

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075694.D
 Acq On : 10 Dec 2022 06:46
 Operator : JC\MD
 Sample : N5989-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29

Quant Time: Dec 12 04:56:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

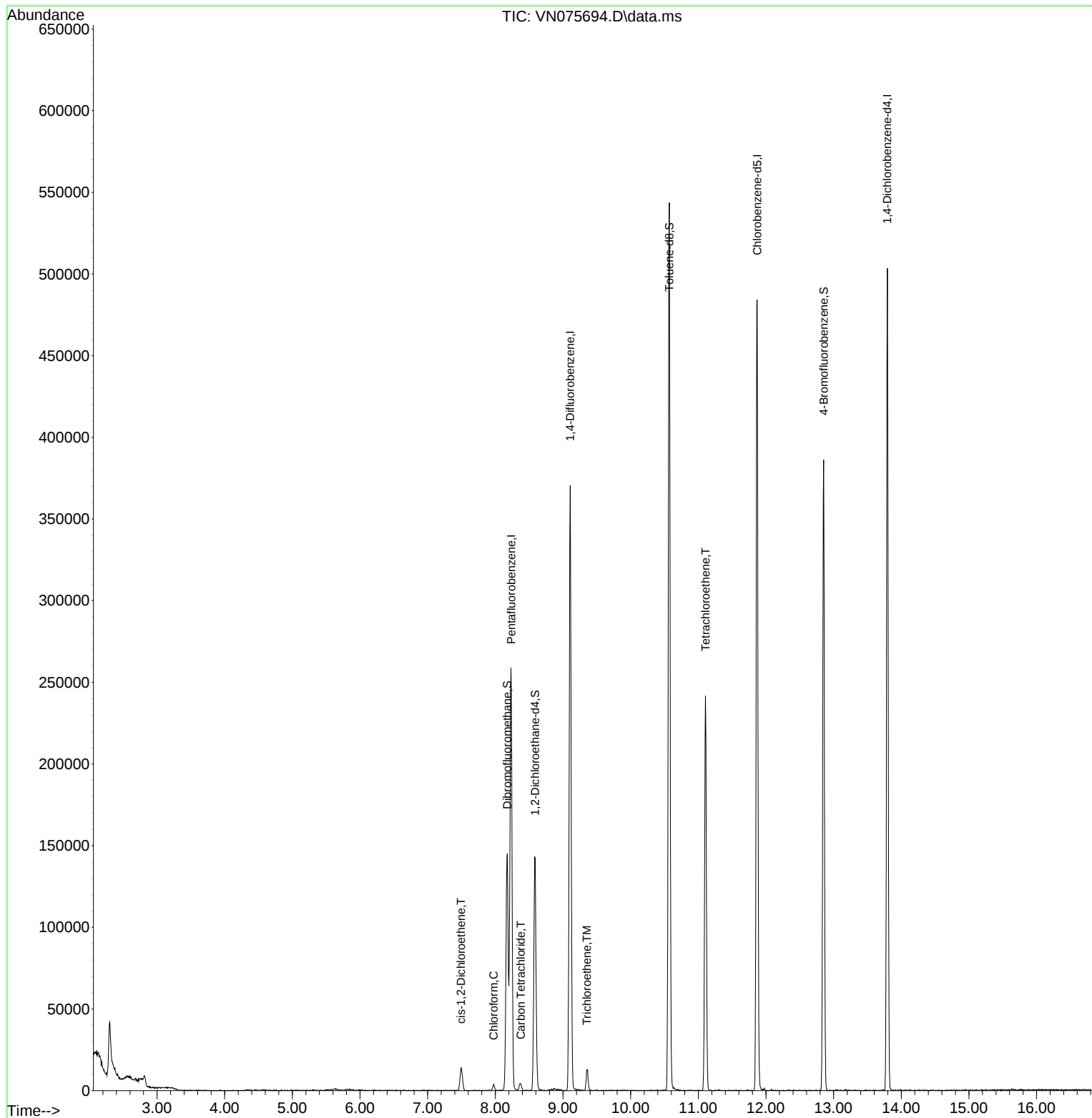
Internal Standards						
1) Pentafluorobenzene	8.235	168	201031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	304529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	117413	55.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	8.177	113	103656	49.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.570	98	398391	51.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	130597	49.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.494	96	9305	3.983	ug/l	91
30) Chloroform	7.977	83	3545	0.996	ug/l #	73
38) Carbon Tetrachloride	8.377	117	3466	1.090	ug/l	99
44) Trichloroethene	9.353	130	4957	2.078	ug/l	91
64) Tetrachloroethene	11.106	164	58821	26.518	ug/l	98

