

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074971.D
 Acq On : 21 Oct 2022 19:00
 Operator : JC\MD
 Sample : N5222-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Oct 22 02:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

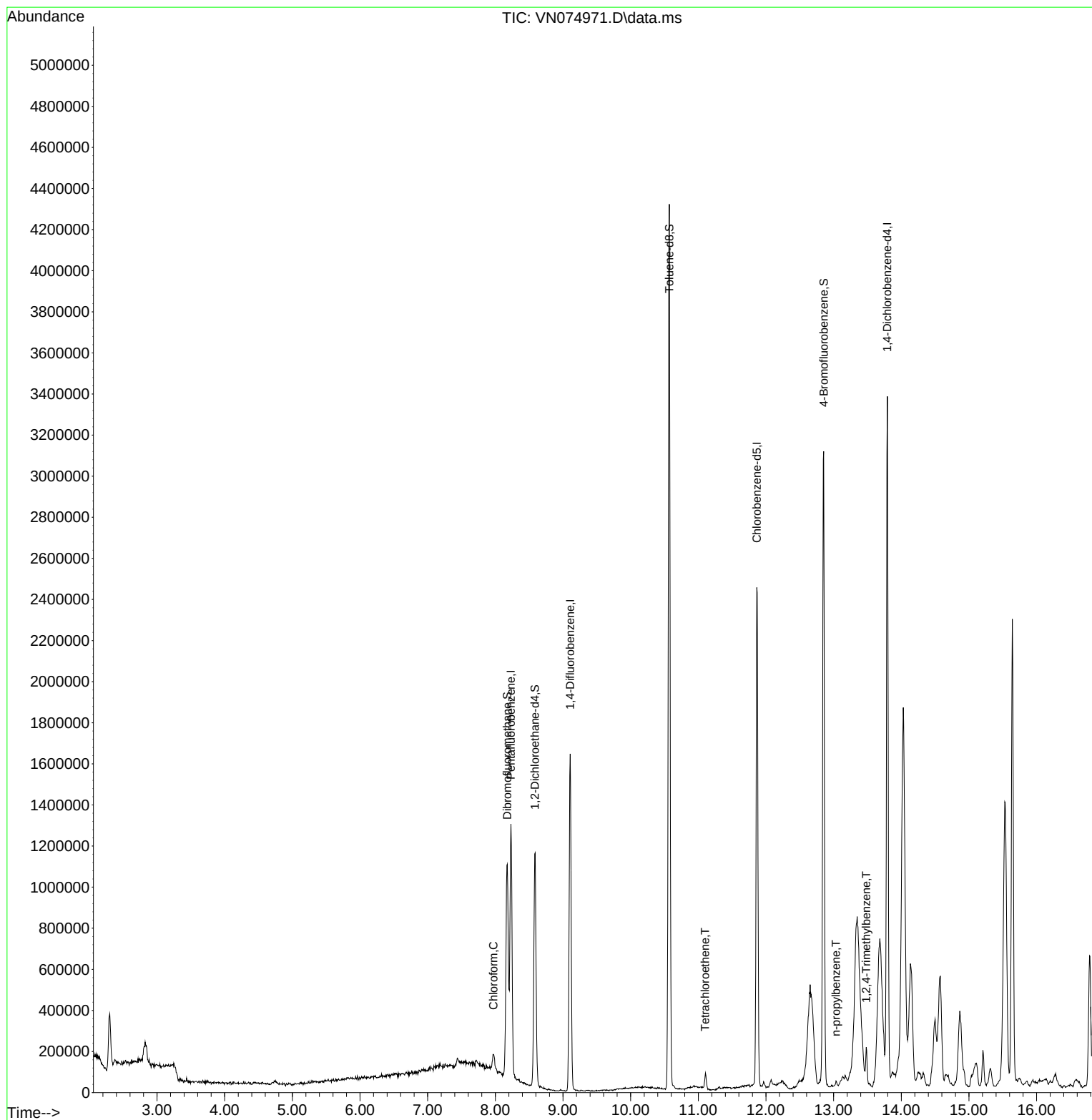
Internal Standards						
1) Pentafluorobenzene	8.230	168	871602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1468862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1455395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	860177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	938517	40.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.060%
35) Dibromofluoromethane	8.177	113	763108	43.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.300%
50) Toluene-d8	10.571	98	2999243	44.712	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.853	95	1073316	45.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	77297	2.280	ug/l	99
64) Tetrachloroethene	11.100	164	15480	1.301	ug/l #	81
78) n-propylbenzene	13.035	91	22679	0.276	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	98354	1.605	ug/l	93

