

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074090.D
 Acq On : 24 Aug 2022 14:36
 Operator : JC\MD
 Sample : N4244-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-104D

Quant Time: Aug 25 07:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

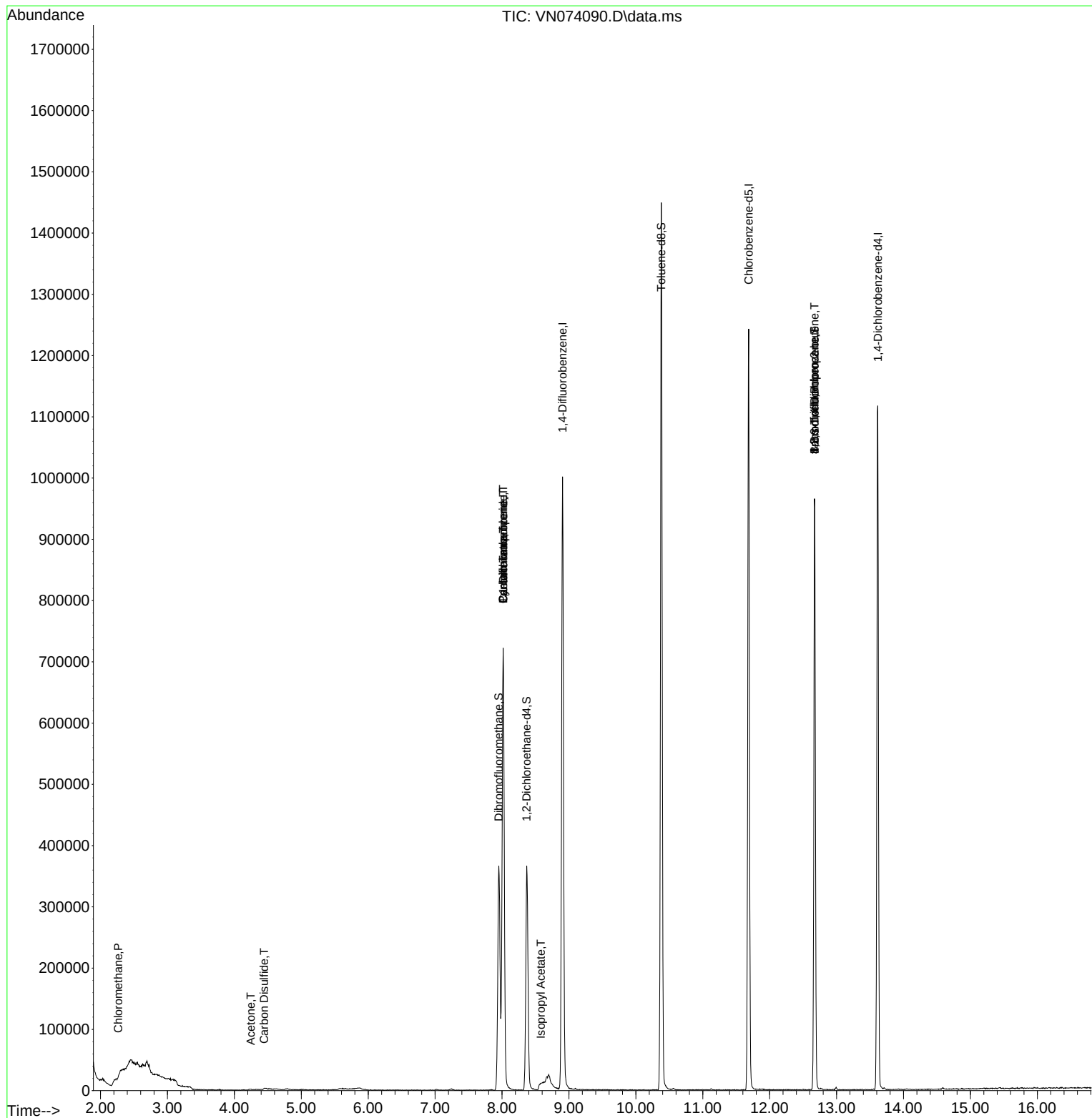
Internal Standards							
1) Pentafluorobenzene		8.016	168	607102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.904	114	922554	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.686	117	764663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.616	152	334858	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.369	65	307457	51.995	ug/l	0.00
Spiked Amount 50.000		Range	74 - 125	Recovery	=	104.000%	
35) Dibromofluoromethane		7.951	113	274622	50.335	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	=	100.680%	
50) Toluene-d8		10.381	98	1021268	48.332	ug/l	0.00
Spiked Amount 50.000		Range	86 - 113	Recovery	=	96.660%	
62) 4-Bromofluorobenzene		12.669	95	321312	45.818	ug/l	0.00
Spiked Amount 50.000		Range	83 - 123	Recovery	=	91.640%	
Target Compounds							Qvalue
3) Chloromethane		2.263	50	1836	0.343	ug/l #	79
16) Acetone		4.246	43	3011	1.079	ug/l	90
17) Carbon Disulfide		4.446	76	6287	0.552	ug/l #	75
18) Methyl Acetate		4.798	43	4119	Below Cal	#	84
31) Cyclohexane		8.016	56	9377	1.138	ug/l #	1
36) 1,1-Dichloropropene		8.016	75	40375	5.328	ug/l #	50
38) Carbon Tetrachloride		8.016	117	54311	6.270	ug/l #	17
43) Isopropyl Acetate		8.581	43	11072	0.847	ug/l #	53
71) Bromoform		12.669	173	1877	0.342	ug/l #	28
76) 1,2,3-Trichloropropane		12.669	75	153489	22.053	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.669	75	153489	62.723	ug/l #	11

