

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074794.D
 Acq On : 06 Oct 2022 19:29
 Operator : JC\MD
 Sample : N4910-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2RE

Quant Time: Oct 06 19:49:39 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)

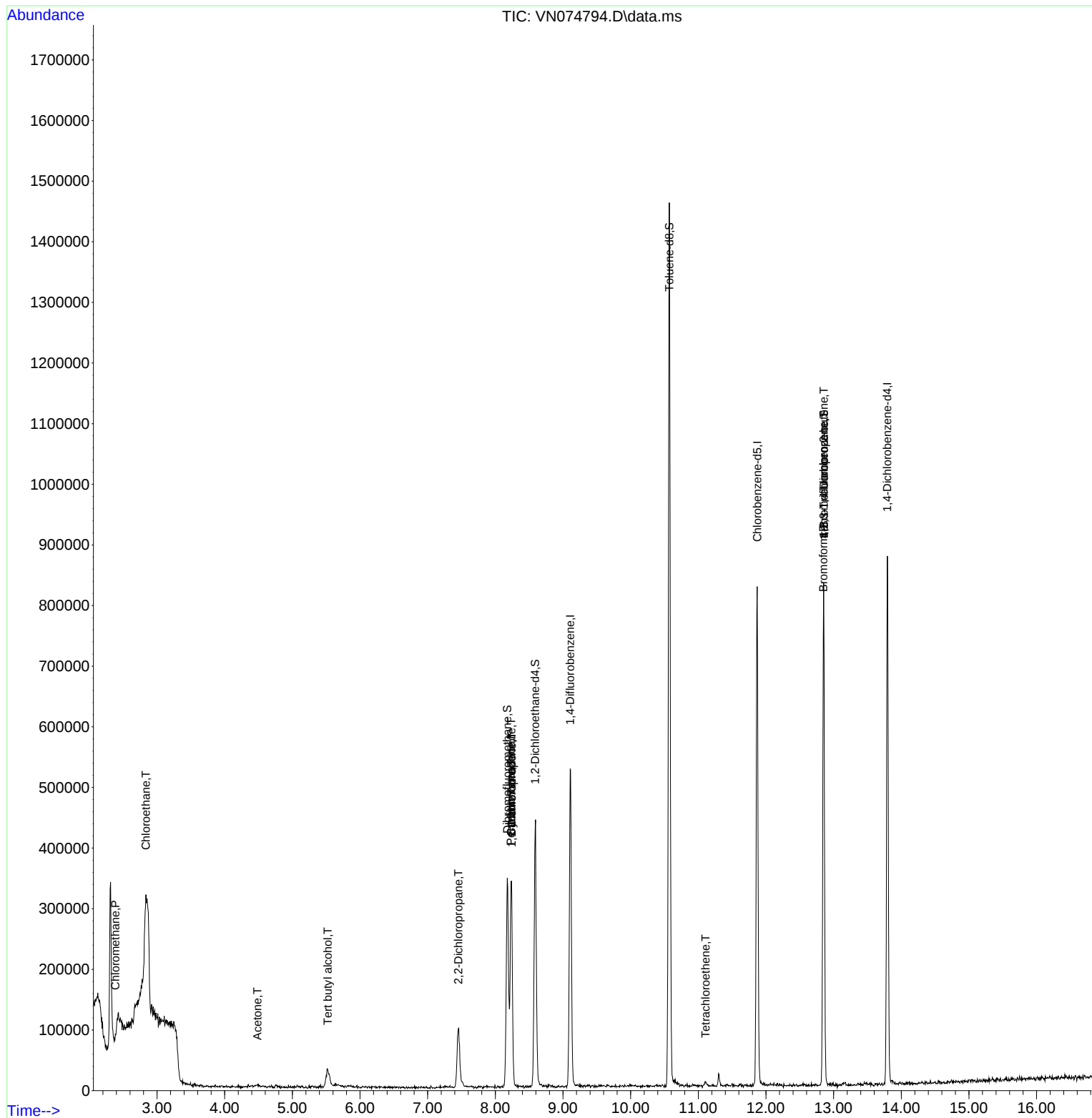
Internal Standards						
1) Pentafluorobenzene	8.229	168	244769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	455345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309177	53.310	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.620%		
35) Dibromofluoromethane	8.177	113	240275	52.227	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.460%		
50) Toluene-d8	10.571	98	981130	49.701	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.400%		
62) 4-Bromofluorobenzene	12.853	95	253425	42.232	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.460%		
Target Compounds						Qvalue
3) Chloromethane	2.383	50	1956	0.262	ug/l #	41
6) Chloroethane	2.836	64	254521	37.218	ug/l #	53
11) Tert butyl alcohol	5.524	59	26784	13.789	ug/l #	77
13) Acrolein	4.189	56	205	Below Cal	#	1
16) Acetone	4.483	43	5788	1.761	ug/l	100
20) Methylene Chloride	5.294	84	1426	Below Cal	#	31
26) 2,2-Dichloropropane	7.453	77	6919	0.785	ug/l #	54
31) Cyclohexane	8.235	56	8273	0.825	ug/l #	30
36) 1,1-Dichloropropene	8.241	75	23359	3.137	ug/l #	43
38) Carbon Tetrachloride	8.235	117	25831	3.678	ug/l #	16
64) Tetrachloroethene	11.106	164	1199	0.329	ug/l #	47
71) Bromoform	12.847	173	2697	0.705	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.988	83	73	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	150122	23.199	ug/l #	1
77) Bromobenzene	13.053	156	63	Below Cal	#	60
81) trans-1,4-Dichloro-2-b...	12.853	75	150122	45.199	ug/l #	14

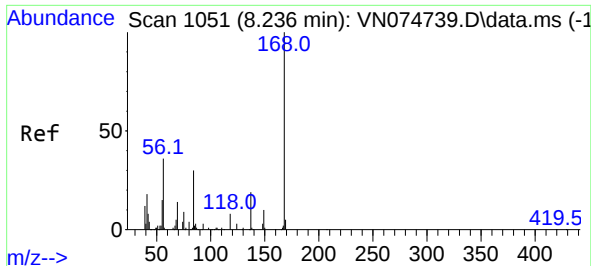
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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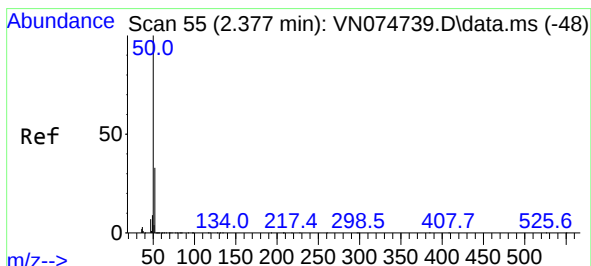
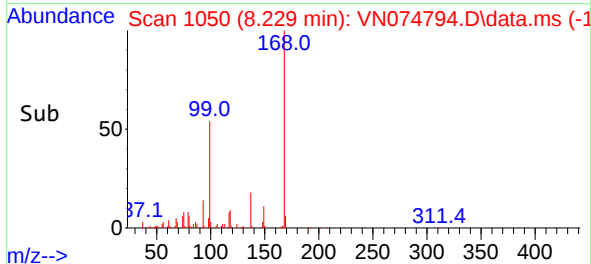
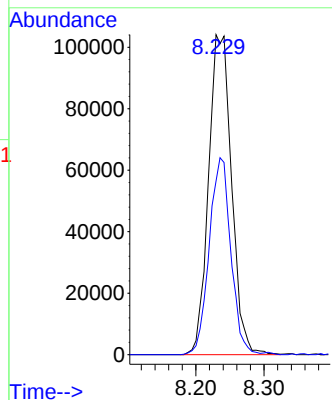
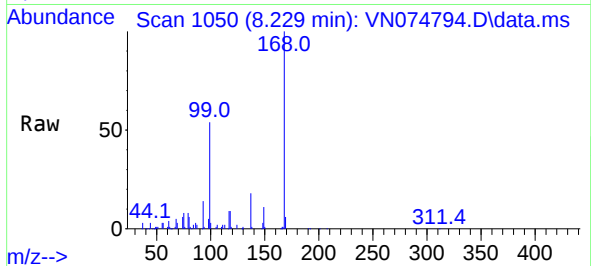




