

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)

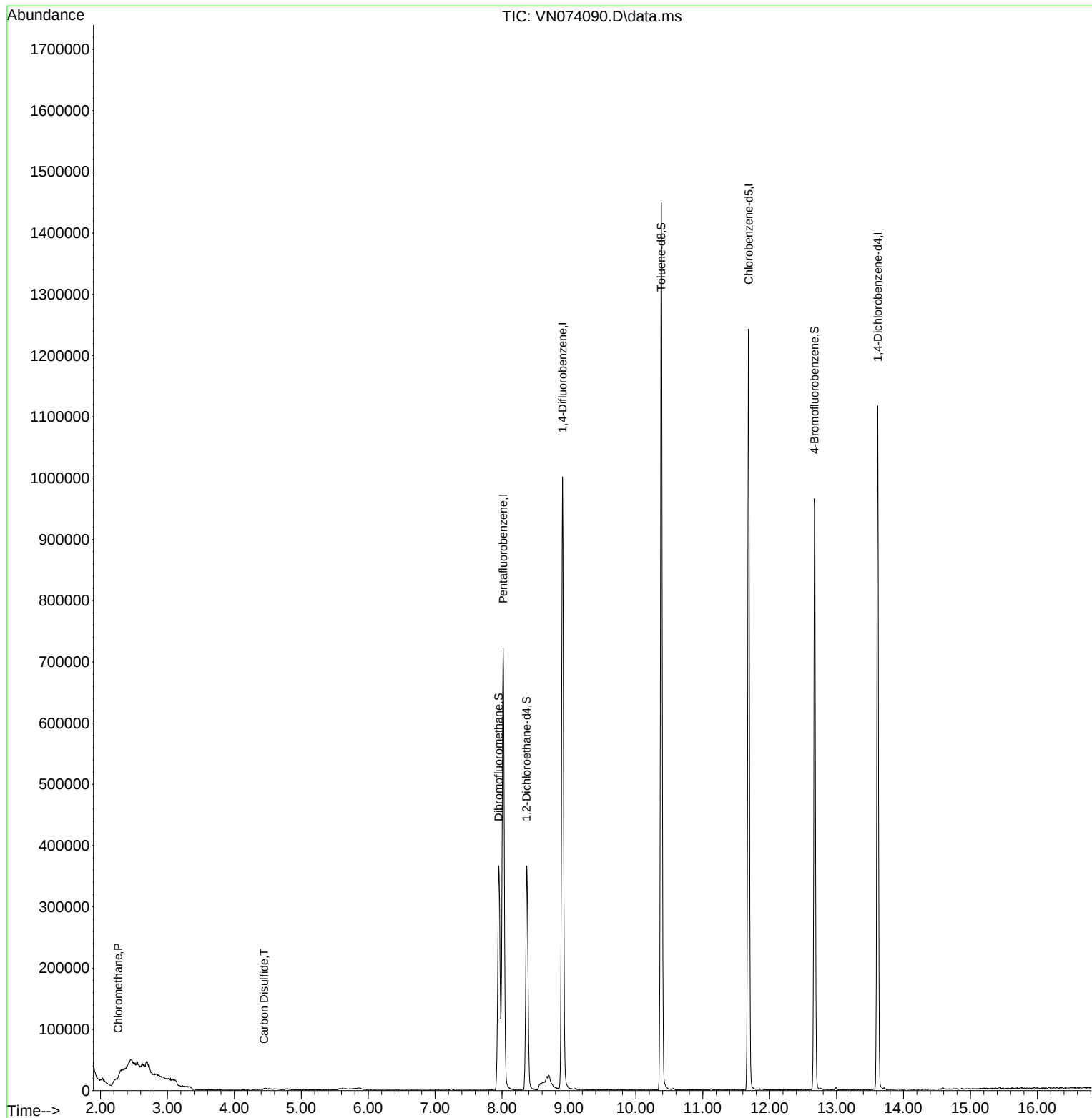
Internal Standards						
1) Pentafluorobenzene	8.016	168	607102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	922554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	764663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	334858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
17) Carbon Disulfide	4.446	76	6287	0.552	ug/l #	75