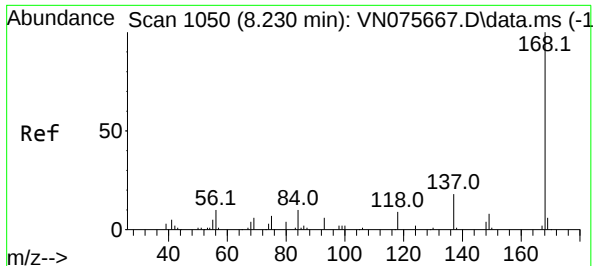
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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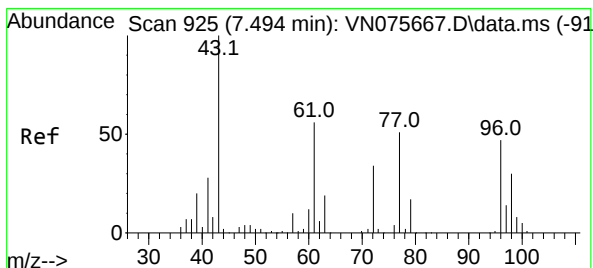
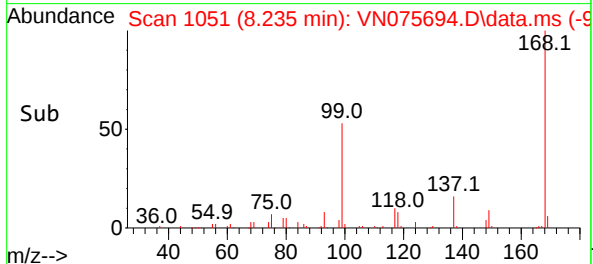
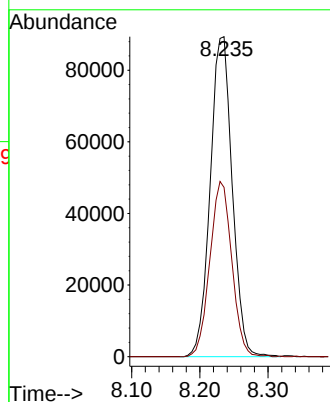
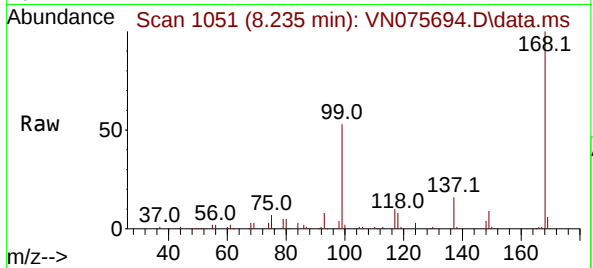




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

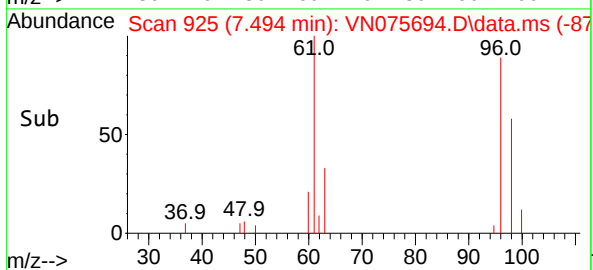
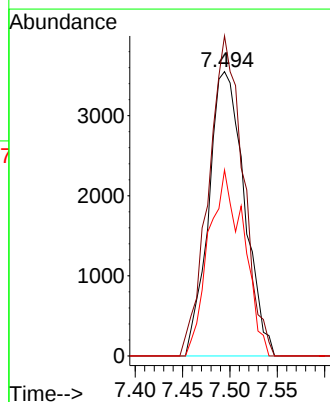
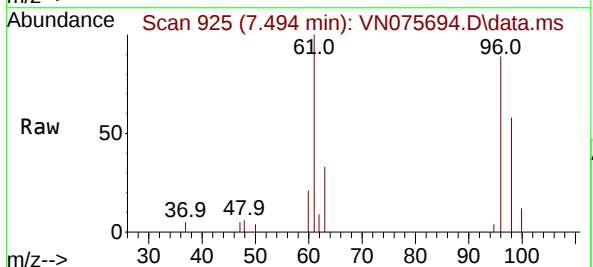
Instrument :
MSVOA_N
ClientSampleId :
MW-29