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

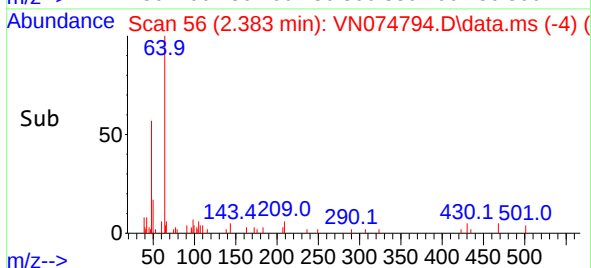
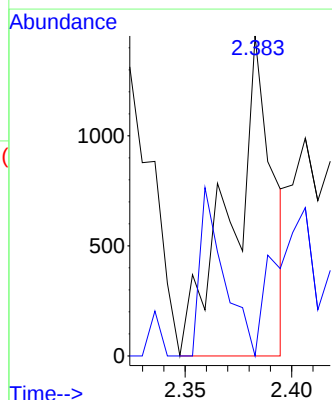
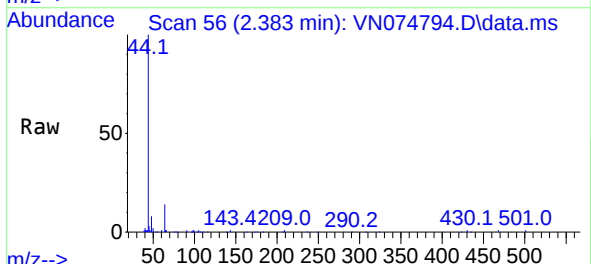
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

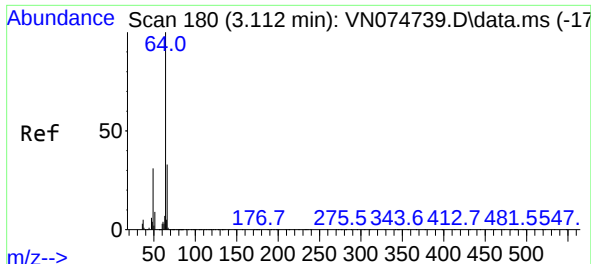
Tgt Ion:168 Resp: 244769
Ion Ratio Lower Upper
168 100
99 54.2 42.8 64.2



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.383 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 50 Resp: 1956
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

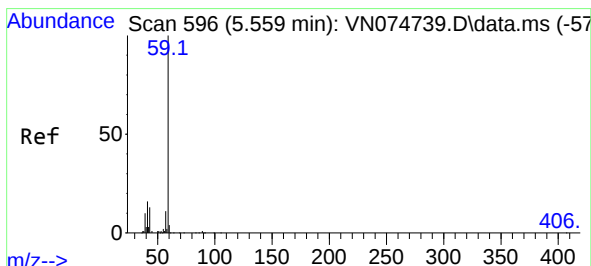
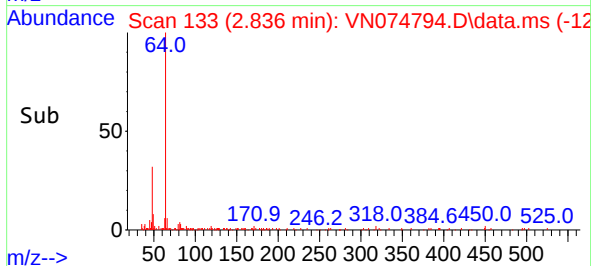
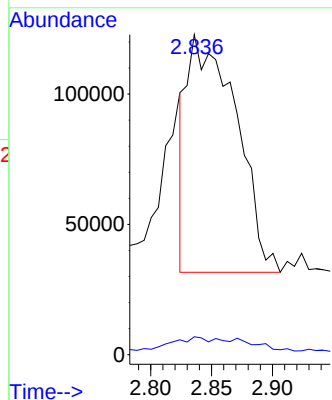
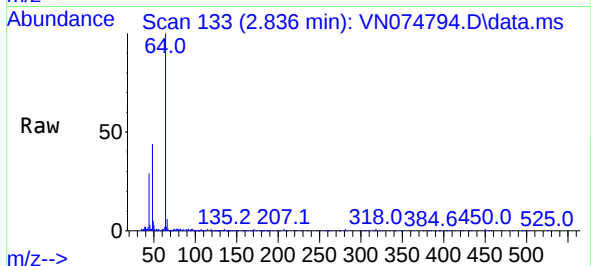




#6
Chloroethane
Concen: 37.218 ug/l
RT: 2.836 min Scan# 11
Delta R.T. -0.277 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

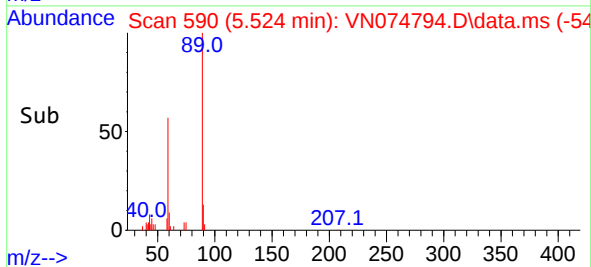
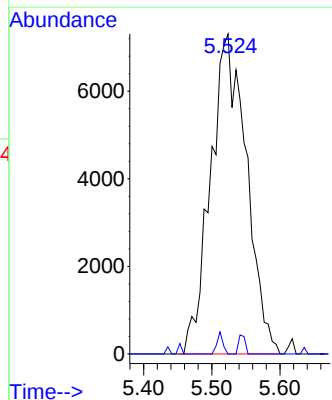
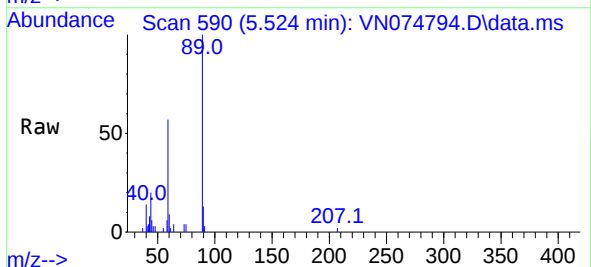
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

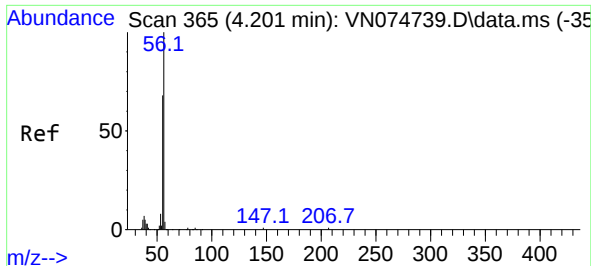
Tgt Ion: 64 Resp: 254521
Ion Ratio Lower Upper
64 100
66 5.5 25.1 37.7#