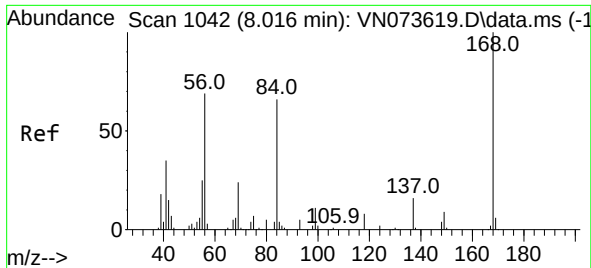
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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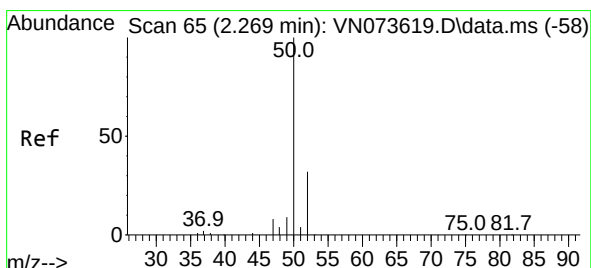
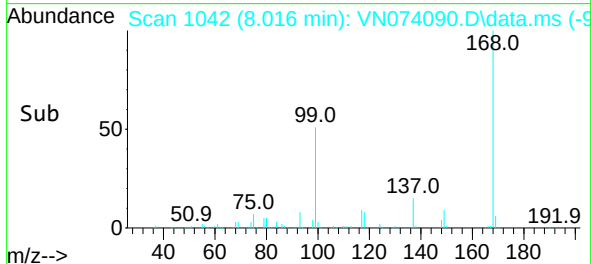
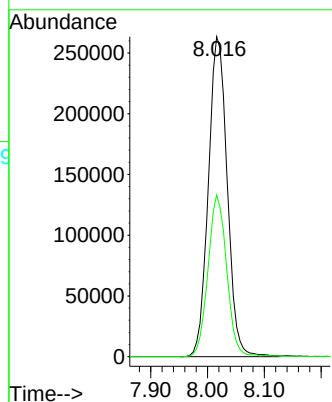
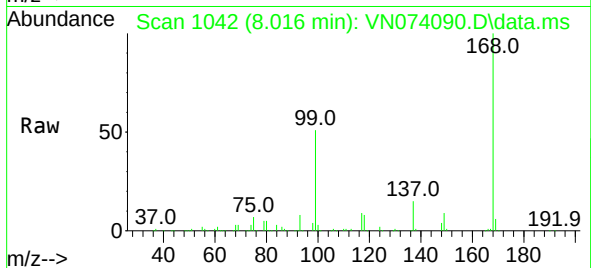




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

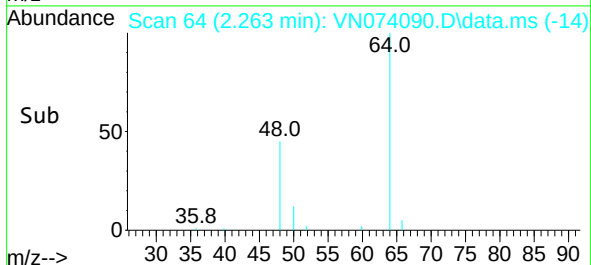
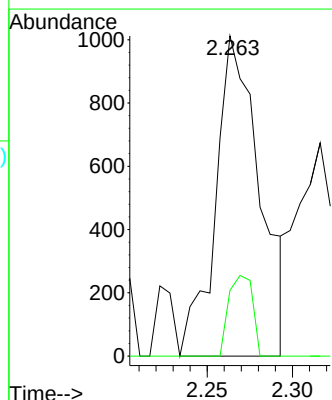
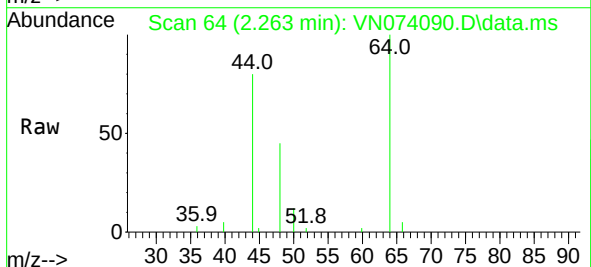
Instrument :
MSVOA_N
ClientSampleId :
MW-104D

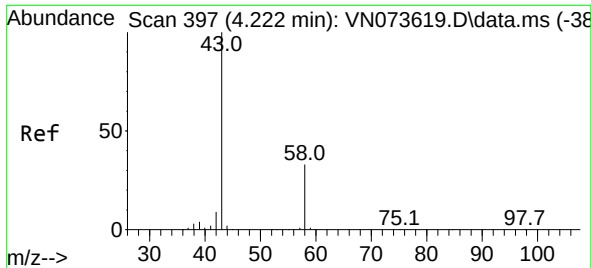
Tgt Ion:168 Resp: 607102
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#3
Chloromethane
Concen: 0.343 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

