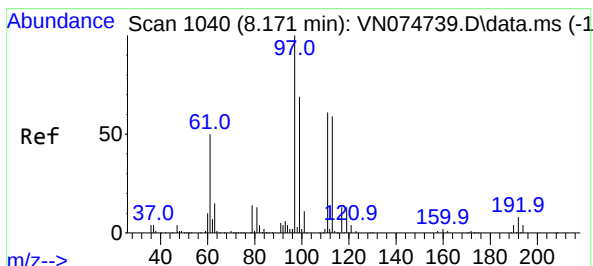
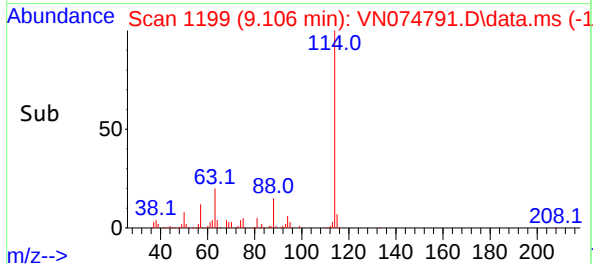
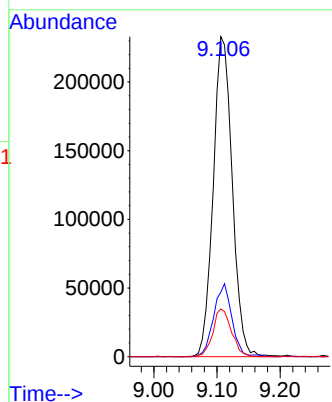
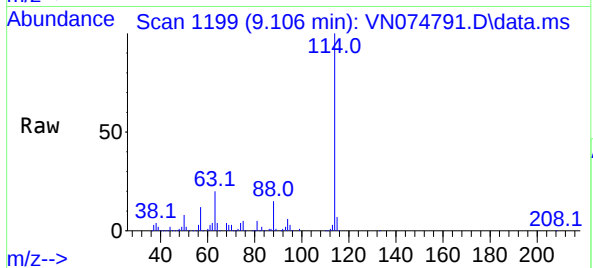
Tgt Ion:114 Resp: 487814

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

88 14.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.156 ug/l

RT: 8.182 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074791.D

Acq: 06 Oct 2022 18:16

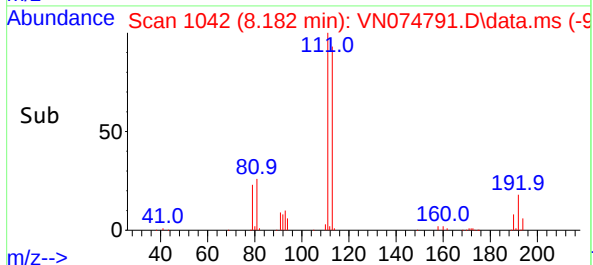
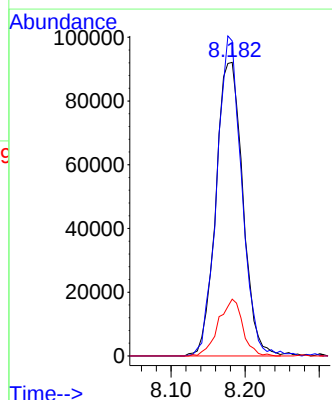
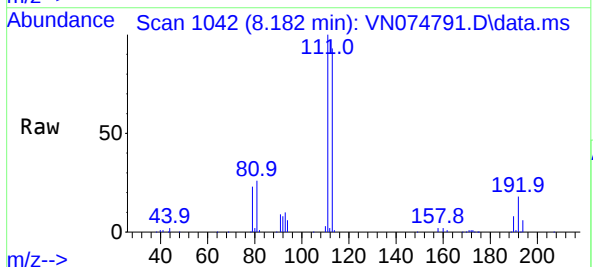
Tgt Ion:113 Resp: 232416

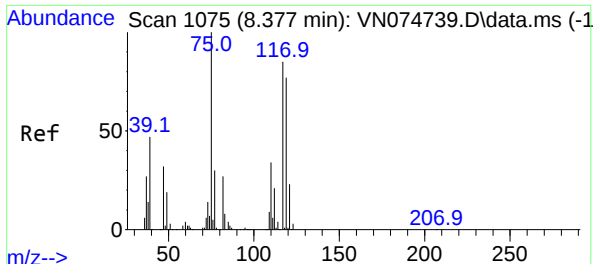
Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.6