#11
Tert butyl alcohol
Concen: 13.789 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.036 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 59 Resp: 26784
Ion Ratio Lower Upper
59 100
57 1.1 7.7 11.5#

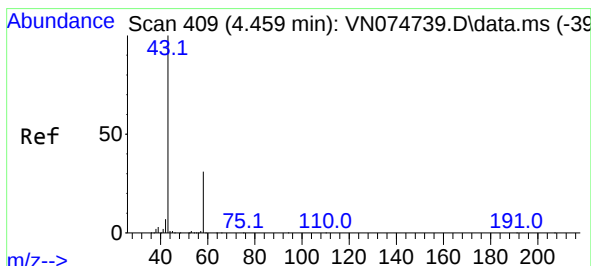
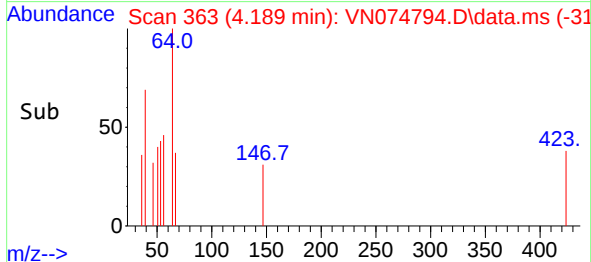
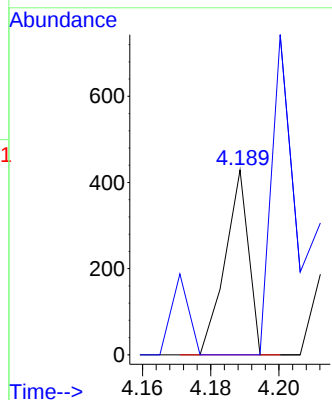
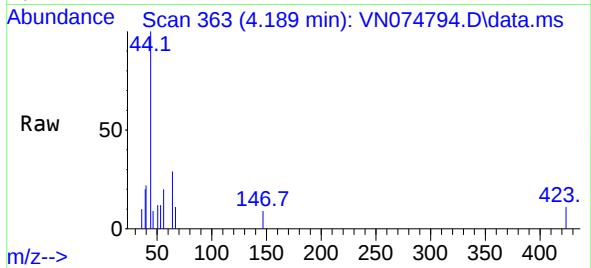




#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 30
Delta R.T. -0.012 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

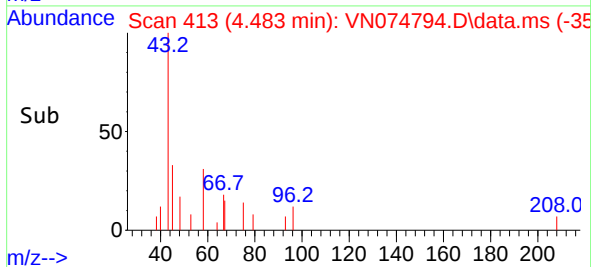
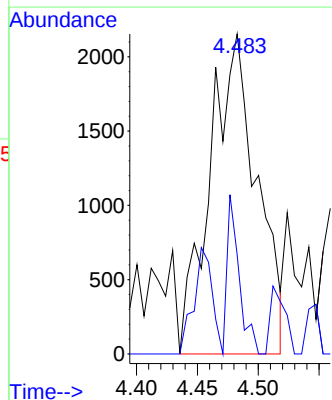
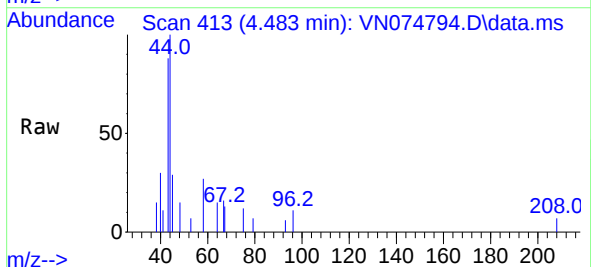
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

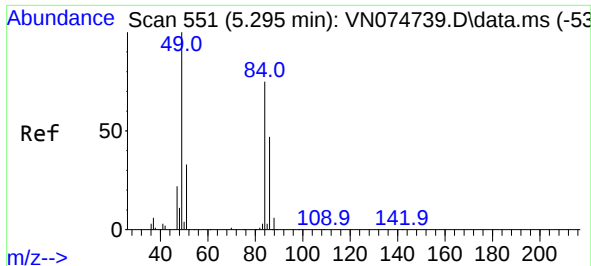
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 323.9 54.9 82.3#



#16
Acetone
Concen: 1.761 ug/l
RT: 4.483 min Scan# 413
Delta R.T. 0.023 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
58 31.0 24.9 37.3



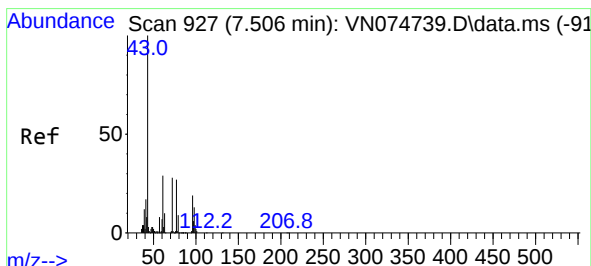
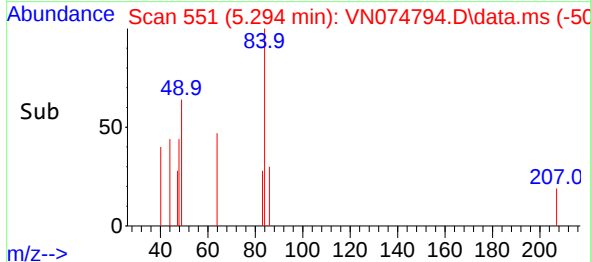
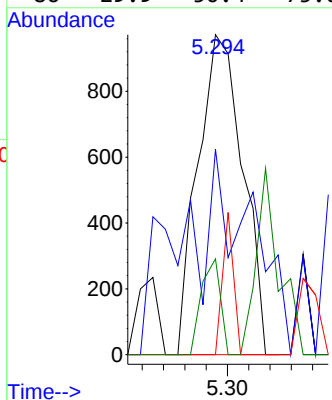
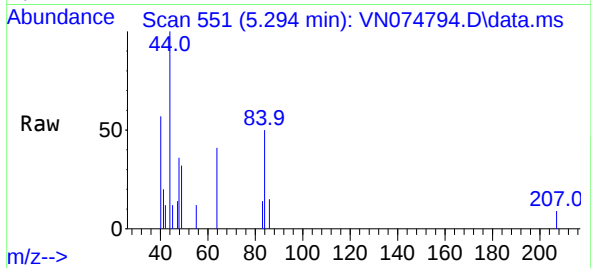