Tgt Ion: 50 Resp: 1836
Ion Ratio Lower Upper
50 100
52 20.6 25.7 38.5#





#16

Acetone

Concen: 1.079 ug/l

RT: 4.246 min Scan# 401

Delta R.T. 0.024 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

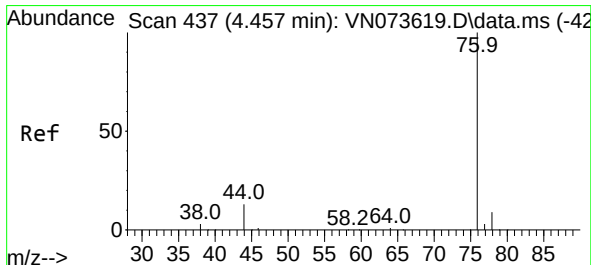
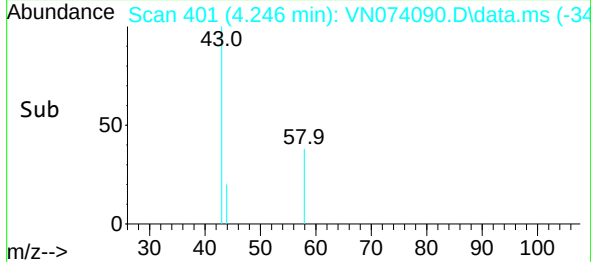
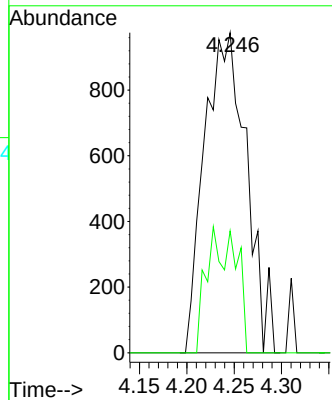
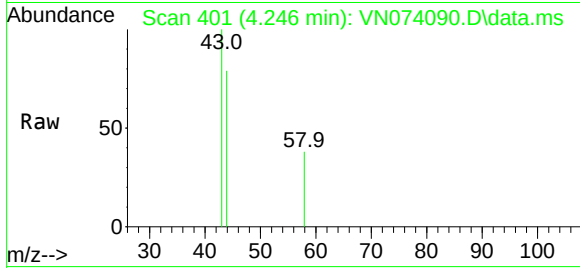
MW-104D

Tgt Ion: 43 Resp: 3011

Ion Ratio Lower Upper

43 100

58 38.1 26.0 39.0



#17

Carbon Disulfide

Concen: 0.552 ug/l

RT: 4.446 min Scan# 435

Delta R.T. -0.011 min

Lab File: VN074090.D

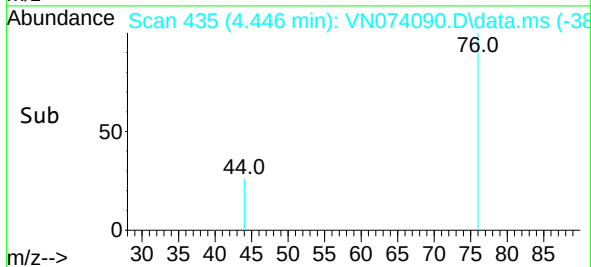
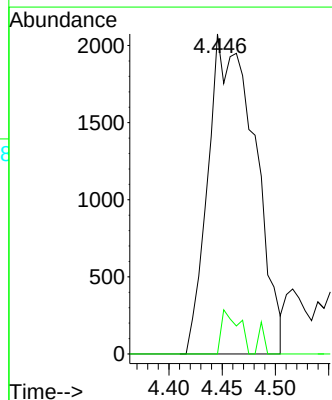
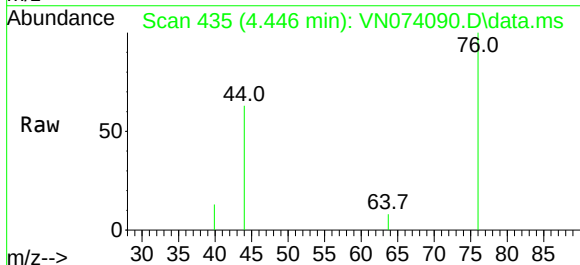
Acq: 24 Aug 2022 14:36

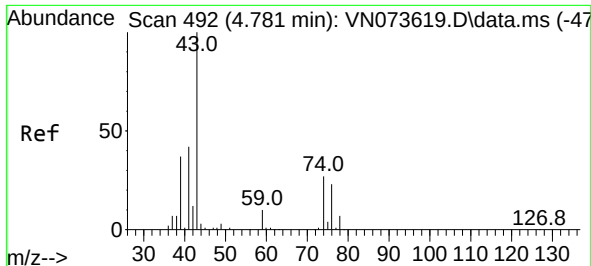
Tgt Ion: 76 Resp: 6287

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

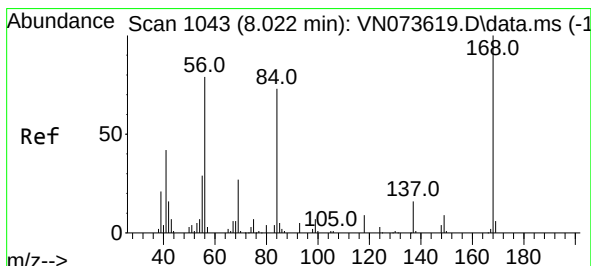
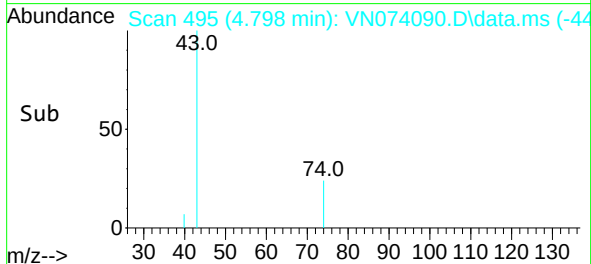
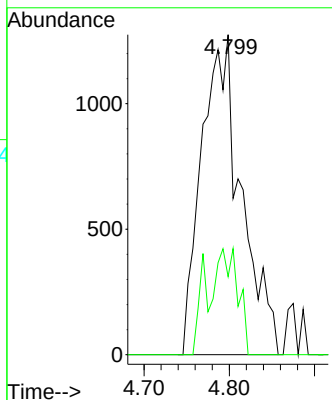
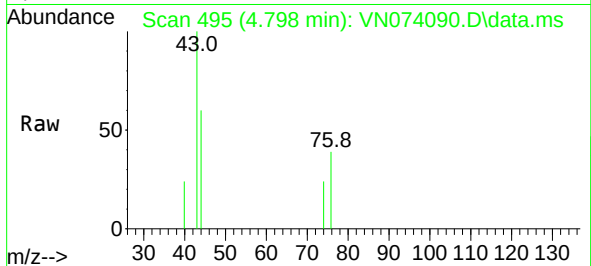