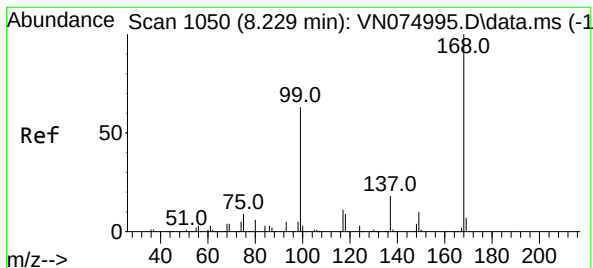
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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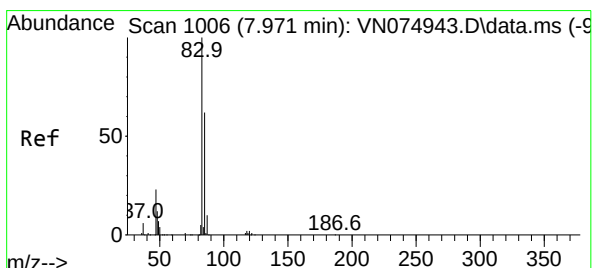
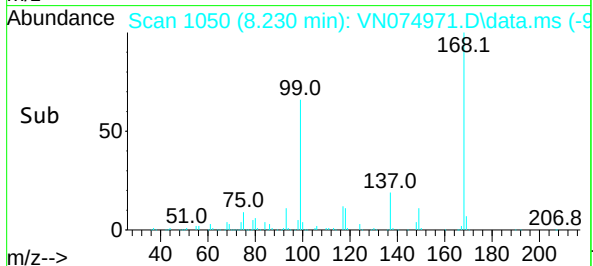
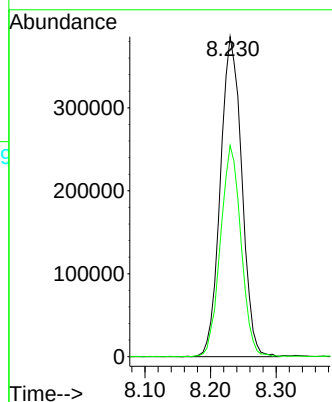
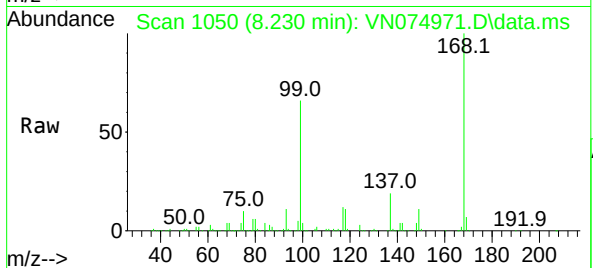




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

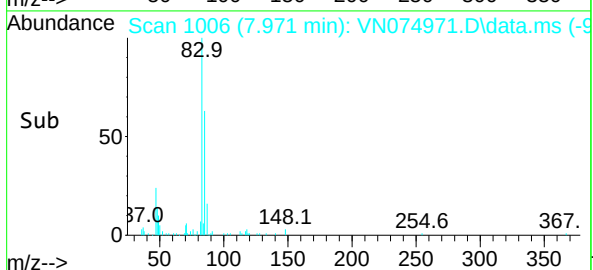
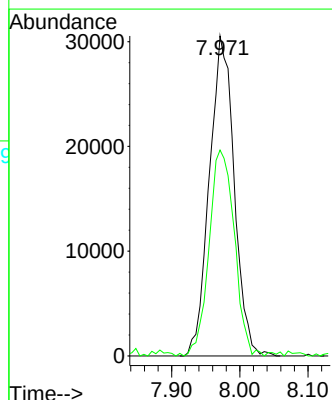
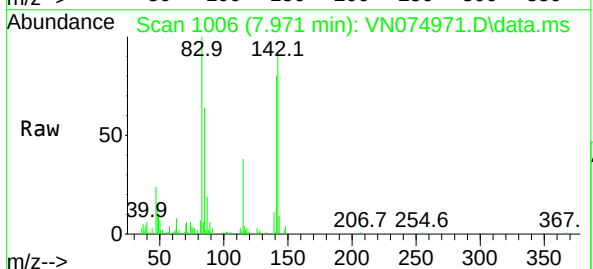
Instrument :
MSVOA_N
ClientSampleId :
MW-15