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

Tgt Ion: 84 Resp: 1426

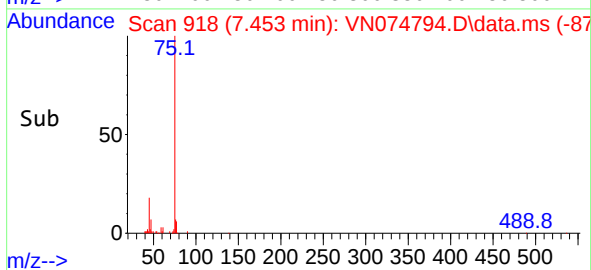
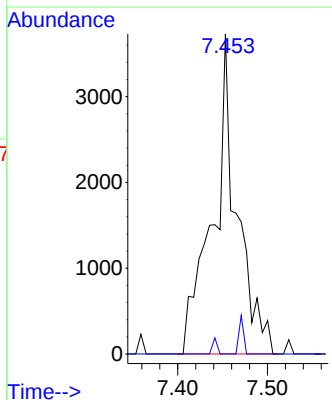
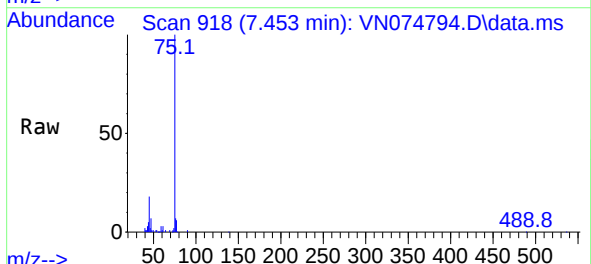
Ion	Ratio	Lower	Upper
84	100		
49	36.3	107.4	161.0#
51	0.0	35.1	52.7#
86	29.9	50.4	75.6#

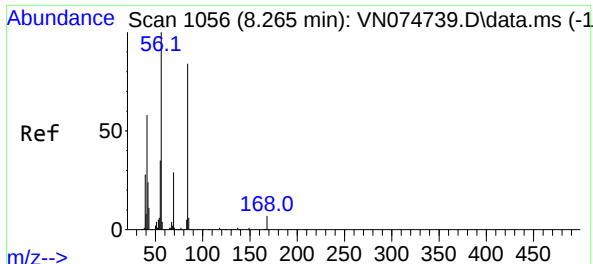


#26
2,2-Dichloropropane
Concen: 0.785 ug/l
RT: 7.453 min Scan# 918
Delta R.T. -0.053 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 77 Resp: 6919

Ion	Ratio	Lower	Upper
77	100		
97	1.0	11.8	35.3#





#31

Cyclohexane

Concen: 0.825 ug/l

RT: 8.235 min Scan# 1056

Delta R.T. -0.030 min

Lab File: VN074794.D

Acq: 06 Oct 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

MW-2RE

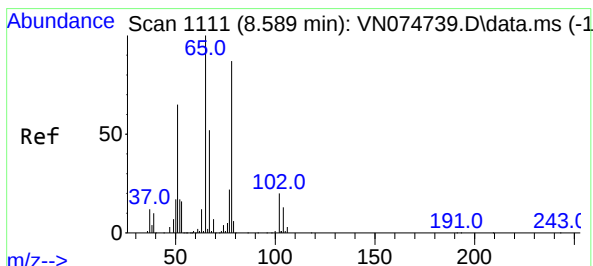
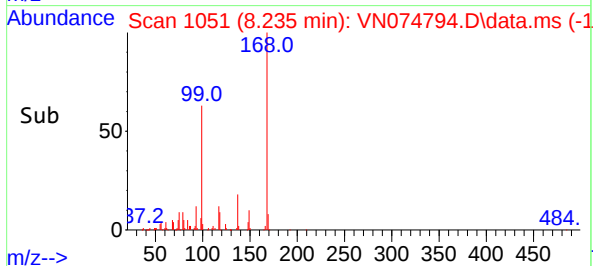
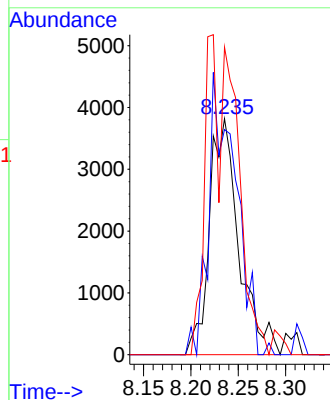
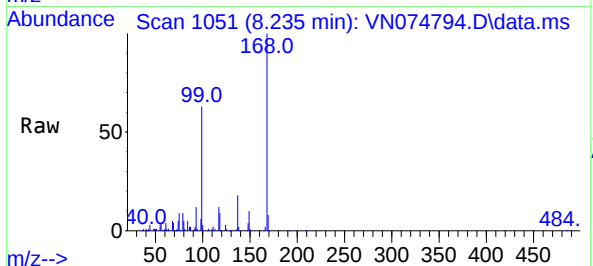
Tgt Ion: 56 Resp: 8273

Ion Ratio Lower Upper

56 100

69 95.4 23.1 34.7#

84 130.3 67.1 100.7#



#33

1,2-Dichloroethane-d4

Concen: 53.310 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074794.D

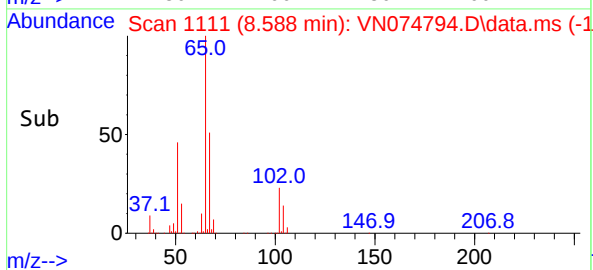
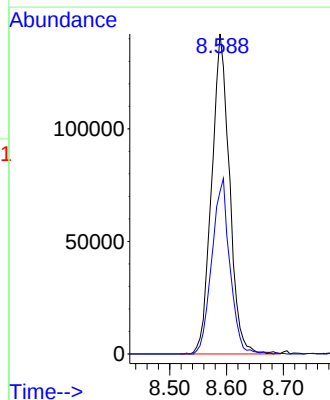
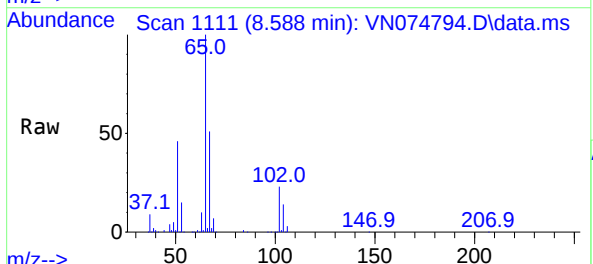
Acq: 06 Oct 2022 19:29

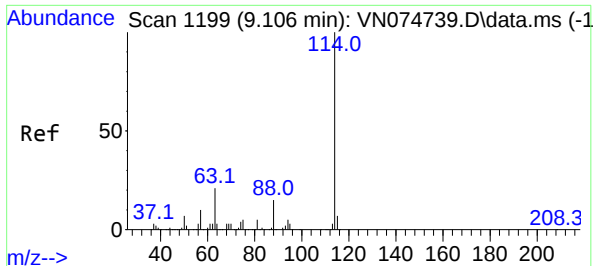
Tgt Ion: 65 Resp: 309177

Ion Ratio Lower Upper

65 100

67 55.1 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: VN074794.D

Acq: 06 Oct 2022 19:29

Instrument :

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ClientSampleId :