#18
Methyl Acetate
Concen: Below Cal
RT: 4.798 min Scan# 492
Delta R.T. 0.018 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

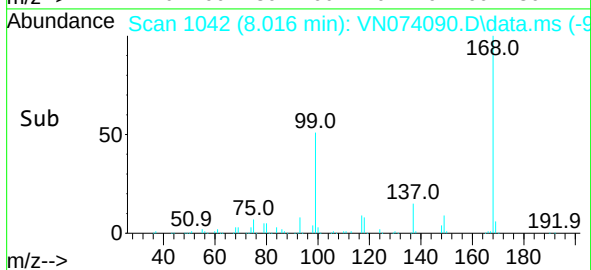
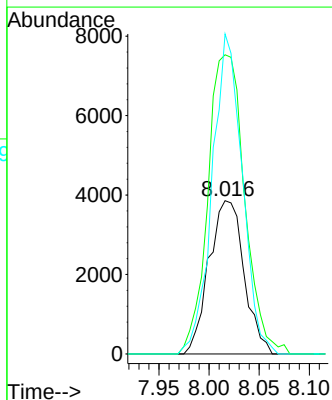
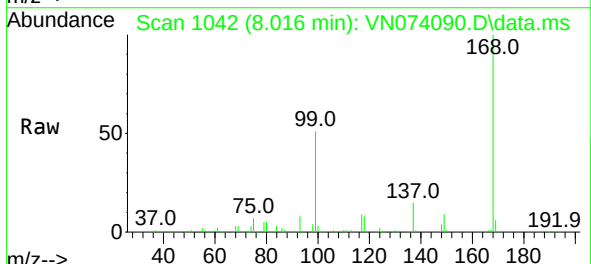
Instrument :
MSVOA_N
ClientSampleId :
MW-104D

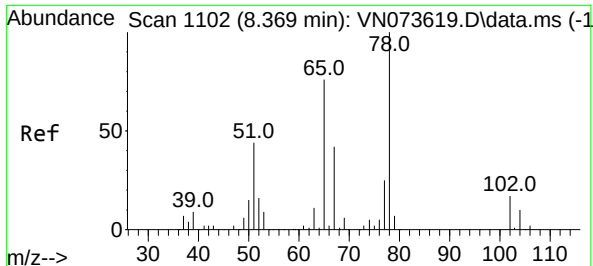
Tgt Ion: 43 Resp: 4119
Ion Ratio Lower Upper
43 100
74 18.8 21.6 32.4#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

Tgt Ion: 56 Resp: 9377
Ion Ratio Lower Upper
56 100
69 195.1 27.8 41.8#
84 208.7 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 51.995 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

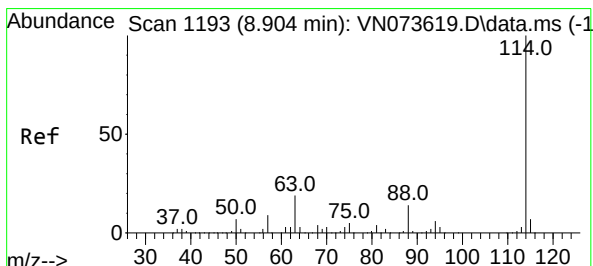
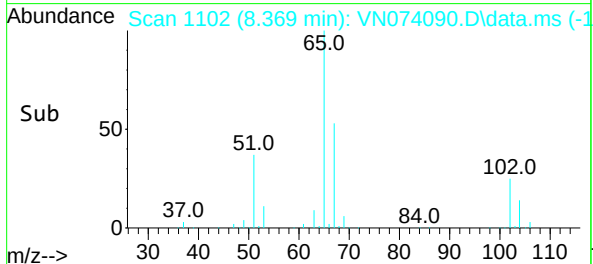
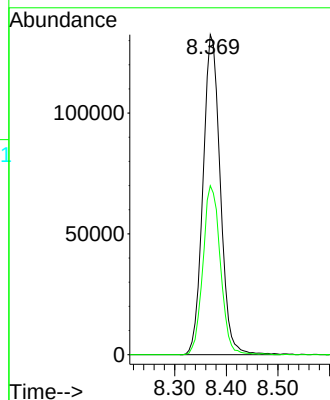
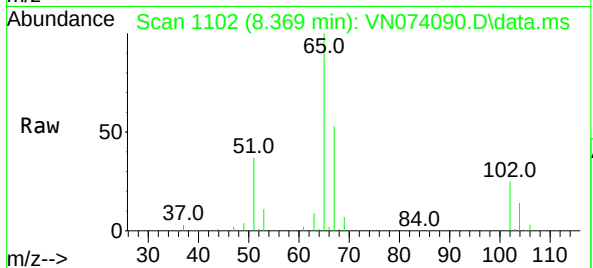
MW-104D

Tgt Ion: 65 Resp: 307457

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

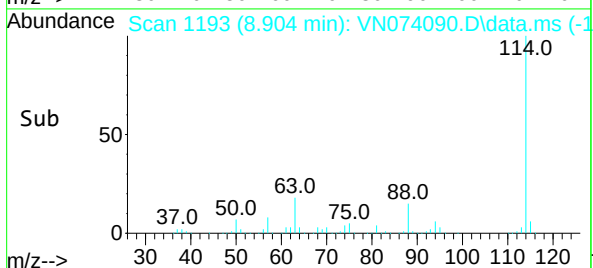
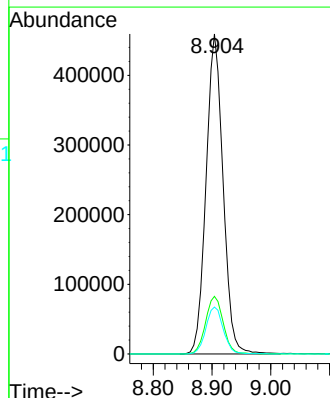
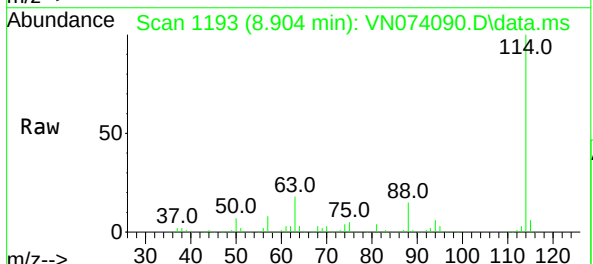
Tgt Ion: 114 Resp: 922554