192 17.5 12.6 18.8

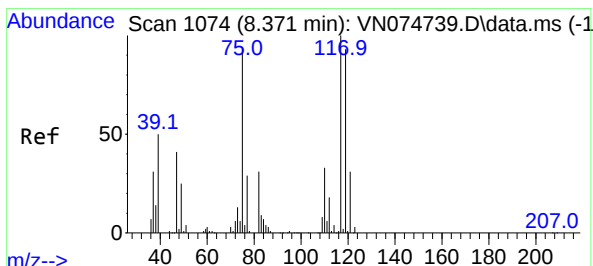
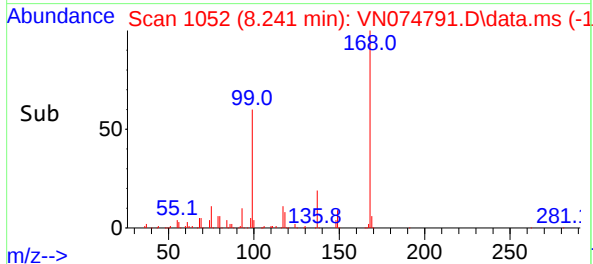
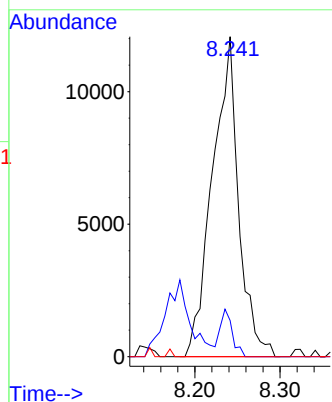
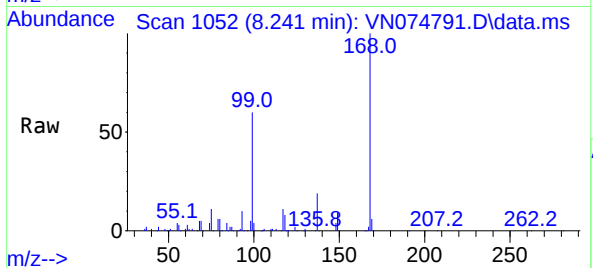




#36
1,1-Dichloropropene
Concen: 3.232 ug/l
RT: 8.241 min Scan# 1052
Delta R.T. -0.136 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

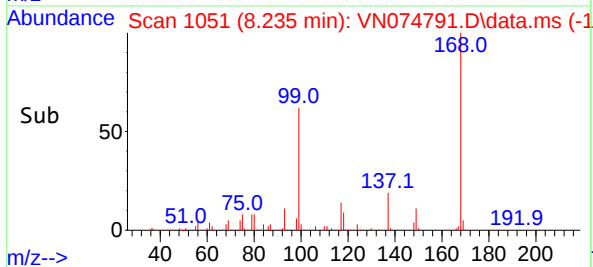
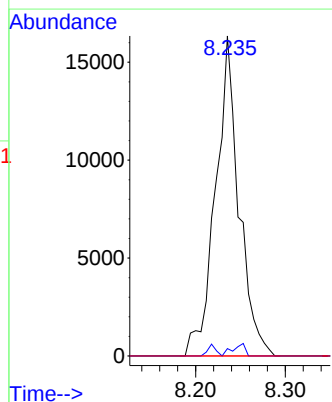
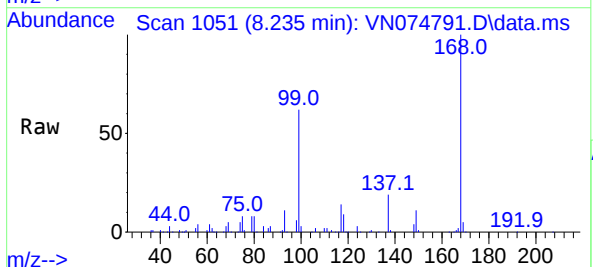
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