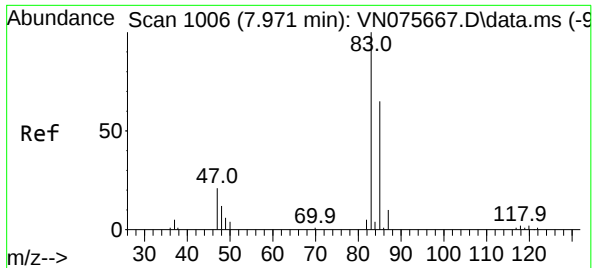
Tgt Ion:168 Resp: 201031
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#27
cis-1,2-Dichloroethene
Concen: 3.983 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

Tgt Ion: 96 Resp: 9305
Ion Ratio Lower Upper
96 100
61 109.0 0.0 247.8
98 64.3 0.0 126.0

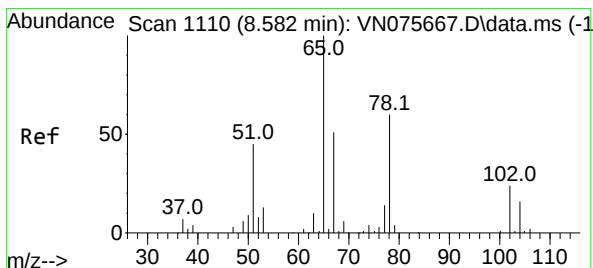
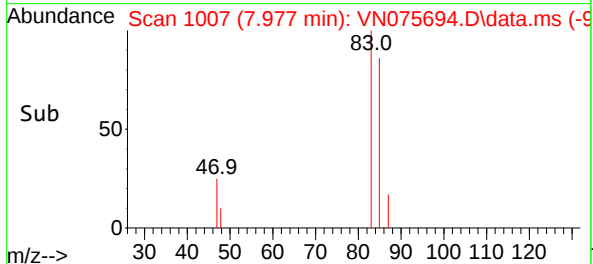
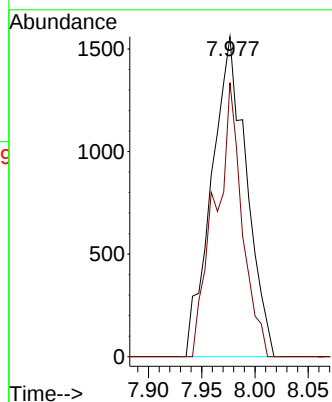
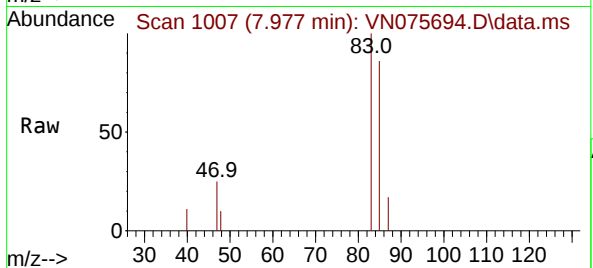




#30
Chloroform
Concen: 0.996 ug/l
RT: 7.977 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