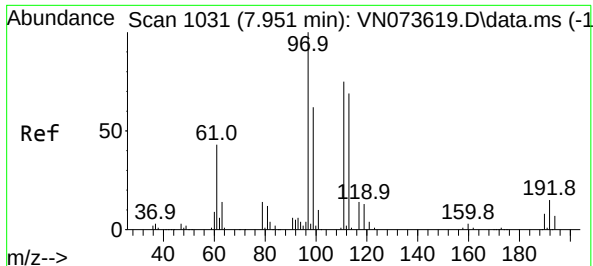
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.335 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

MW-104D

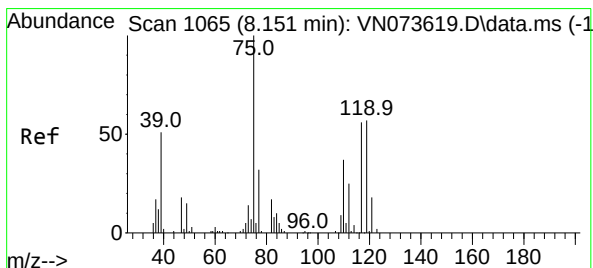
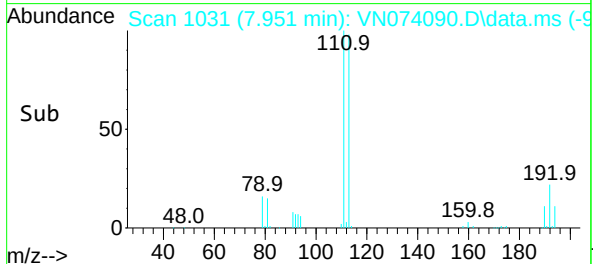
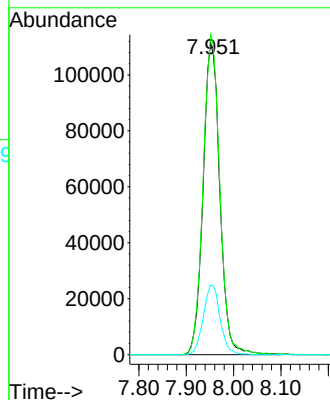
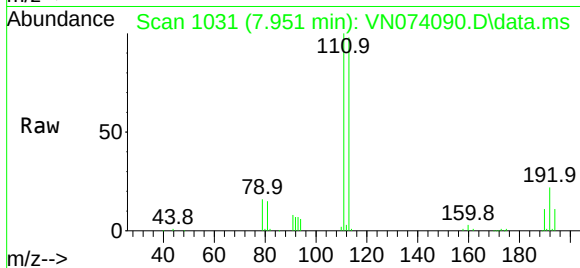
Tgt Ion:113 Resp: 274622

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.328 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

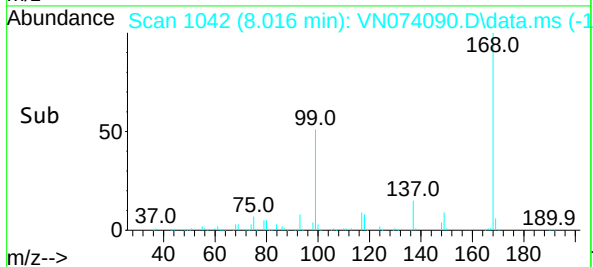
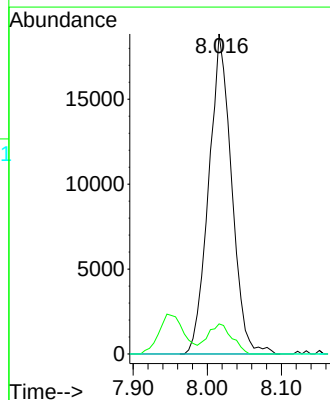
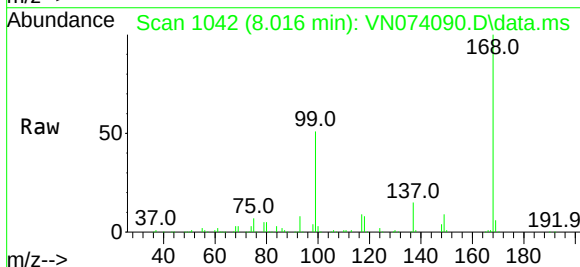
Tgt Ion: 75 Resp: 40375

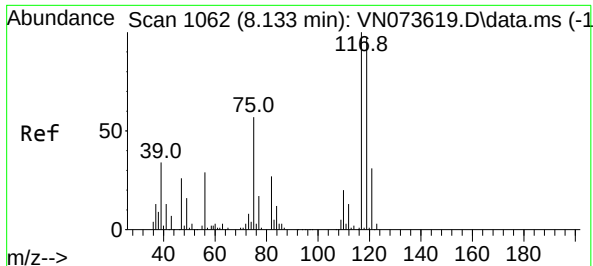
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#