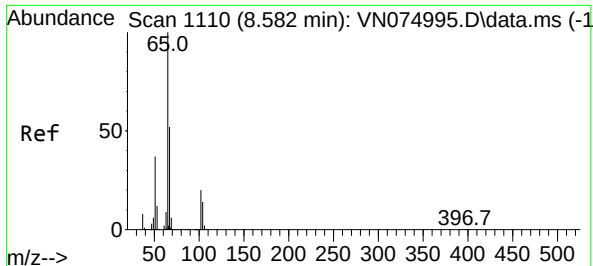
Tgt Ion:168 Resp: 871602
Ion Ratio Lower Upper
168 100
99 66.0 52.2 78.4



#30
Chloroform
Concen: 2.280 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Tgt Ion: 83 Resp: 77297
Ion Ratio Lower Upper
83 100
85 63.6 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 40.527 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074971.D

Acq: 21 Oct 2022 19:00

Instrument :

MSVOA_N

ClientSampleId :

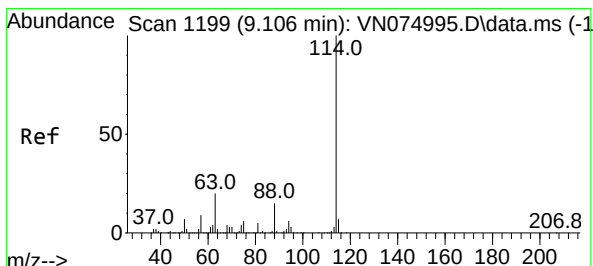
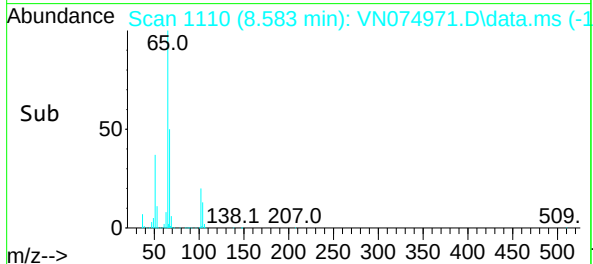
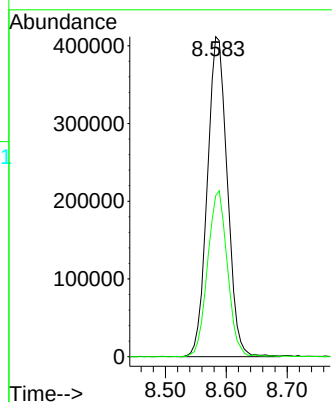
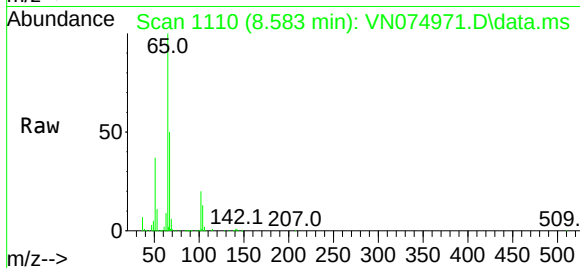
MW-15

Tgt Ion: 65 Resp: 938517

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074971.D

Acq: 21 Oct 2022 19:00

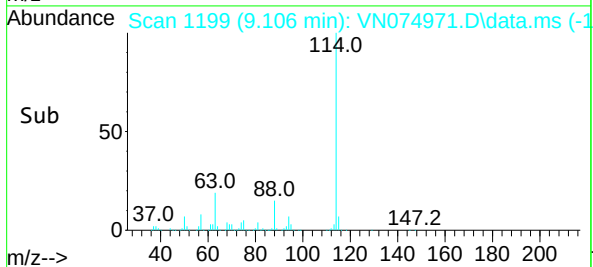
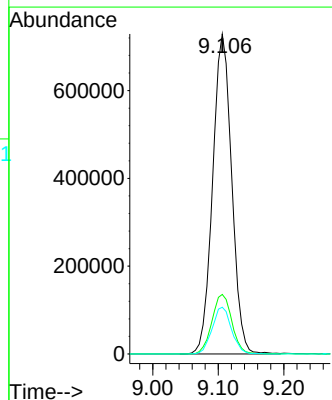
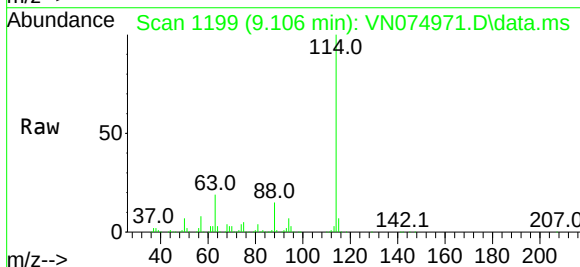
Tgt Ion: 114 Resp: 1468862