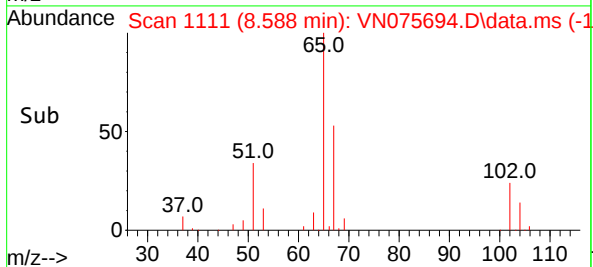
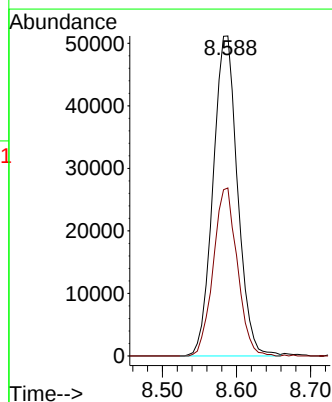
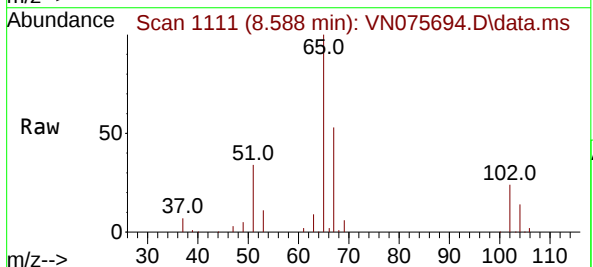
Instrument :
MSVOA_N
ClientSampleId :
MW-29

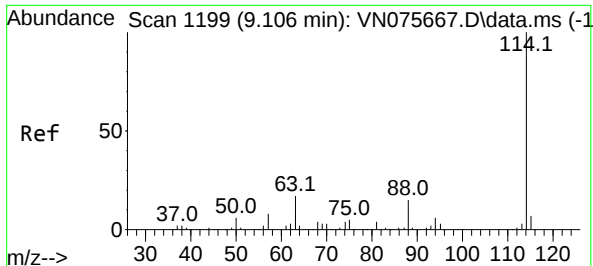
Tgt Ion: 83 Resp: 3545
Ion Ratio Lower Upper
83 100
85 85.6 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 55.046 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

Tgt Ion: 65 Resp: 117413
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075694.D

Acq: 10 Dec 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

MW-29

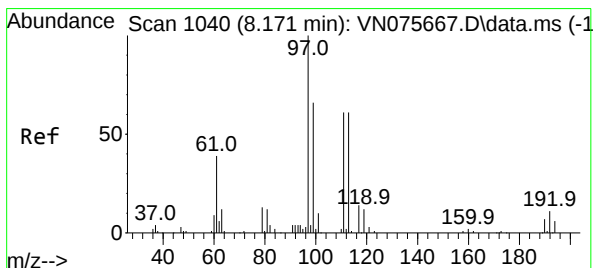
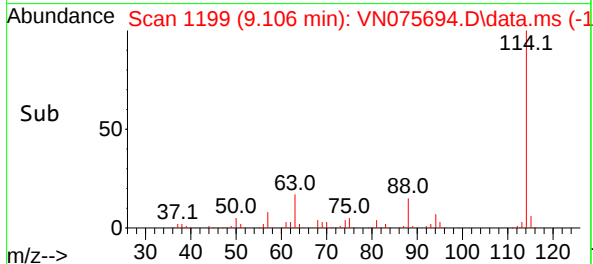
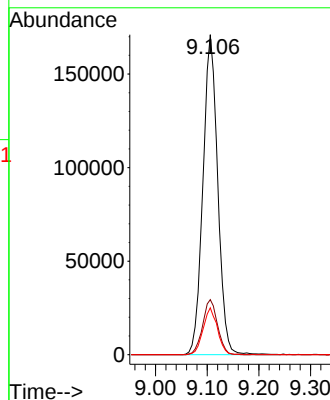
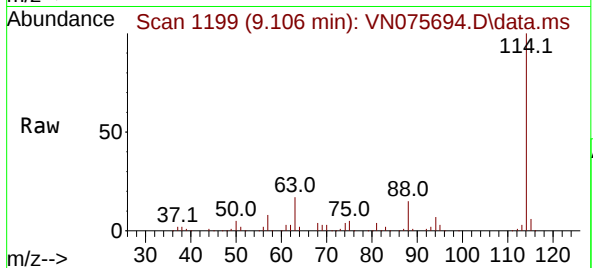
Tgt Ion:114 Resp: 340102