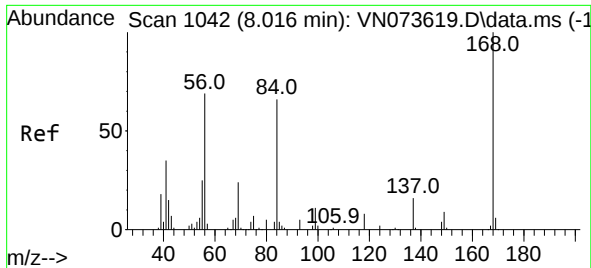
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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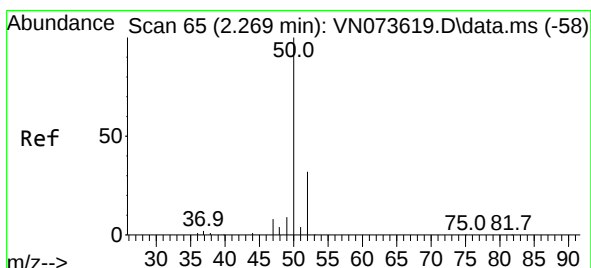
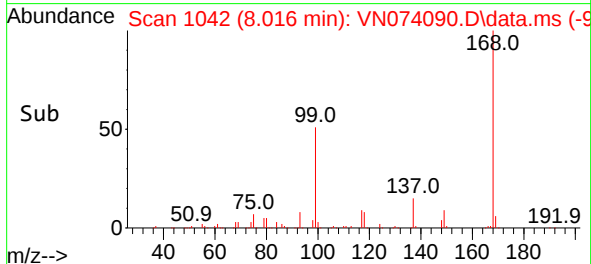
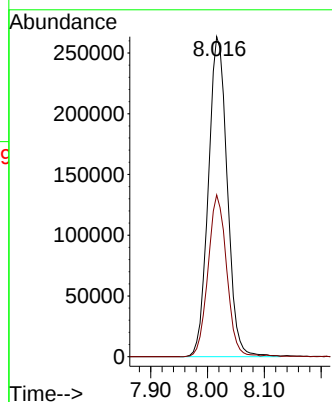
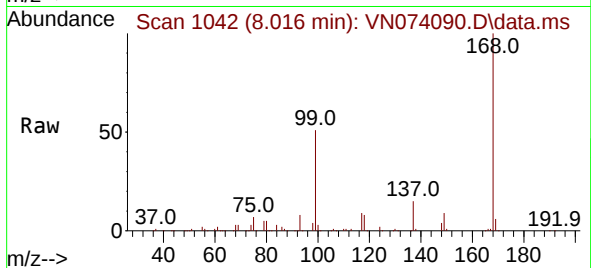




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

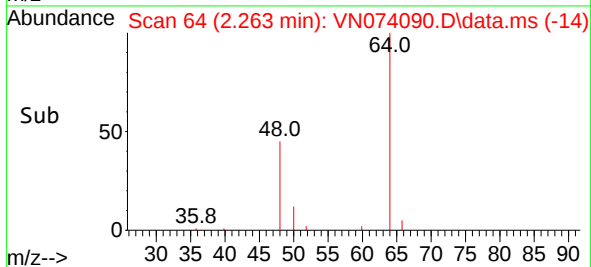
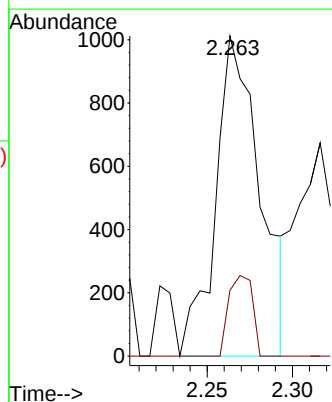
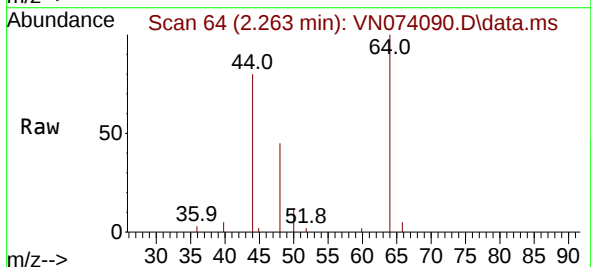
Instrument :
MSVOA_N
ClientSampleId :
MW-104D