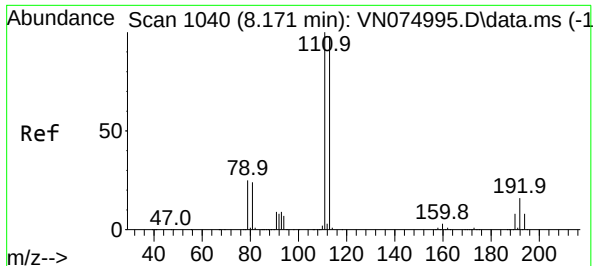
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

88 14.6 0.0 30.4

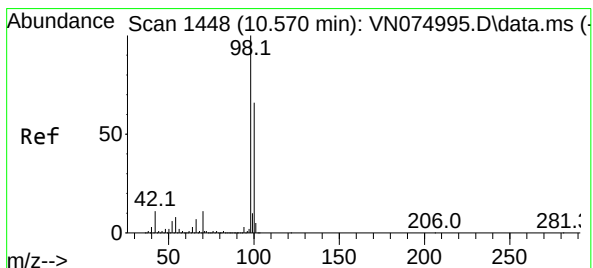
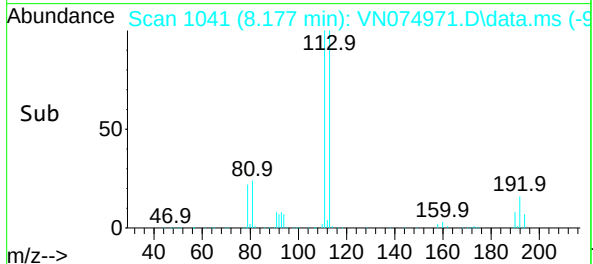
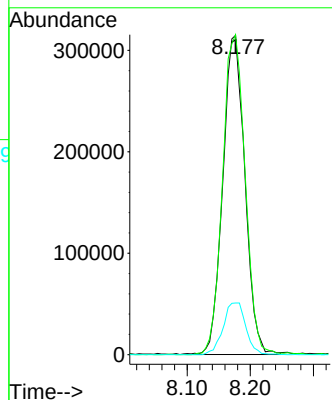
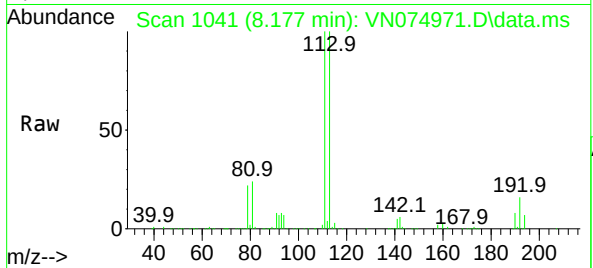




#35
Dibromofluoromethane
Concen: 43.648 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