MW-2RE

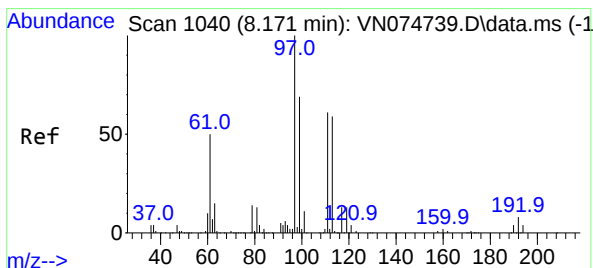
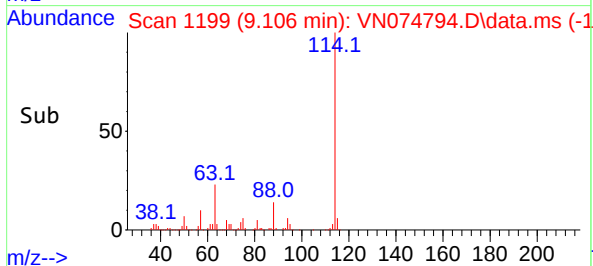
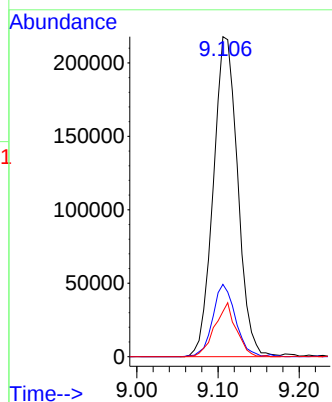
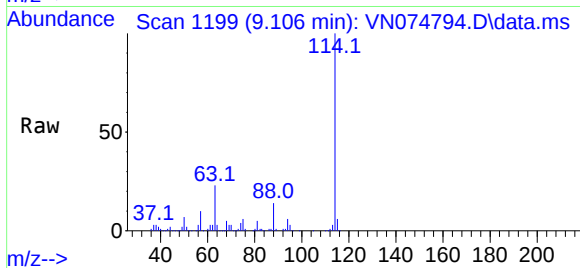
Tgt Ion:114 Resp: 455345

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.227 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074794.D

Acq: 06 Oct 2022 19:29

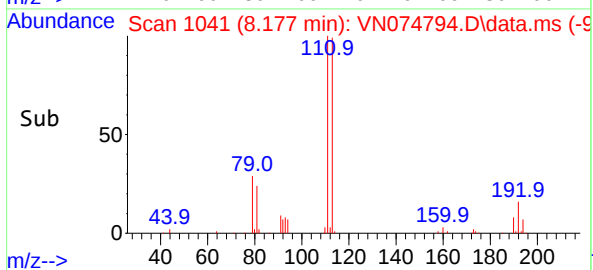
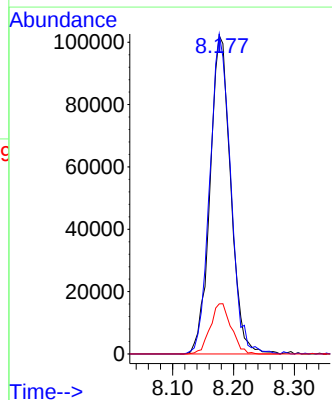
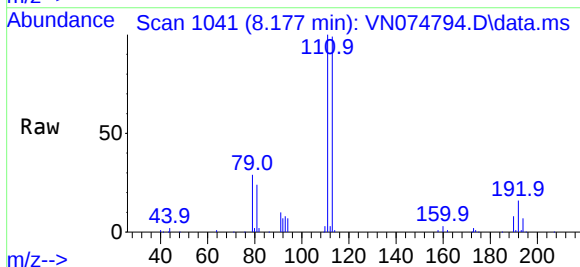
Tgt Ion:113 Resp: 240275

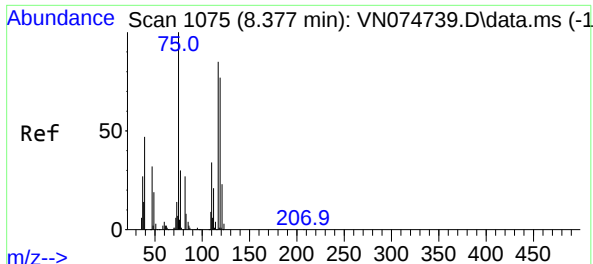
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

192 16.0 12.6 18.8





#36

1,1-Dichloropropene

Concen: 3.137 ug/l

RT: 8.241 min Scan# 1052

Delta R.T. -0.136 min

Lab File: VN074794.D

Acq: 06 Oct 2022 19:29

Instrument :

MSVOA_N

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MW-2RE

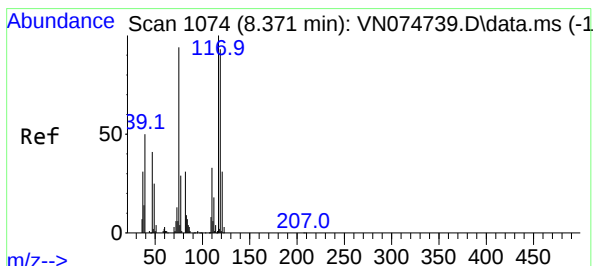
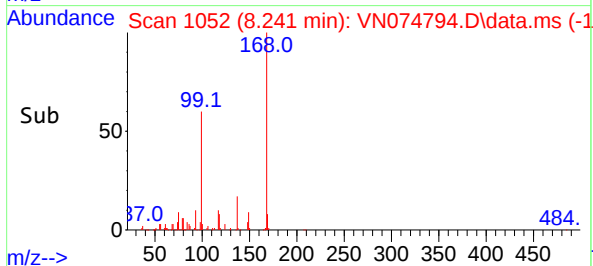
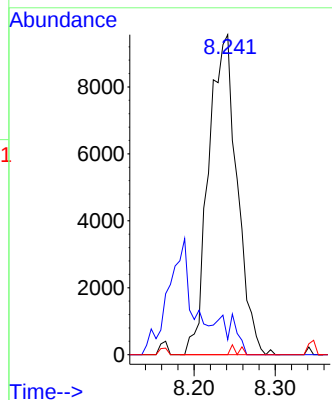
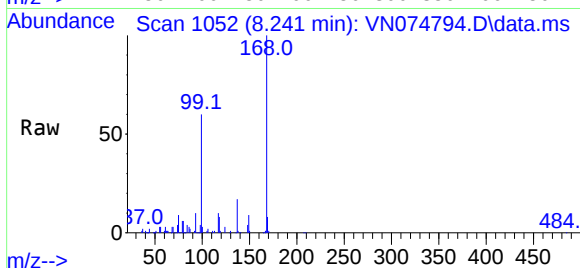
Tgt Ion: 75 Resp: 23359

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

77 0.8 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 3.678 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.136 min