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.954 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075694.D

Acq: 10 Dec 2022 06:46

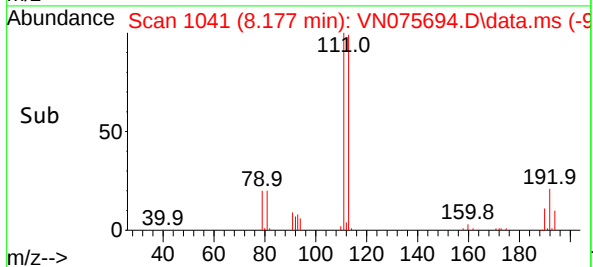
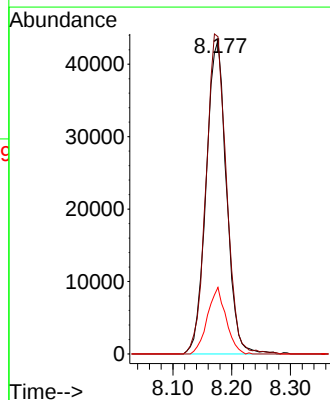
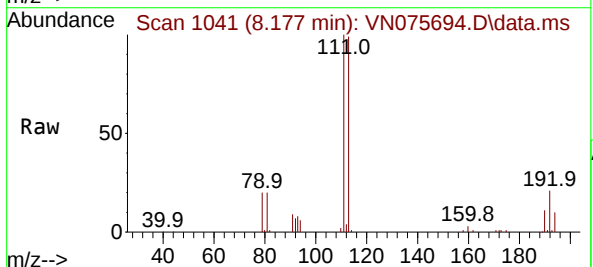
Tgt Ion:113 Resp: 103656

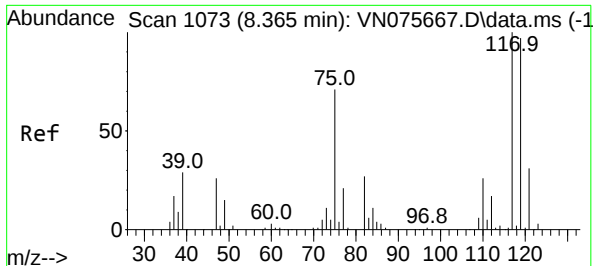
Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

192 19.5 16.2 24.2

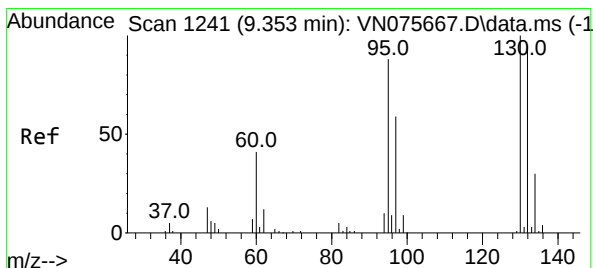
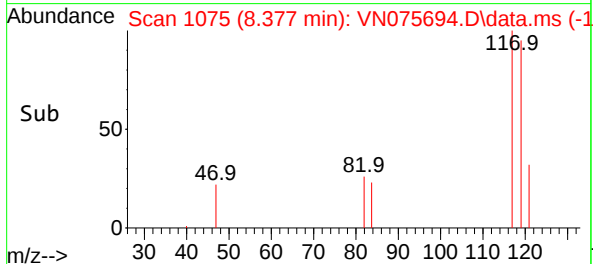
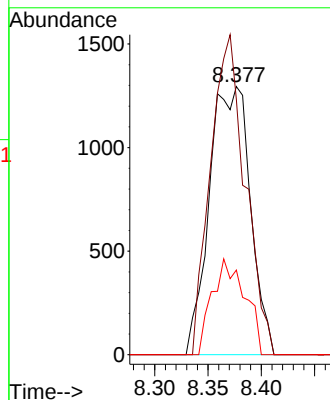
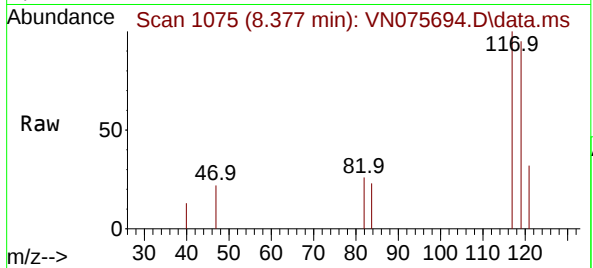