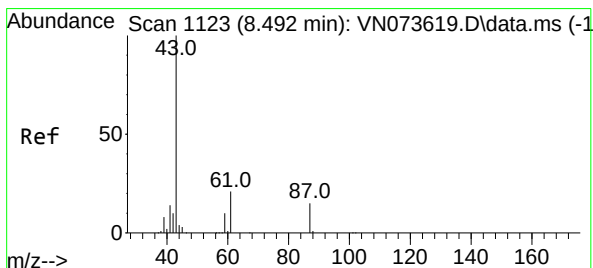
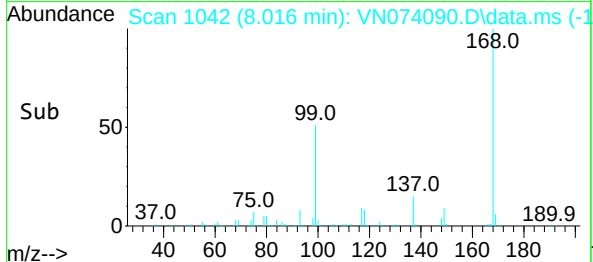
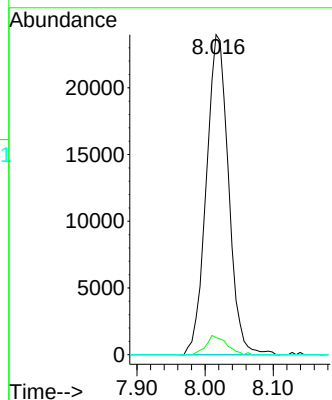
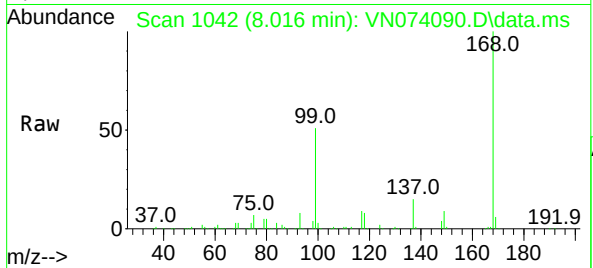




#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 8.016 min Scan# 1138
Delta R.T. -0.117 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

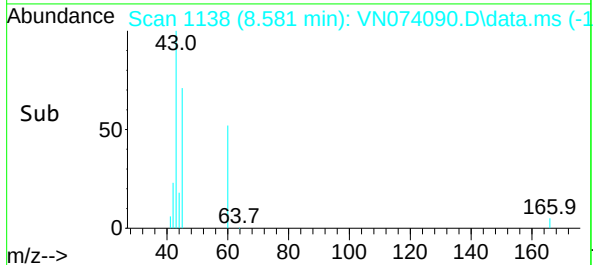
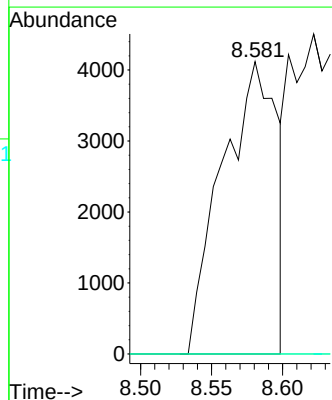
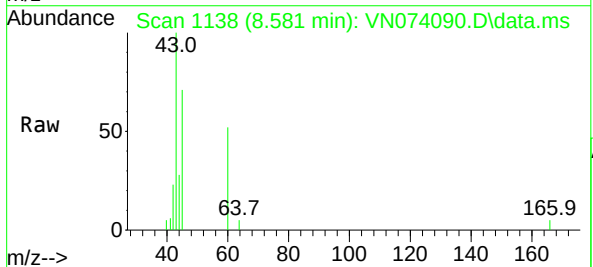
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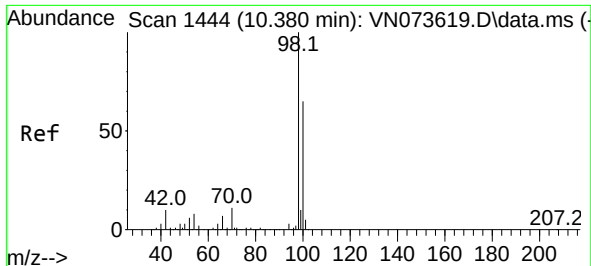
Tgt Ion:117 Resp: 54311
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.847 ug/l
RT: 8.581 min Scan# 1138
Delta R.T. 0.089 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

Tgt Ion: 43 Resp: 11072
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

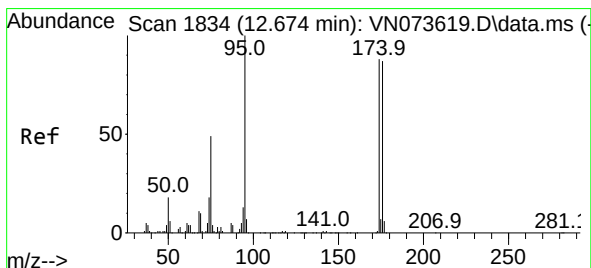
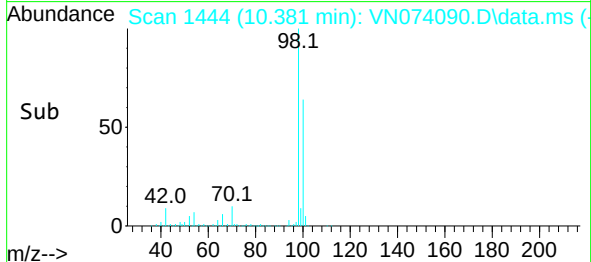
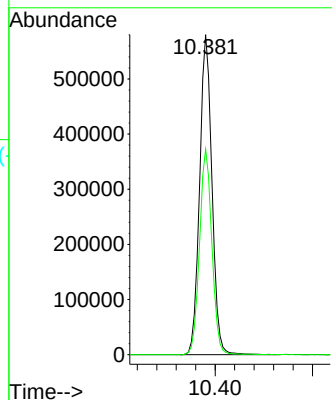
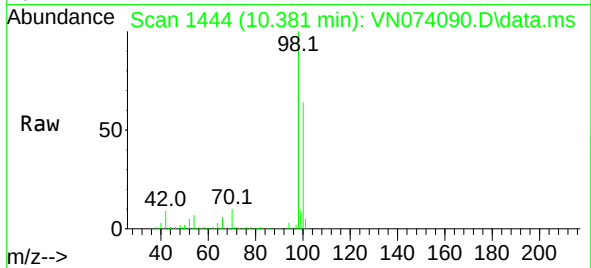