Lab File: VN074794.D

Acq: 06 Oct 2022 19:29

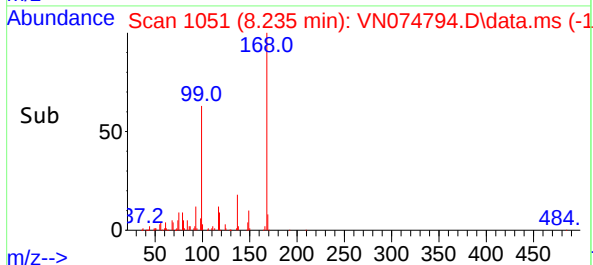
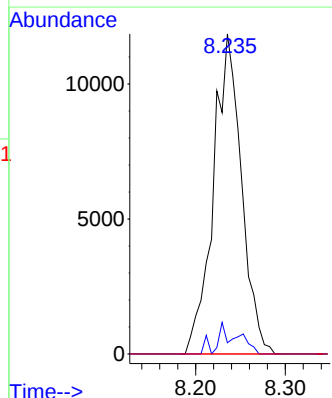
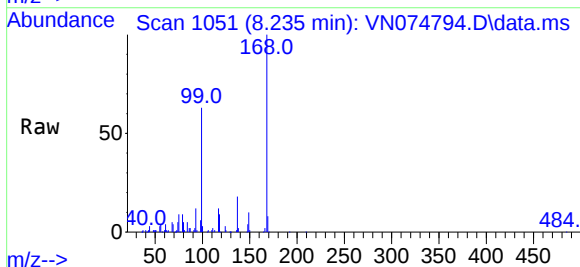
Tgt Ion: 117 Resp: 25831

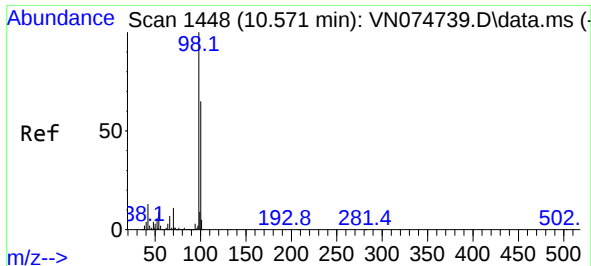
Ion Ratio Lower Upper

117 100

119 3.5 74.3 111.5#

121 0.0 25.0 37.4#

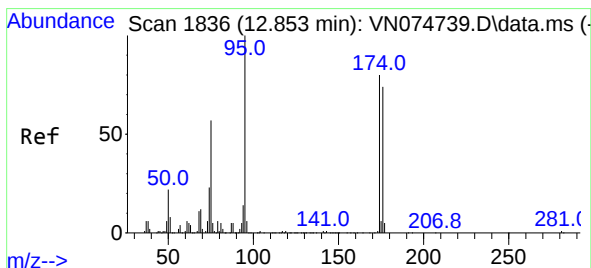
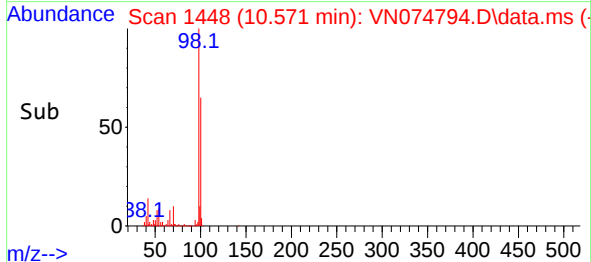
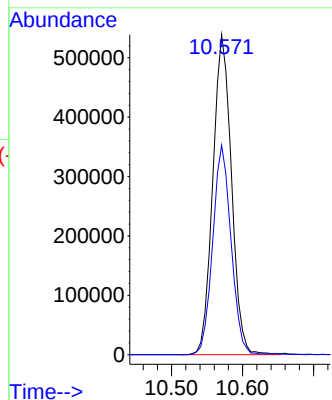
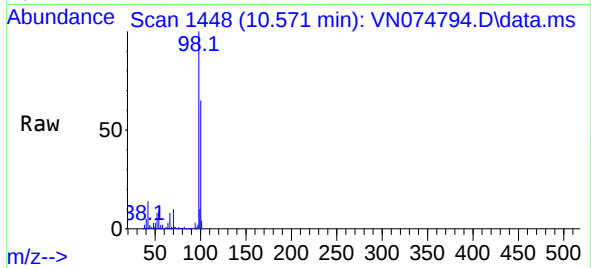




#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

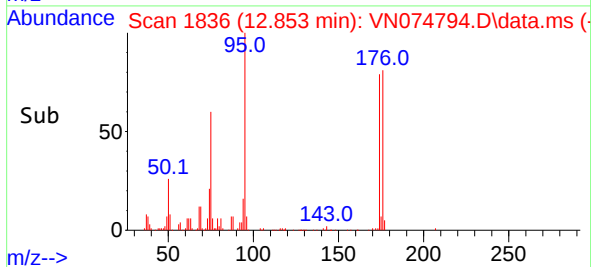
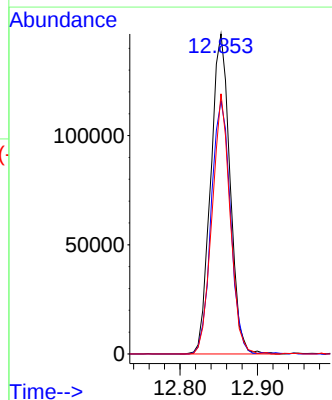
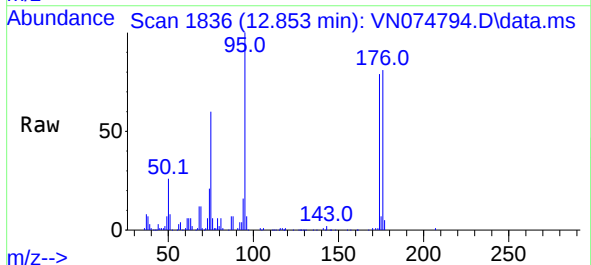
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

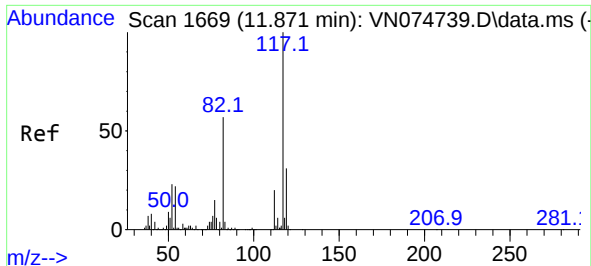
Tgt Ion: 98 Resp: 981130
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 95 Resp: 253425
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.4
176 75.7 0.0 142.0

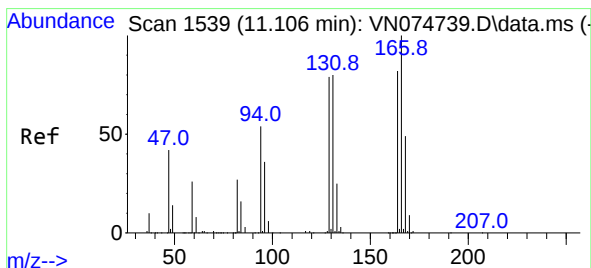
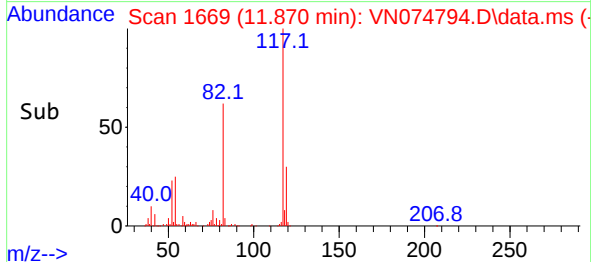
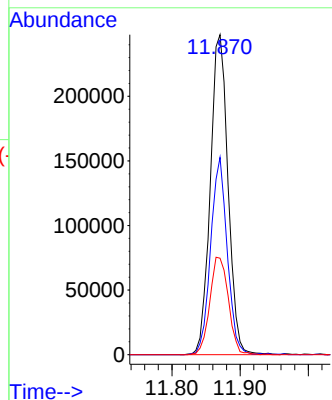
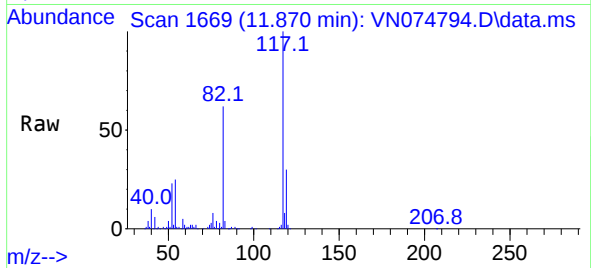