#38
Carbon Tetrachloride
Concen: 1.090 ug/l
RT: 8.377 min Scan# 117
Delta R.T. 0.012 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

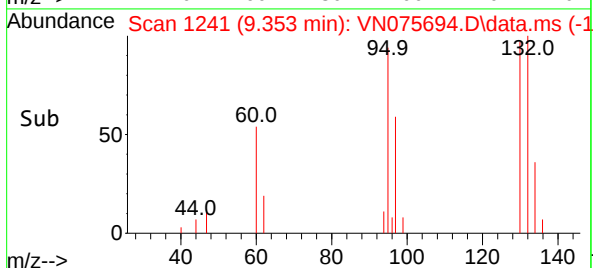
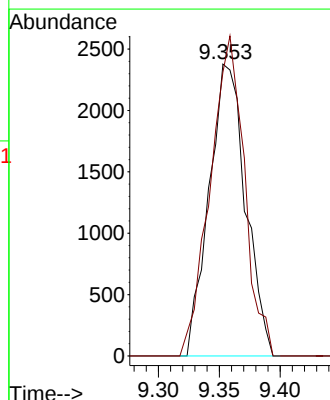
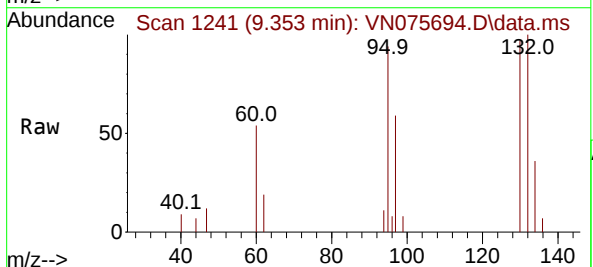
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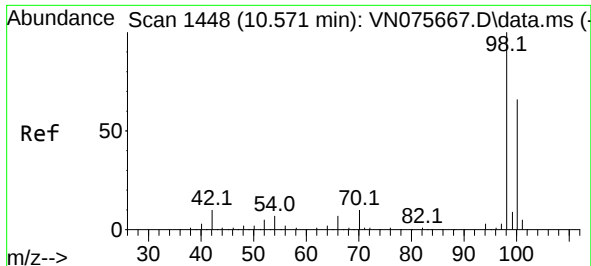
Tgt Ion:117 Resp: 3466
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 31.6 24.6 37.0



#44
Trichloroethene
Concen: 2.078 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

Tgt Ion:130 Resp: 4957
Ion Ratio Lower Upper
130 100
95 97.2 0.0 176.8

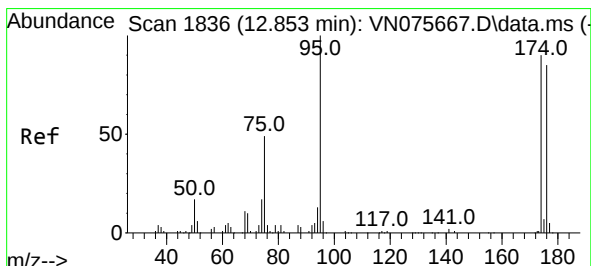
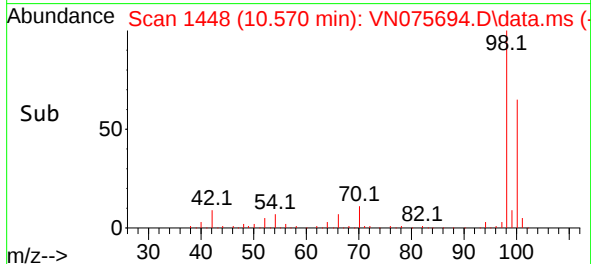
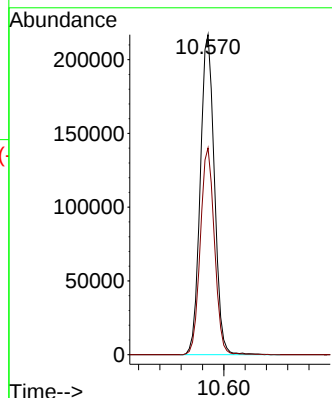
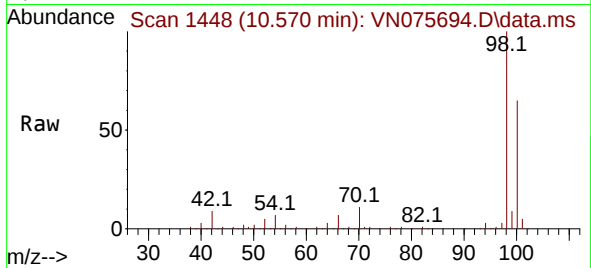