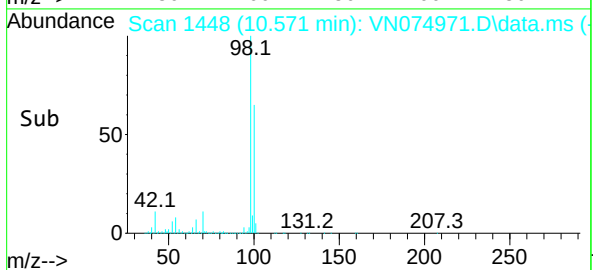
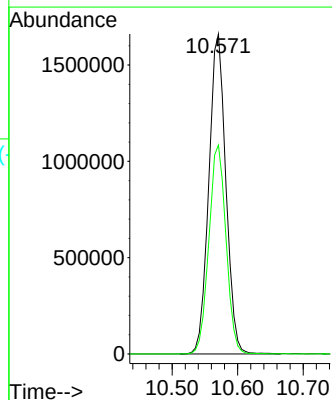
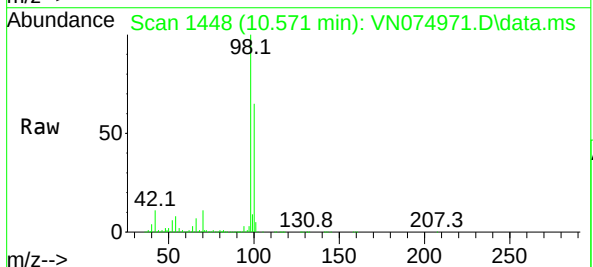
Instrument :
MSVOA_N
ClientSampleId :
MW-15

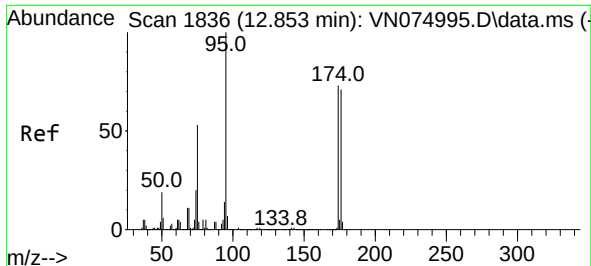
Tgt Ion:113 Resp: 763108
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 44.712 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Tgt Ion: 98 Resp: 2999243
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2

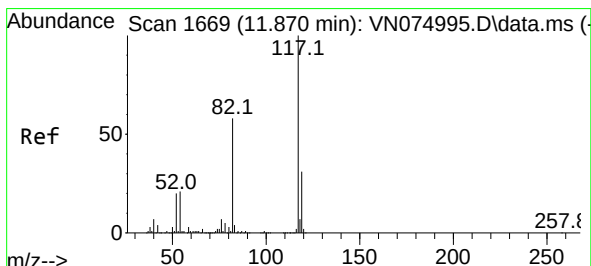
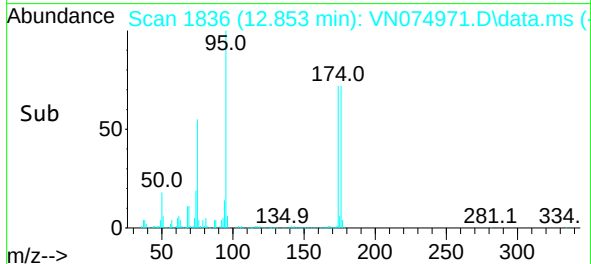
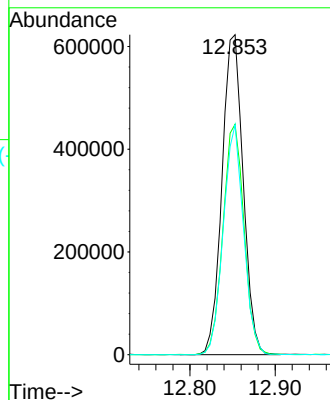
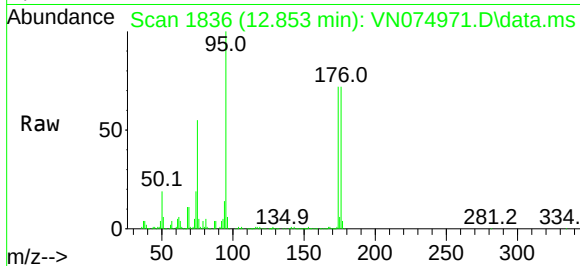