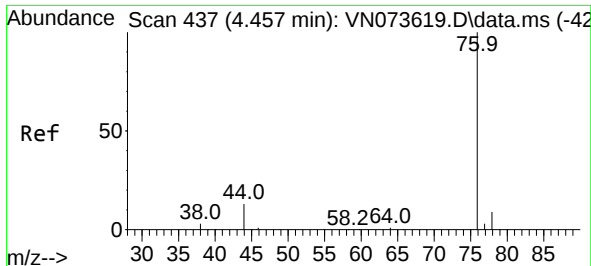
Tgt Ion:168 Resp: 607102
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#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#





#17

Carbon Disulfide

Concen: 0.552 ug/l

RT: 4.446 min Scan# 41

Delta R.T. -0.011 min

Lab File: VN074090.D

Acq: 24 Aug 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

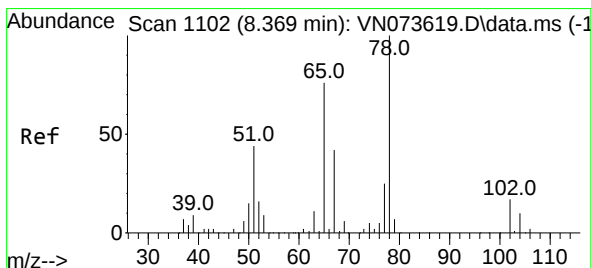
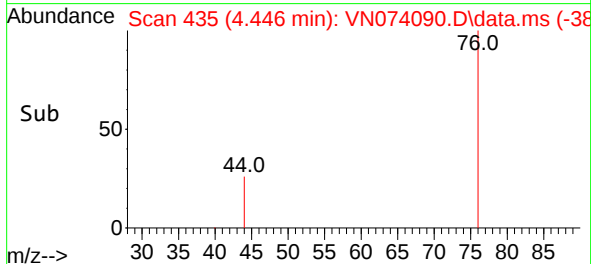
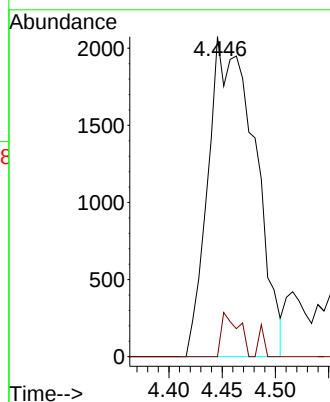
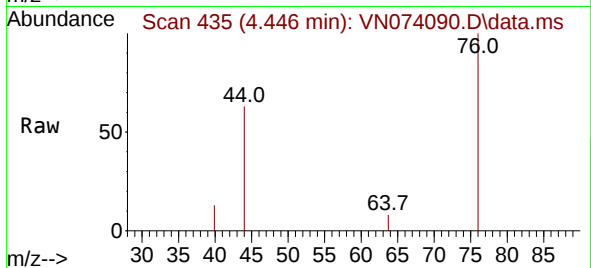
MW-104D

Tgt Ion: 76 Resp: 6287

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#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