#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

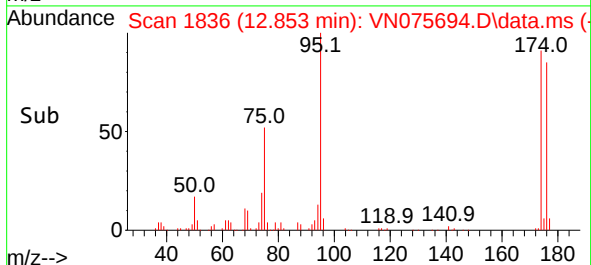
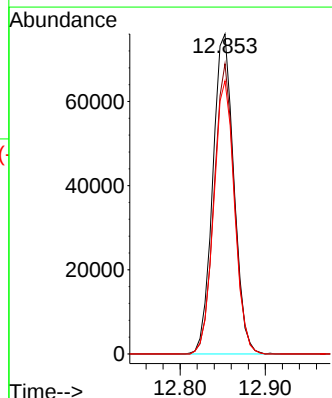
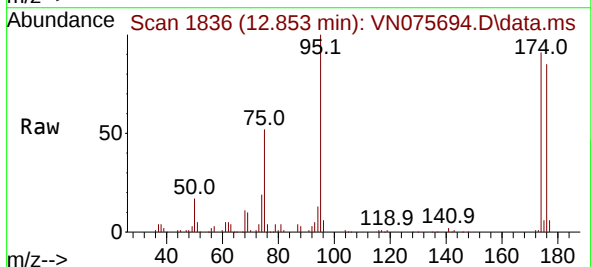
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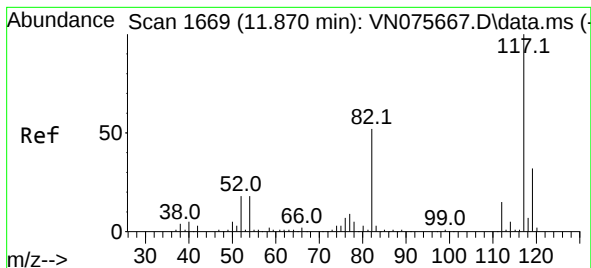
Tgt Ion: 98 Resp: 398391
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.017 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075694.D
Acq: 10 Dec 2022 06:46

Tgt Ion: 95 Resp: 130597
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.6
176 84.1 0.0 170.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075694.D

Acq: 10 Dec 2022 06:46

Instrument :

MSVOA_N

ClientSampleId :