#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

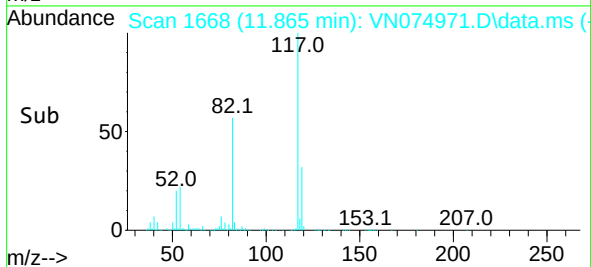
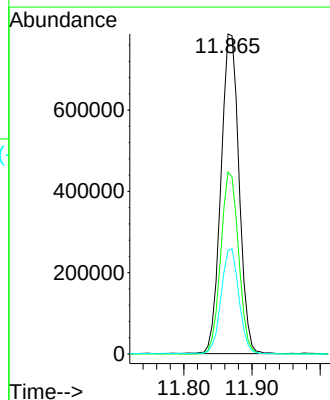
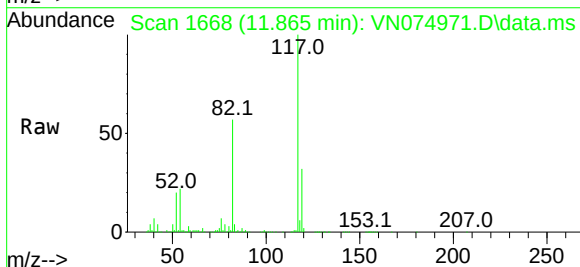
Instrument :
MSVOA_N
ClientSampleId :
MW-15

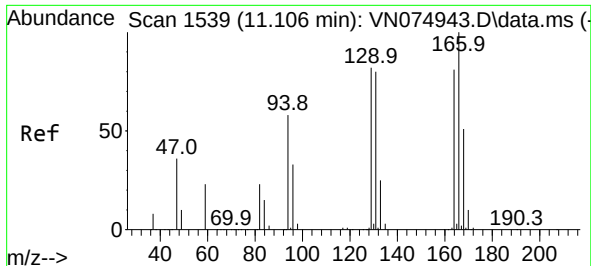
Tgt Ion: 95 Resp: 1073316
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.0
176 68.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Tgt Ion: 117 Resp: 1455395
Ion Ratio Lower Upper
117 100
82 56.9 45.6 68.4
119 32.4 25.1 37.7

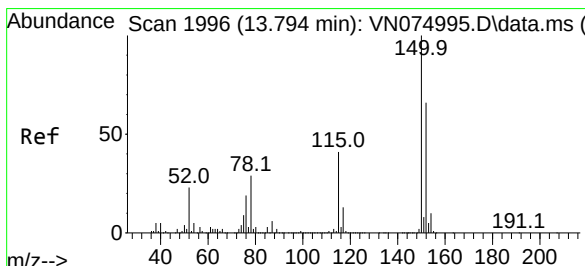
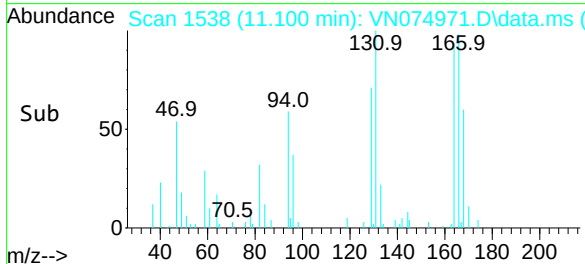
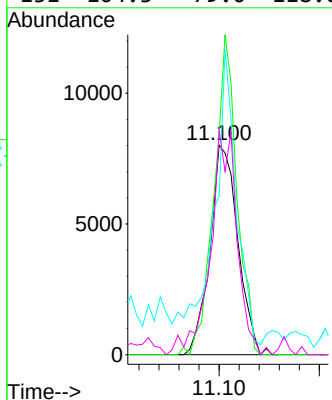
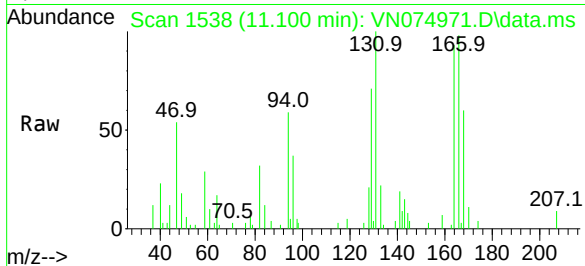




#64
Tetrachloroethene
Concen: 1.301 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