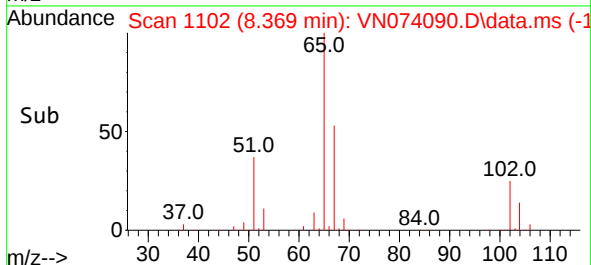
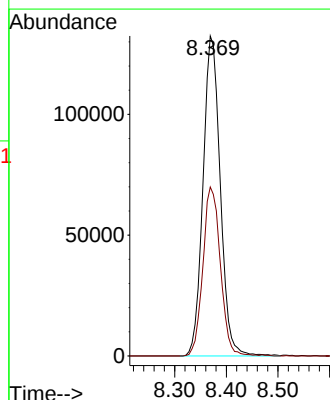
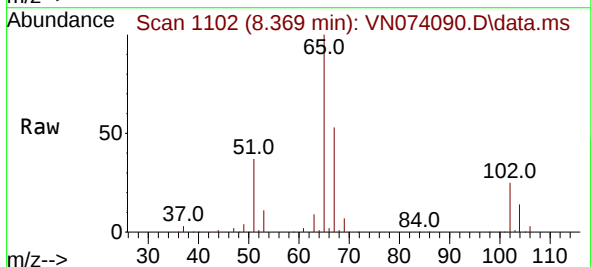
Acq: 24 Aug 2022 14:36

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

Instrument :

MSVOA_N

ClientSampleId :

MW-104D

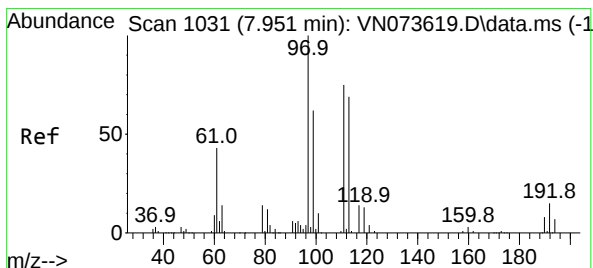
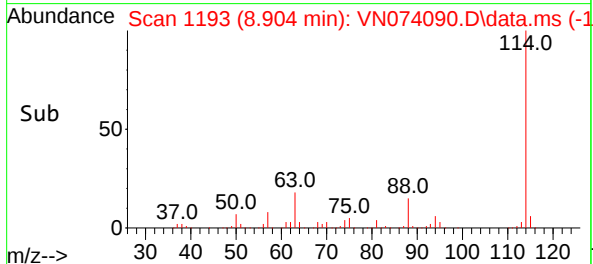
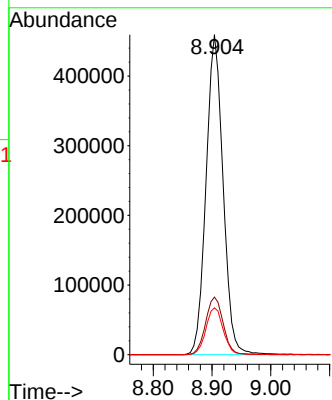
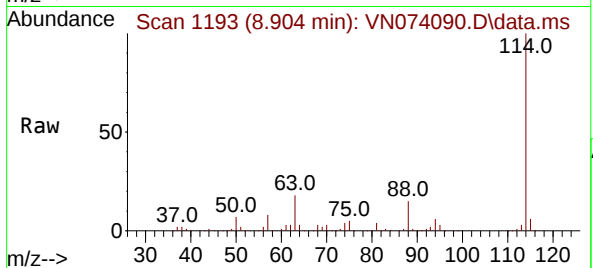
Tgt Ion:114 Resp: 922554