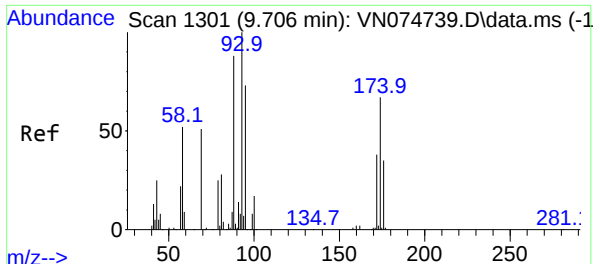
Tgt Ion: 75 Resp: 25785
Ion Ratio Lower Upper
75 100
110 6.8 17.2 51.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 3.932 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 117 Resp: 29582
Ion Ratio Lower Upper
117 100
119 2.3 74.3 111.5#
121 0.0 25.0 37.4#

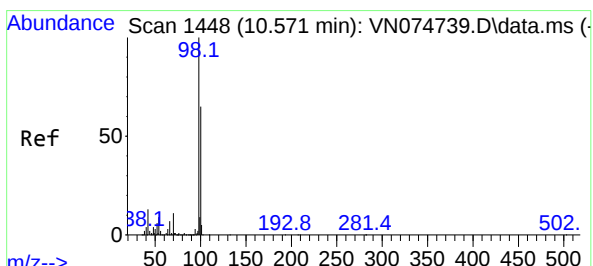
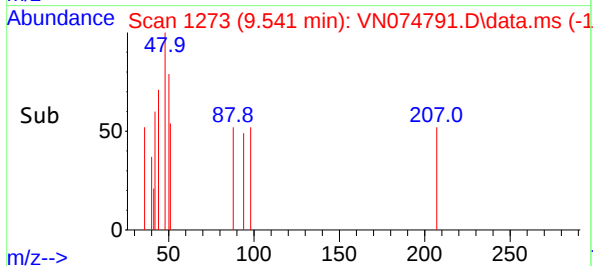
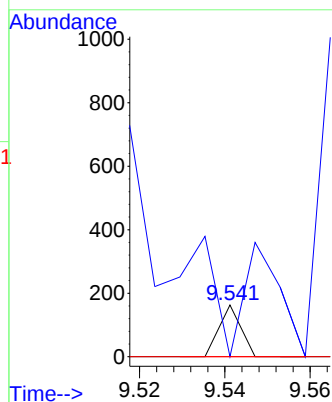
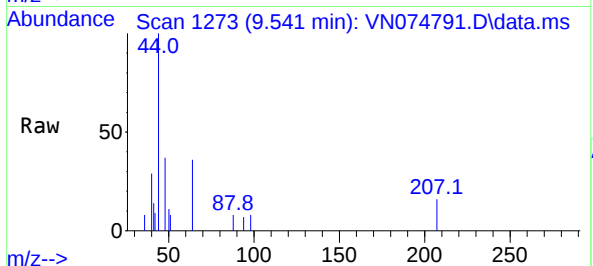




#49
1,4-Dioxane
Concen: 0.324 ug/l
RT: 9.541 min Scan# 11
Delta R.T. -0.165 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

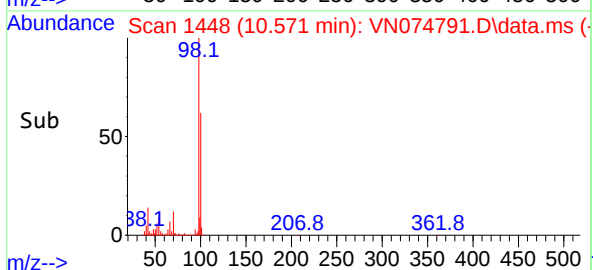
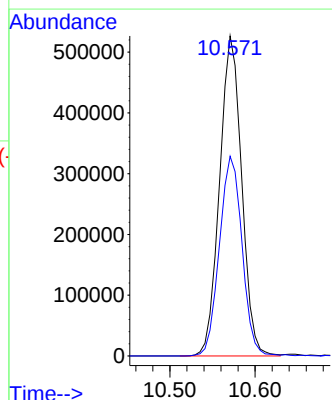
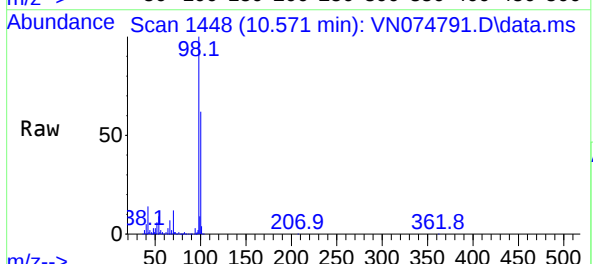
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