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

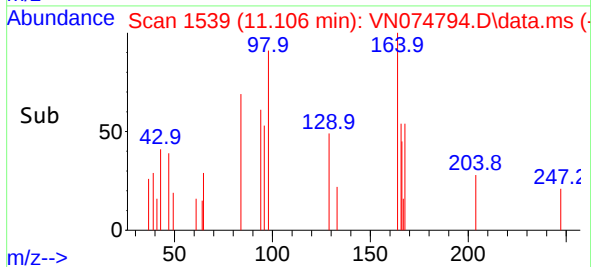
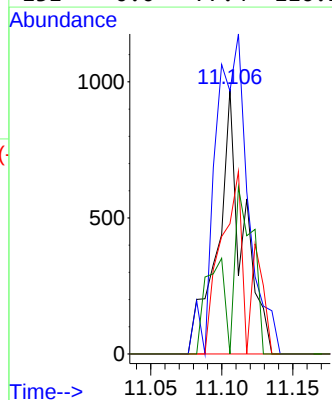
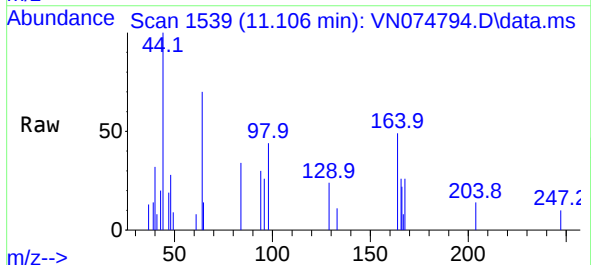
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

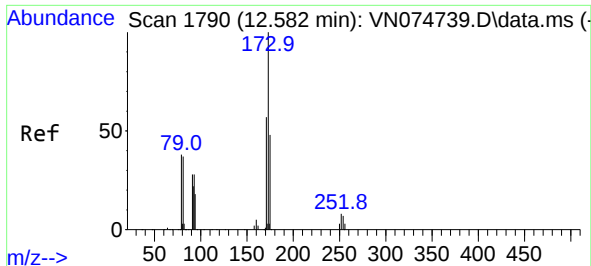
Tgt Ion:117 Resp: 448339
Ion Ratio Lower Upper
117 100
82 61.7 45.4 68.2
119 30.2 25.1 37.7



#64
Tetrachloroethene
Concen: 0.329 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion:164 Resp: 1199
Ion Ratio Lower Upper
164 100
166 99.3 97.0 145.6
129 49.2 77.0 115.6#
131 0.0 77.4 116.2#

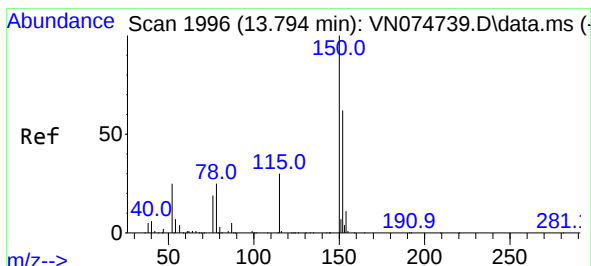
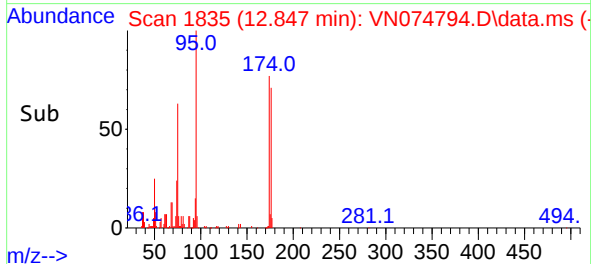
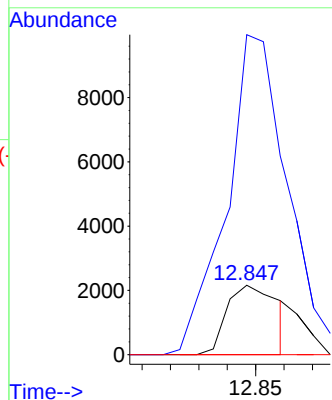
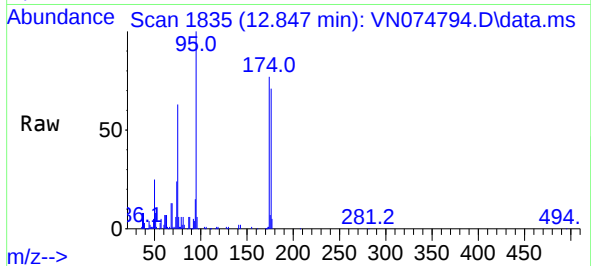




#71
Bromoform
Concen: 0.705 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.264 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

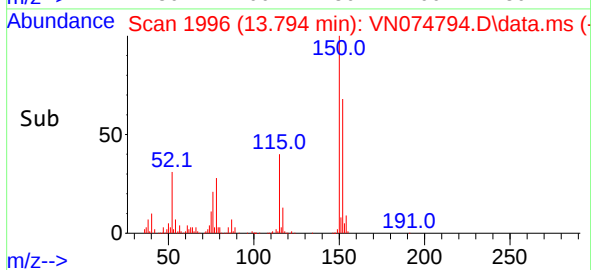
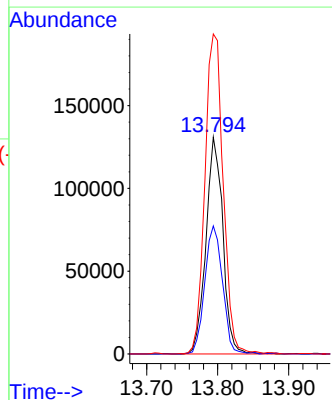
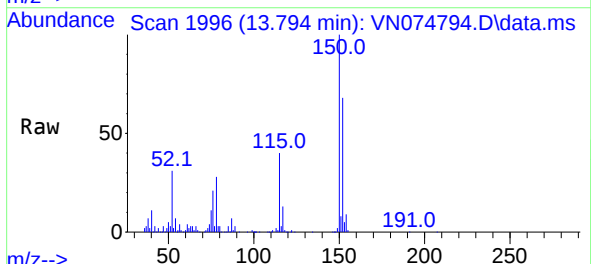
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