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

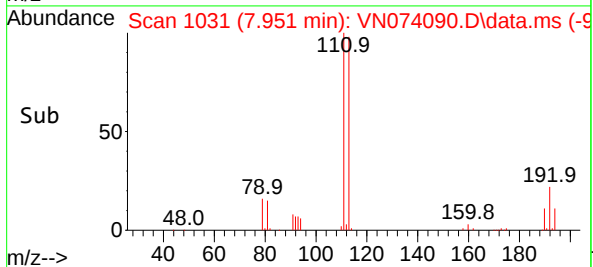
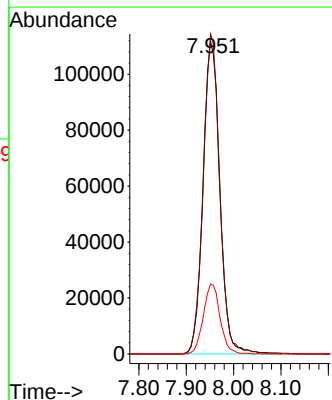
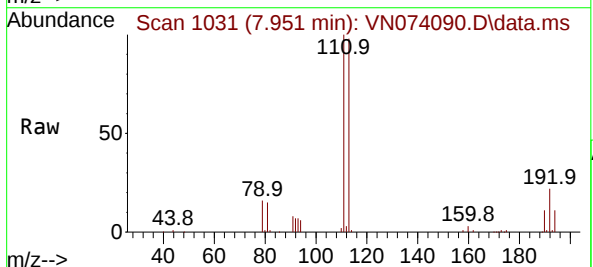
Tgt Ion:113 Resp: 274622

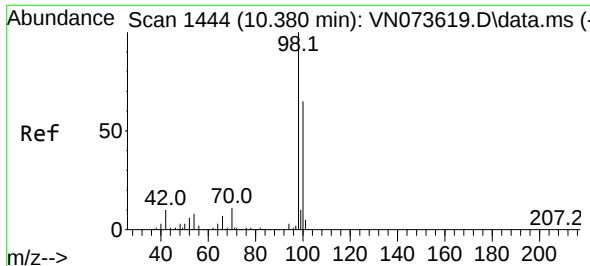
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.4 17.0 25.6

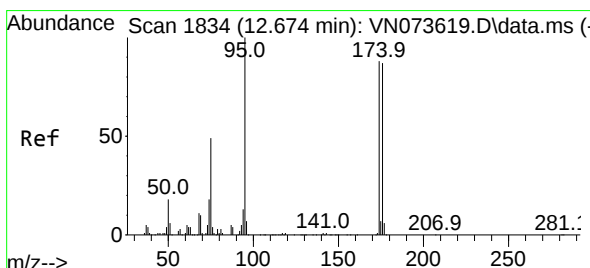
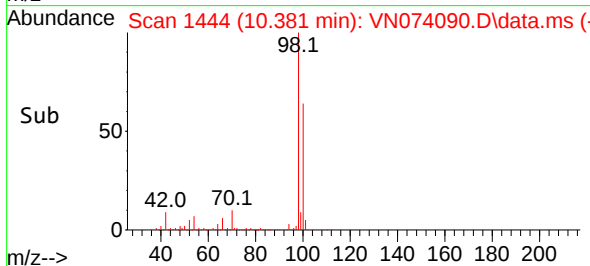
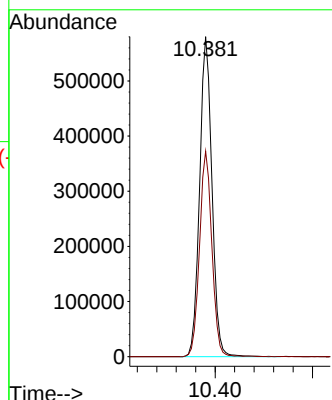
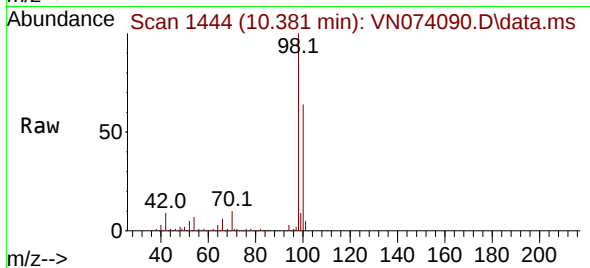




#50
Toluene-d8
Concen: 48.332 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