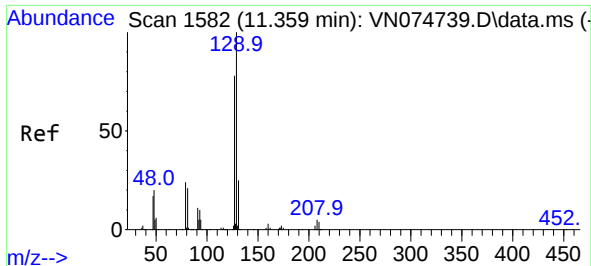
Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 54.9 82.3#



#50
Toluene-d8
Concen: 44.841 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 98 Resp: 948308
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1

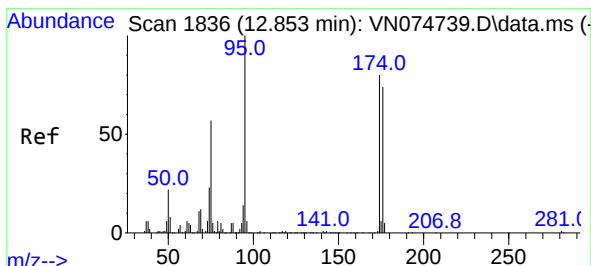
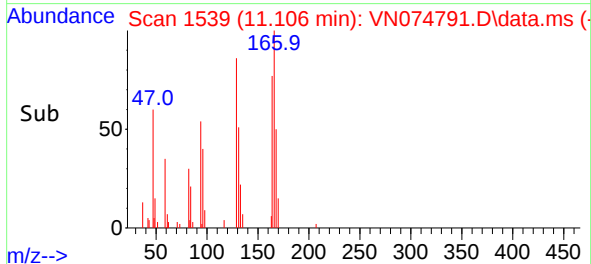
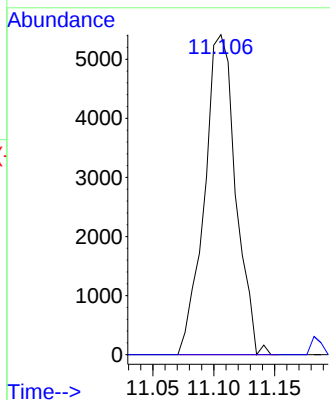
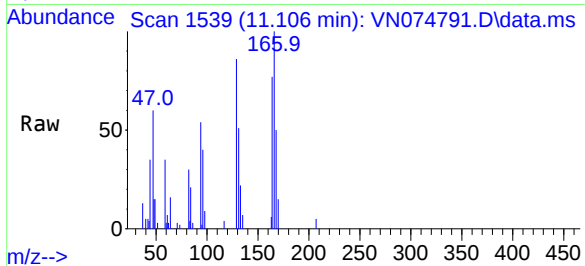




#60
Dibromochloromethane
Concen: 1.576 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

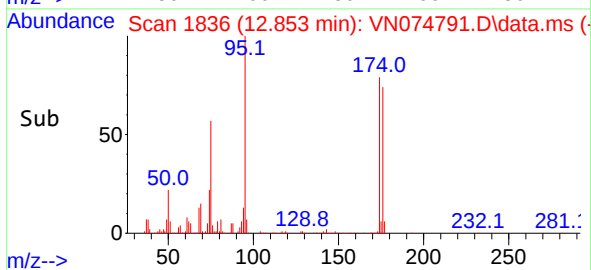
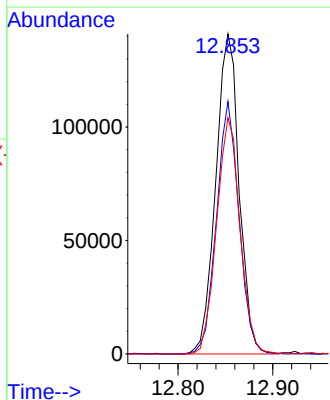
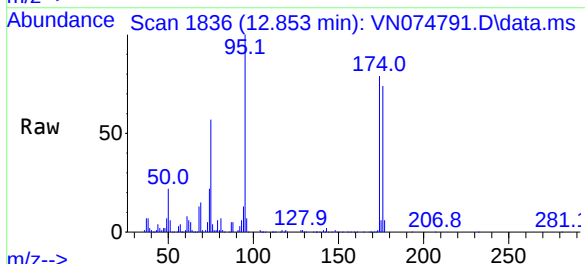
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