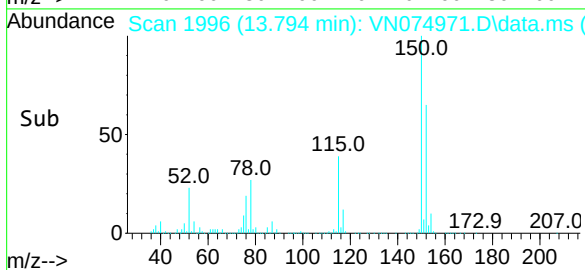
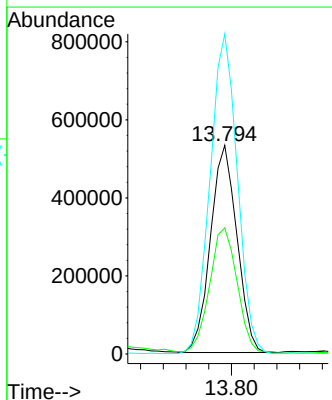
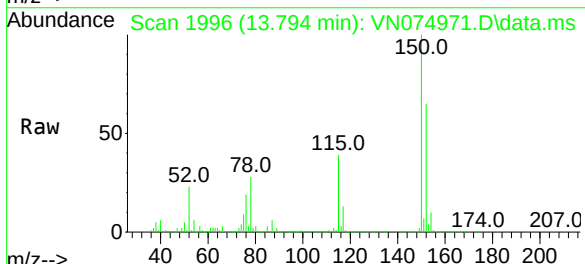
Instrument :
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ClientSampleId :
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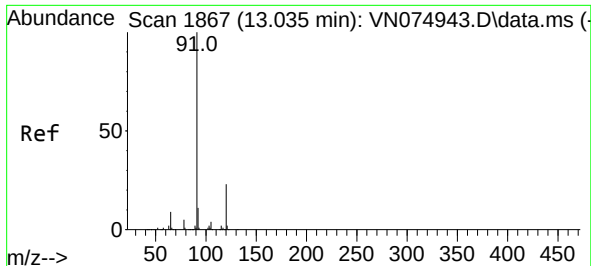
Tgt Ion:164 Resp: 15480
Ion Ratio Lower Upper
164 100
166 105.2 98.6 148.0
129 65.2 81.2 121.8#
131 104.3 79.0 118.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Tgt Ion:152 Resp: 860177
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.8
150 159.1 0.0 349.6

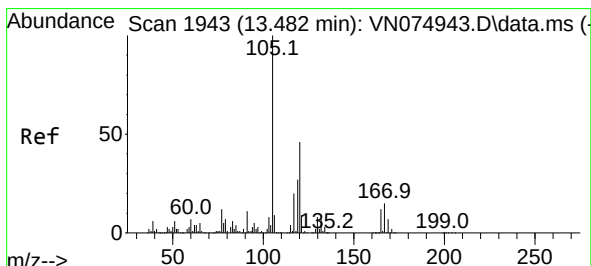
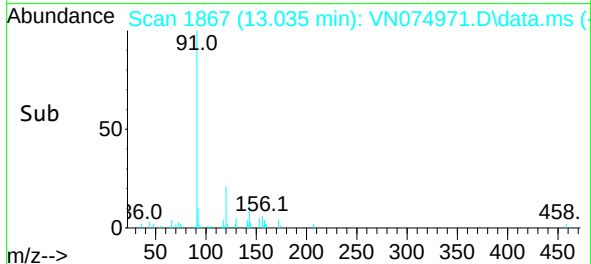
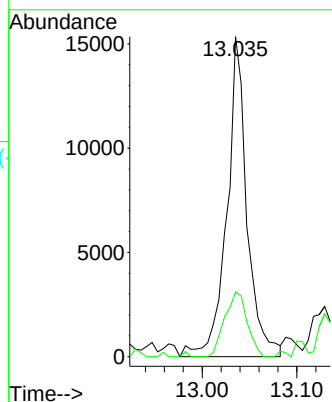
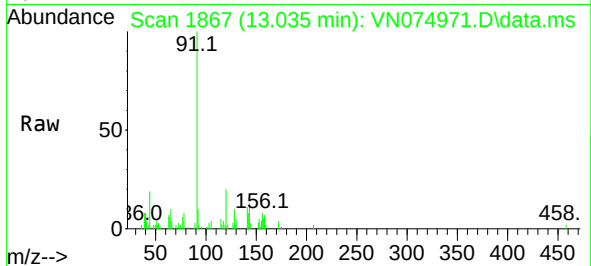




#78
n-propylbenzene
Concen: 0.276 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Tgt Ion: 91 Resp: 22679
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 1.605 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074971.D
Acq: 21 Oct 2022 19:00

Tgt Ion: 105 Resp: 98354
Ion Ratio Lower Upper
105 100
120 41.2 22.9 68.5