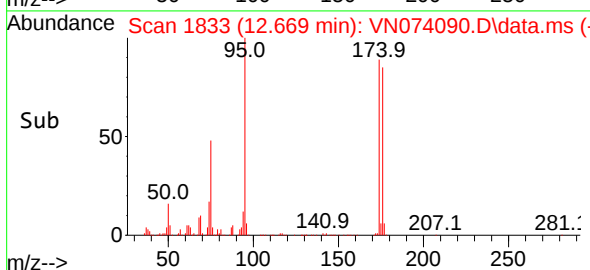
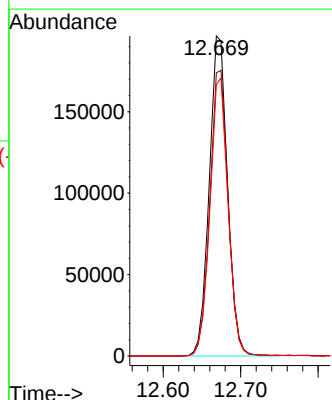
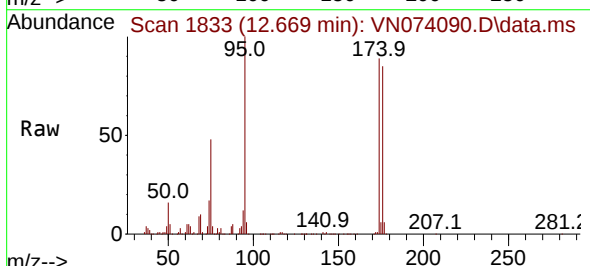
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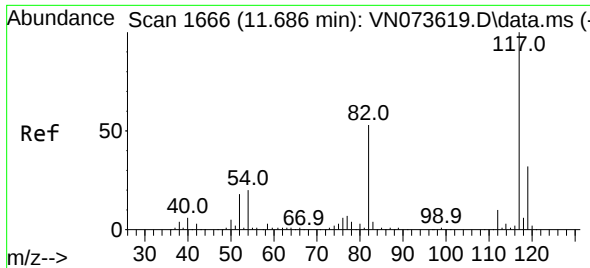
Tgt Ion: 98 Resp: 1021268
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#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

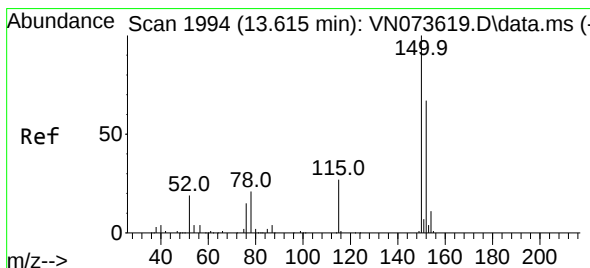
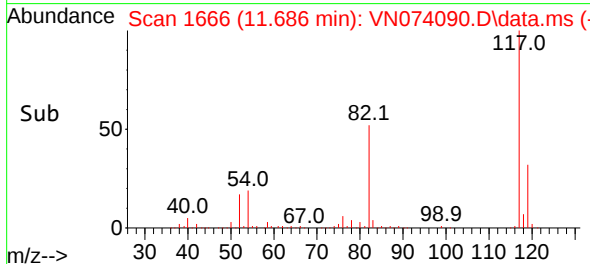
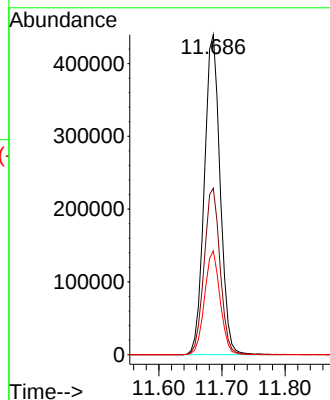
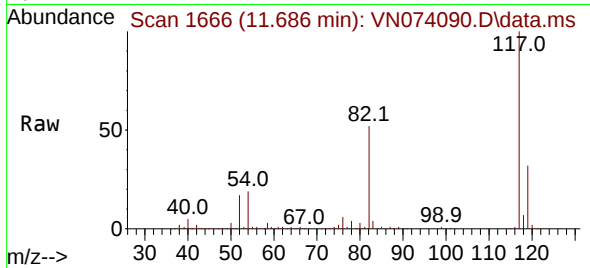




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074090.D
Acq: 24 Aug 2022 14:36

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



#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

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