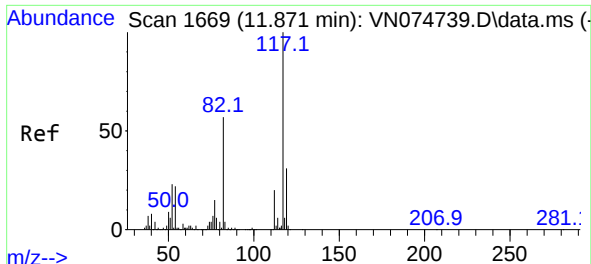
Tgt Ion:129 Resp: 9685
Ion Ratio Lower Upper
129 100
127 0.0 39.5 118.3#



#62
4-Bromofluorobenzene
Concen: 37.628 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 95 Resp: 241904
Ion Ratio Lower Upper
95 100
174 76.0 0.0 149.4
176 73.7 0.0 142.0

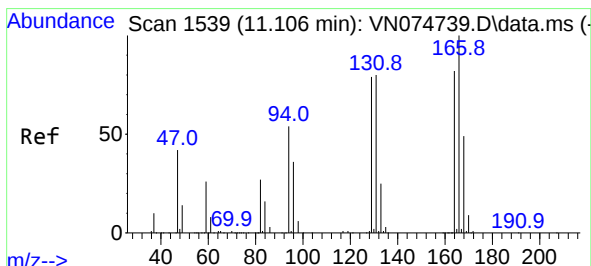
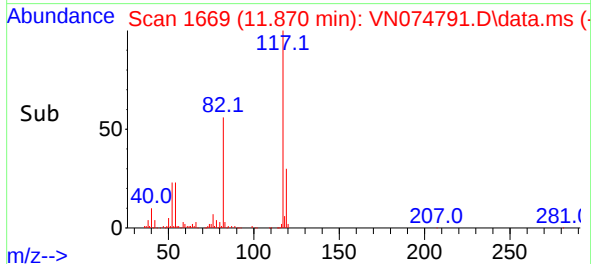
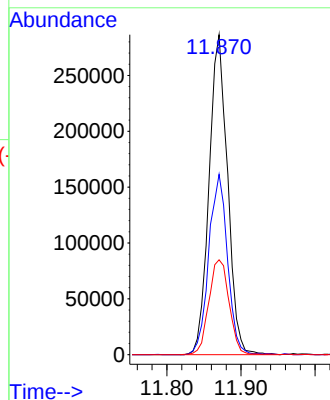
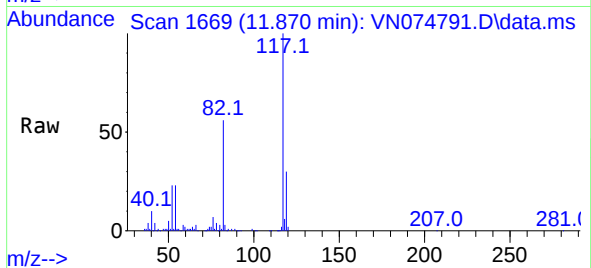




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

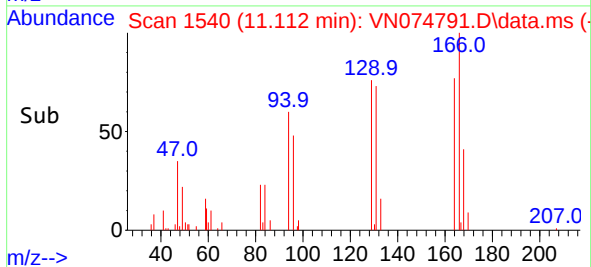
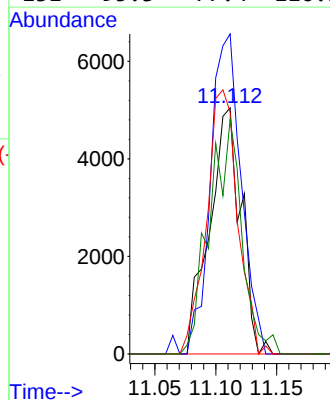
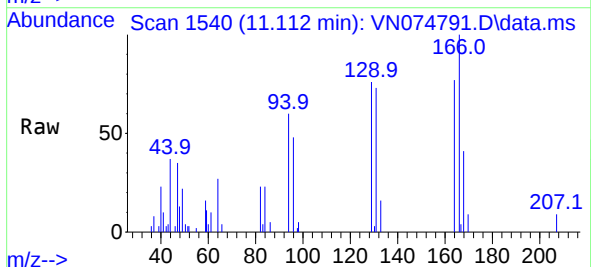
Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