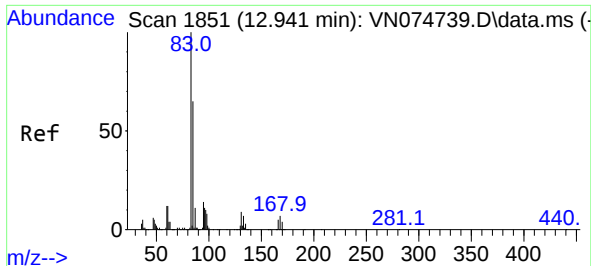
Tgt Ion:173 Resp: 2697
Ion Ratio Lower Upper
173 100
175 465.1 23.9 71.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion:152 Resp: 216809
Ion Ratio Lower Upper
152 100
115 62.1 30.0 90.0
150 159.7 0.0 356.4

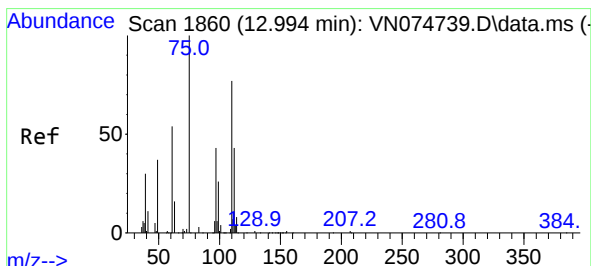
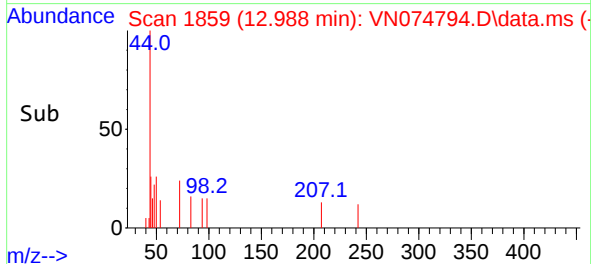
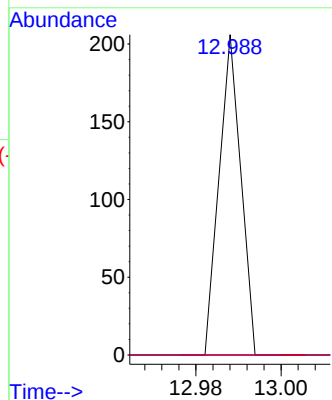
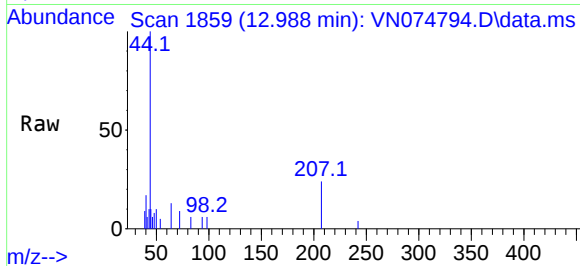




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.988 min Scan# 1859
Delta R.T. 0.047 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

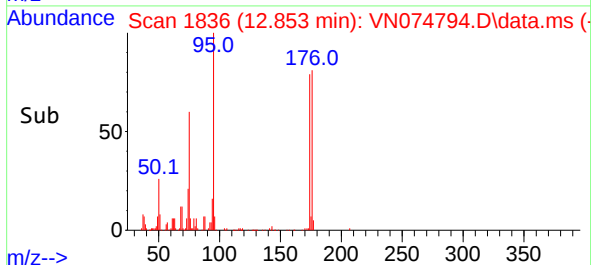
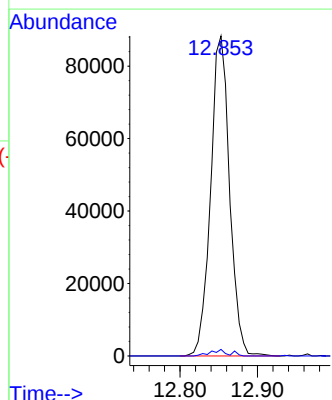
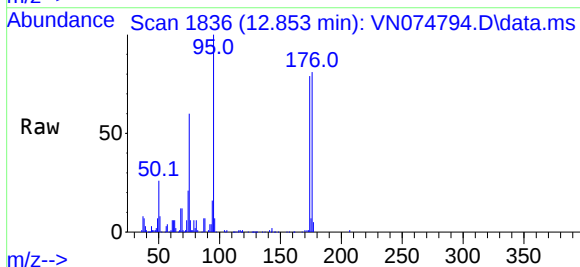
Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

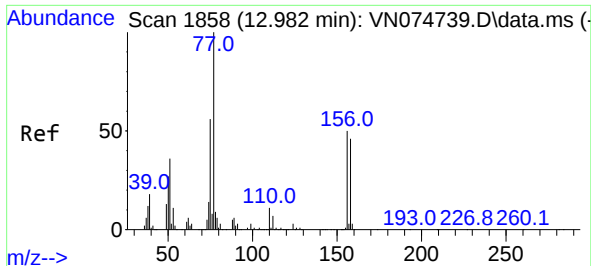
Tgt Ion: 83 Resp: 73
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#



#76
1,2,3-Trichloropropane
Concen: 23.199 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 75 Resp: 150122
Ion Ratio Lower Upper
75 100
77 1.5 76.9 230.7#

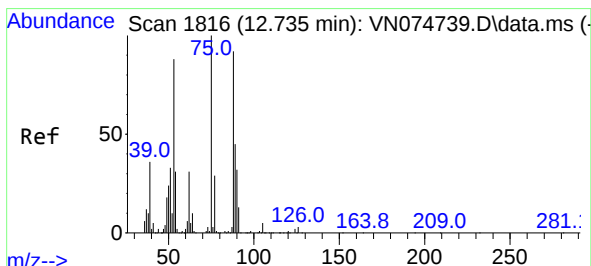
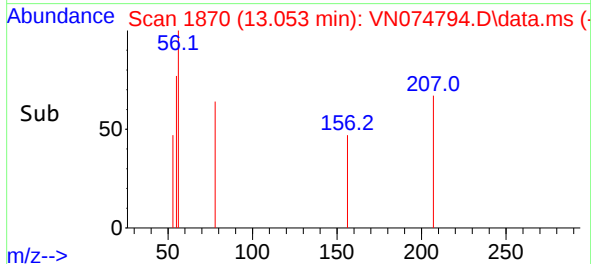
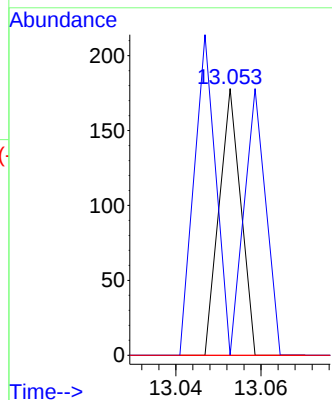
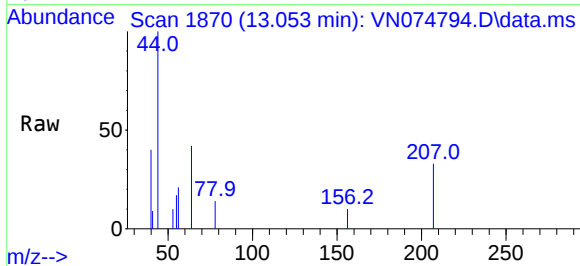




#77
Bromobenzene
Concen: Below Cal
RT: 13.053 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
MW-2RE

Tgt Ion:156 Resp: 63
Ion Ratio Lower Upper
156 100
77 219.0 124.7 374.1
158 0.0 48.3 144.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.199 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074794.D
Acq: 06 Oct 2022 19:29

Tgt Ion: 75 Resp: 150122
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.1 32.1 48.1#