MW-29

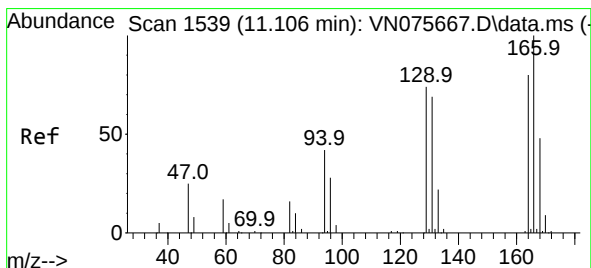
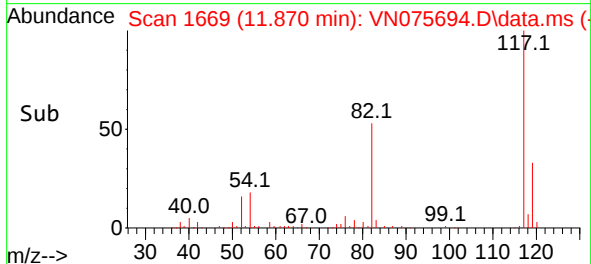
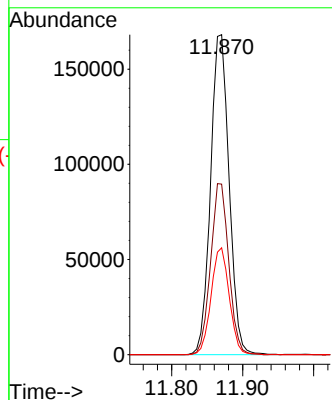
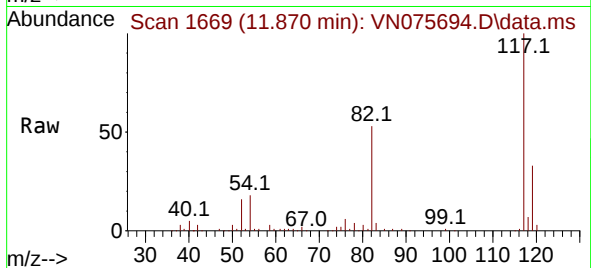
Tgt Ion:117 Resp: 304529

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

119 33.4 25.8 38.6



#64

Tetrachloroethene

Concen: 26.518 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075694.D

Acq: 10 Dec 2022 06:46

Tgt Ion:164 Resp: 58821

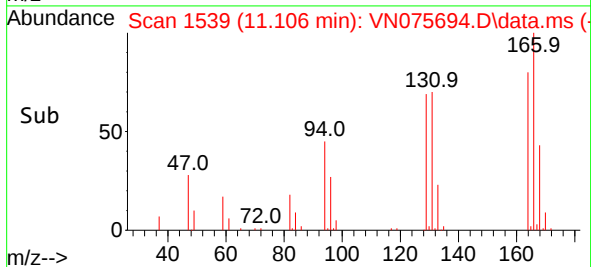
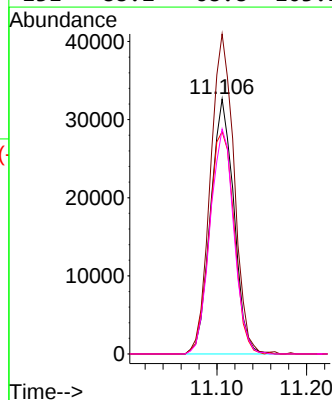
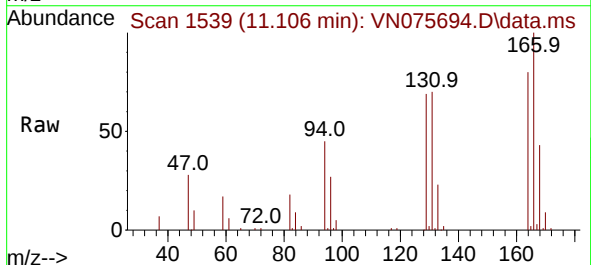
Ion Ratio Lower Upper

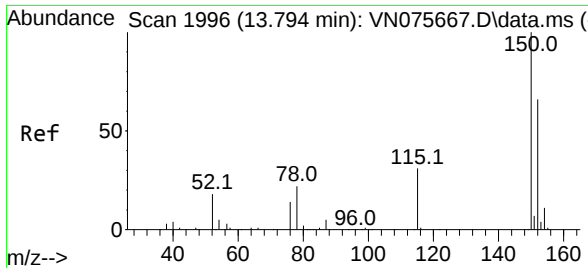
164 100

166 125.5 100.3 150.5

129 87.2 73.9 110.9

131 88.2 68.8 103.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075694.D
 Acq: 10 Dec 2022 06:46

Instrument :
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Tgt Ion:152	Resp:	142805
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.4 85.2
150	156.2	0.0 347.6