#50
Toluene-d8
Concen: 48.332 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

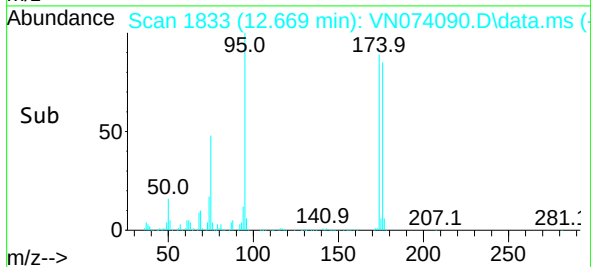
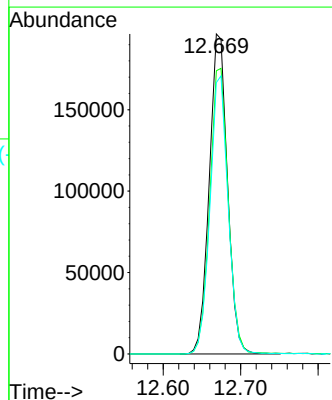
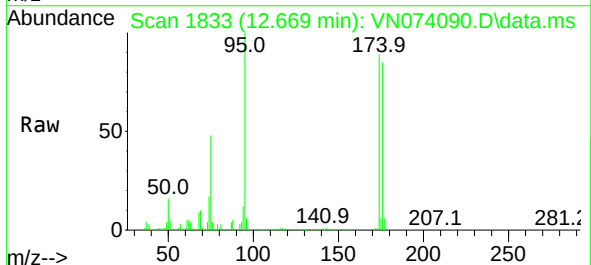
Instrument :
MSVOA_N
ClientSampleId :
MW-104D

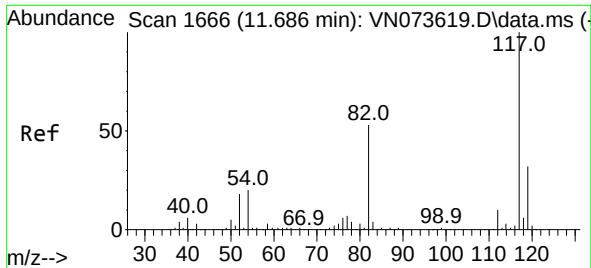
Tgt Ion: 98 Resp: 1021268
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.818 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

Tgt Ion: 95 Resp: 321312
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 86.1 0.0 163.4

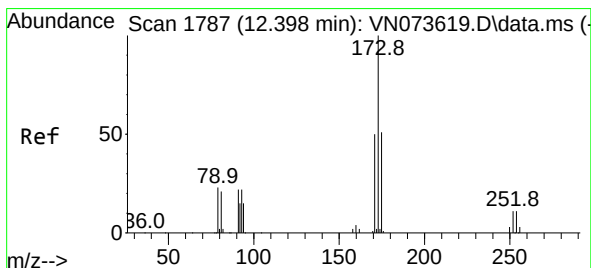
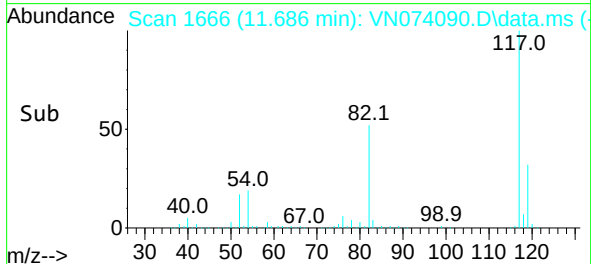
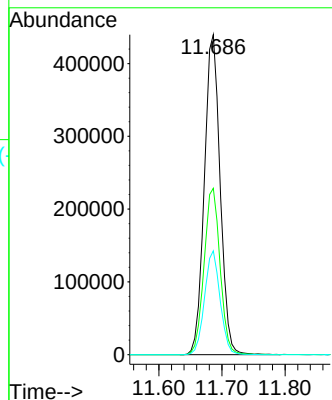
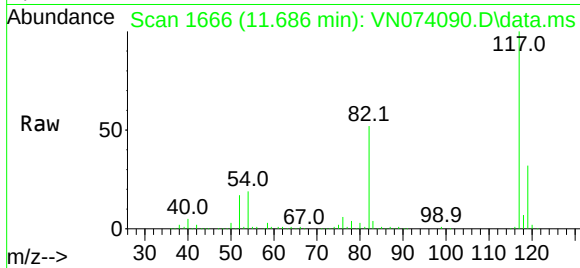




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

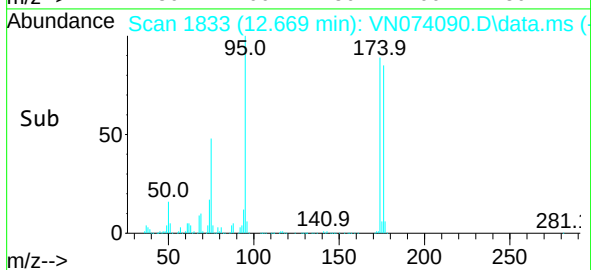
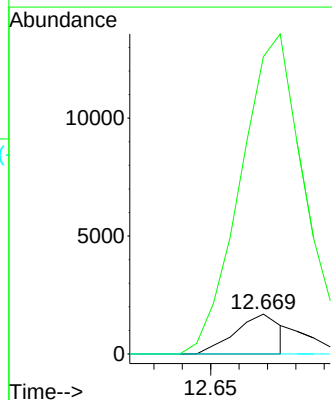
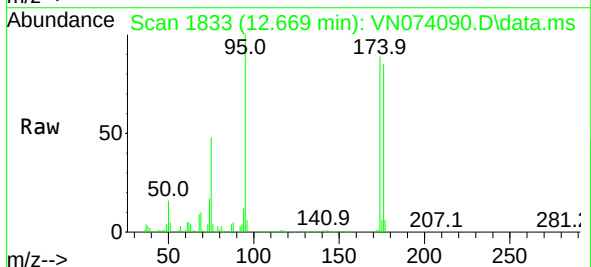
Instrument :
MSVOA_N
ClientSampleId :
MW-104D