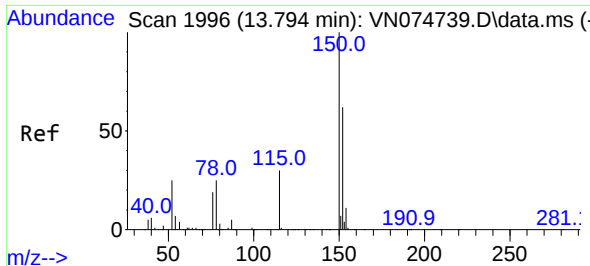
Tgt Ion:117 Resp: 496733
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 29.7 25.1 37.7



#64
Tetrachloroethene
Concen: 2.267 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion:164 Resp: 9140
Ion Ratio Lower Upper
164 100
166 130.0 97.0 145.6
129 98.2 77.0 115.6
131 95.3 77.4 116.2

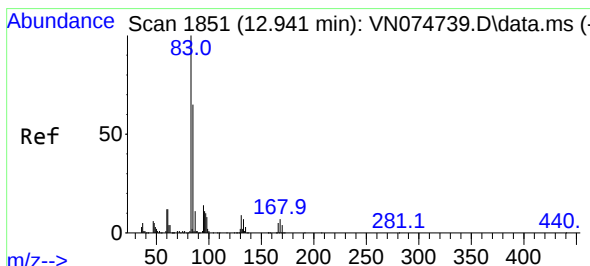
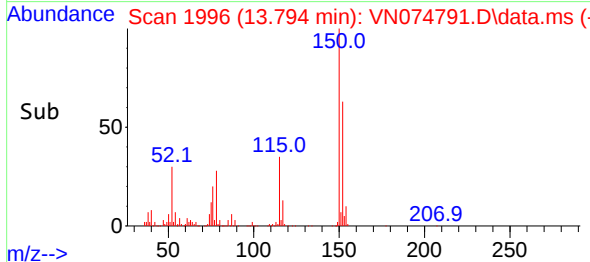
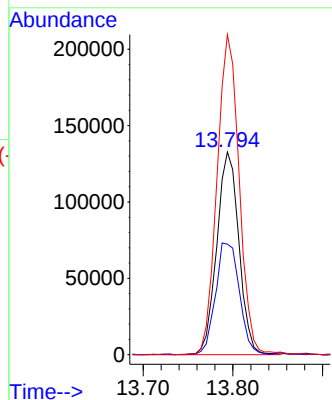
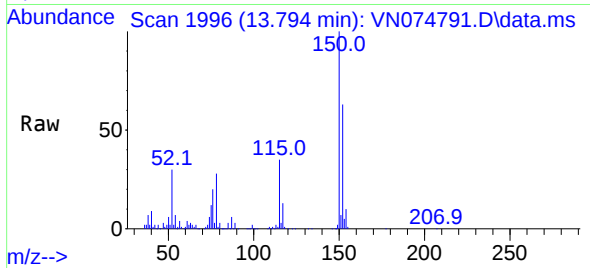




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074791.D
 Acq: 06 Oct 2022 18:16

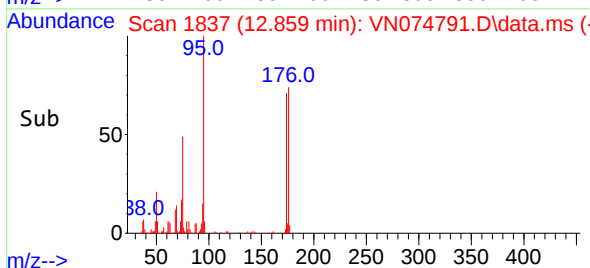
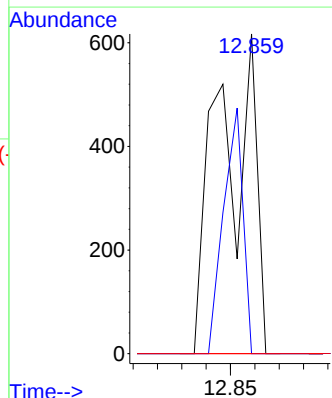
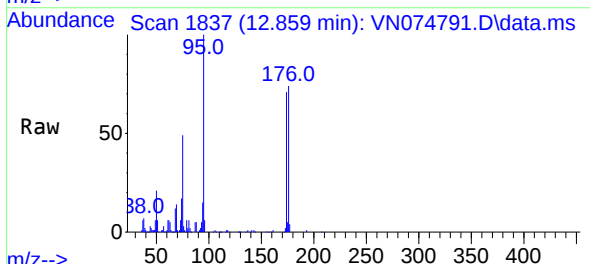
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DRE