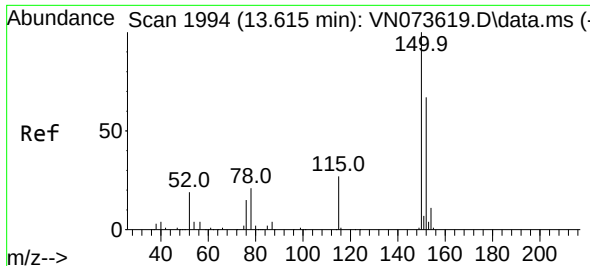
Tgt Ion:117 Resp: 764663
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.342 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

Tgt Ion:173 Resp: 1877
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

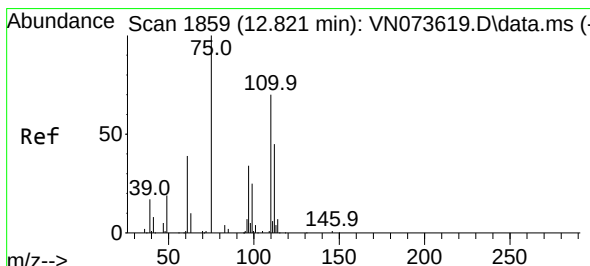
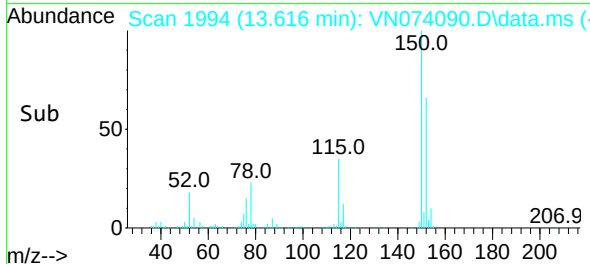
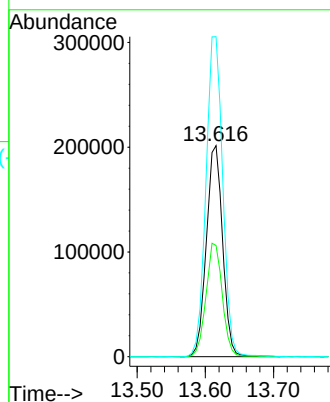
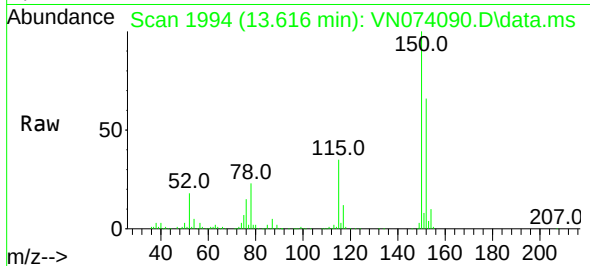




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074090.D
 Acq: 24 Aug 2022 14:36

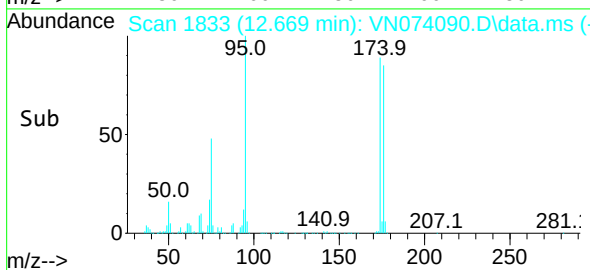
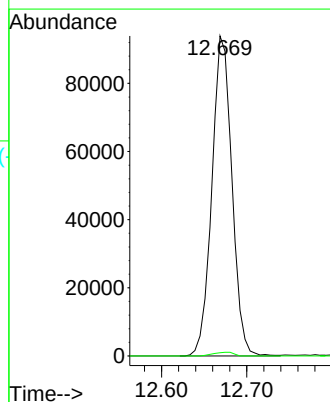
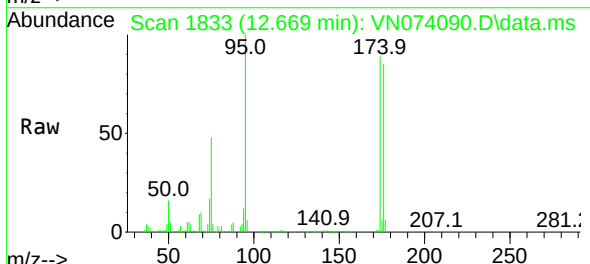
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-104D

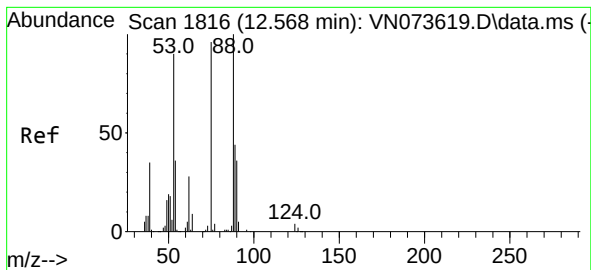
Tgt Ion:152 Resp: 334858
 Ion Ratio Lower Upper
 152 100
 115 53.9 28.9 86.7
 150 156.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.053 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074090.D
 Acq: 24 Aug 2022 14:36

Tgt Ion: 75 Resp: 153489
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.723 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.101 min
 Lab File: VN074090.D
 Acq: 24 Aug 2022 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-104D

Tgt Ion: 75 Resp: 153489
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.1 37.2 55.8#