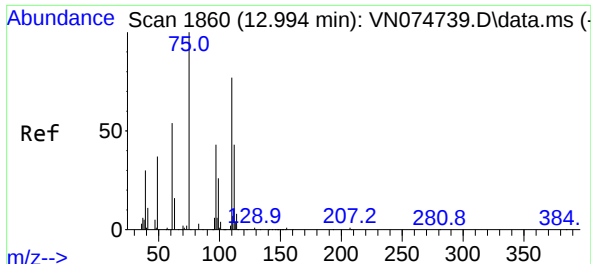
Tgt Ion:152 Resp: 227313
 Ion Ratio Lower Upper
 152 100
 115 59.1 30.0 90.0
 150 158.0 0.0 356.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.859 min Scan# 1837
 Delta R.T. -0.082 min
 Lab File: VN074791.D
 Acq: 06 Oct 2022 18:16

Tgt Ion: 83 Resp: 631
 Ion Ratio Lower Upper
 83 100
 131 41.7 4.3 12.8#
 85 0.0 32.9 98.6#

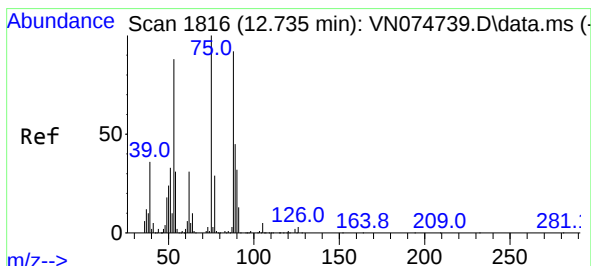
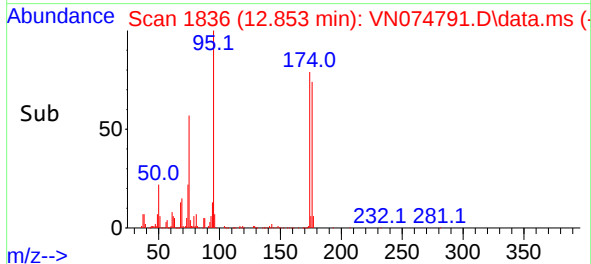
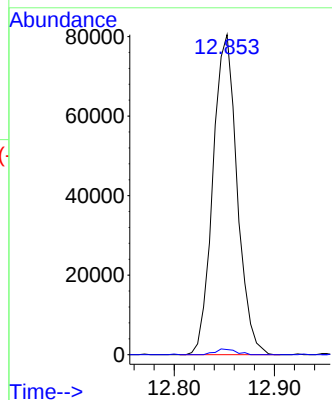
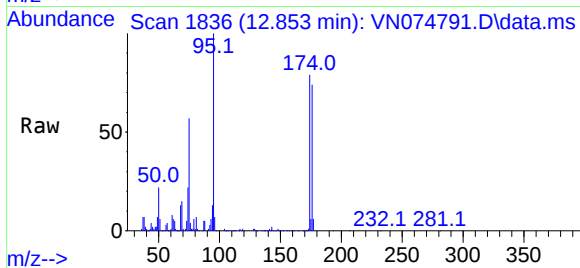




#76
1,2,3-Trichloropropane
Concen: 19.918 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-1DRE

Tgt Ion: 75 Resp: 135134
Ion Ratio Lower Upper
75 100
77 1.5 76.9 230.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 38.807 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074791.D
Acq: 06 Oct 2022 18:16

Tgt Ion: 75 Resp: 135134
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.0#
89 0.0 32.1 48.1#

