

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075972.D
 Acq On : 23 Dec 2022 17:34
 Operator : JC\MD
 Sample : N6206-01 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 26 04:35:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

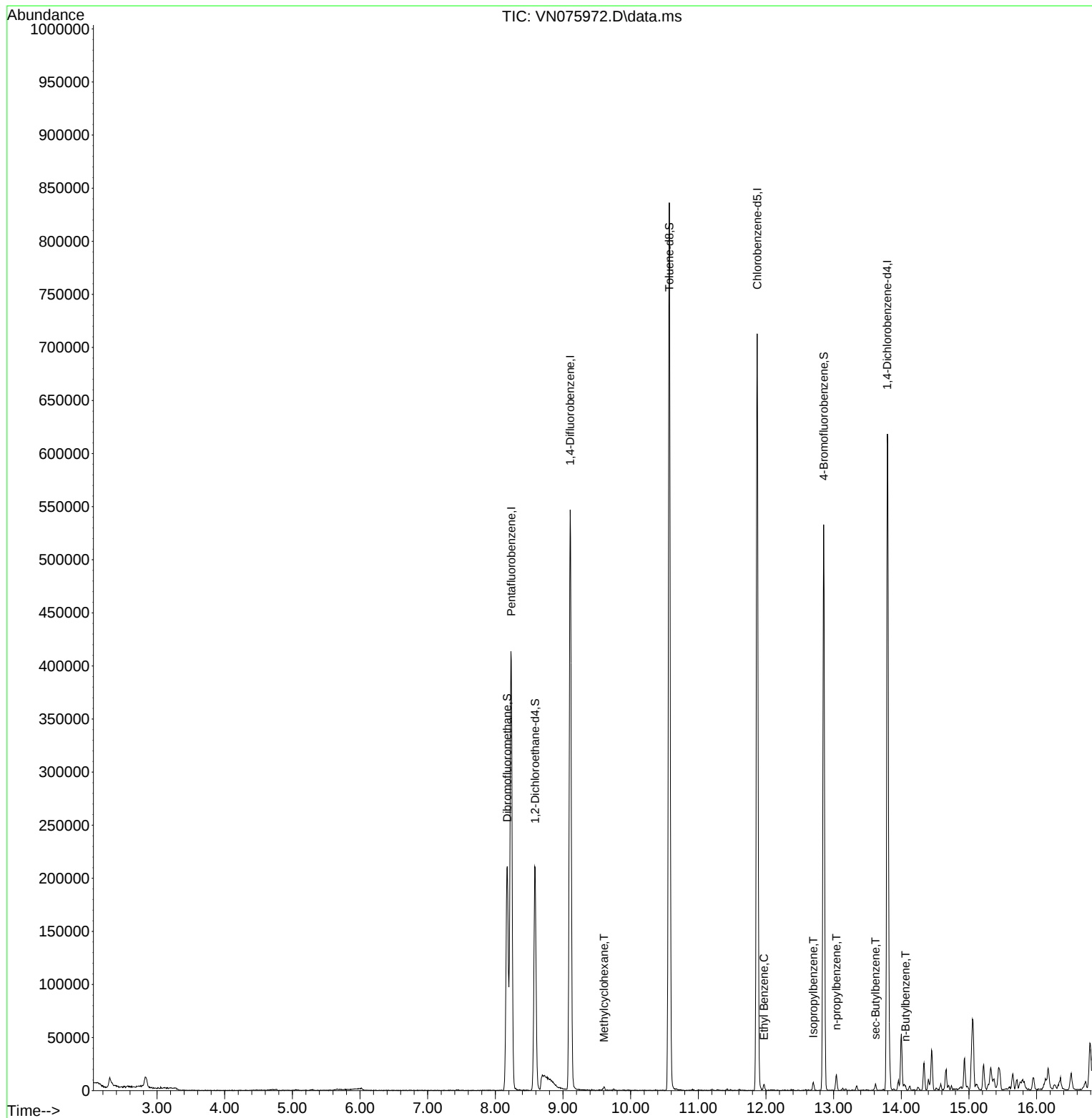
Internal Standards						
1) Pentafluorobenzene	8.235	168	318123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	430112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	169337	48.929	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.177	113	154039	48.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	10.571	98	585289	49.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.853	95	176596	45.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	1634	0.322	ug/l #	92
67) Ethyl Benzene	11.970	91	3821	0.256	ug/l #	84
73) Isopropylbenzene	12.700	105	5751	0.438	ug/l	91
78) n-propylbenzene	13.041	91	12765	0.882	ug/l	93
85) sec-Butylbenzene	13.617	105	4069	0.304	ug/l	86
89) n-Butylbenzene	14.064	91	2948	0.327	ug/l #	74

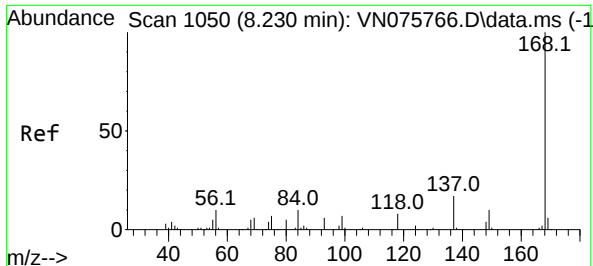
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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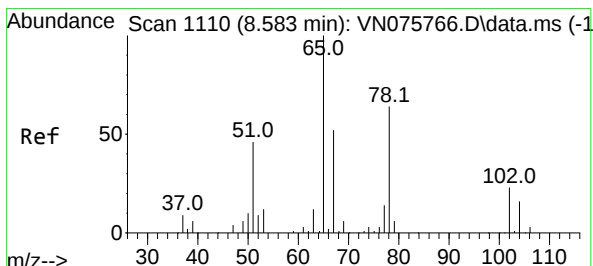
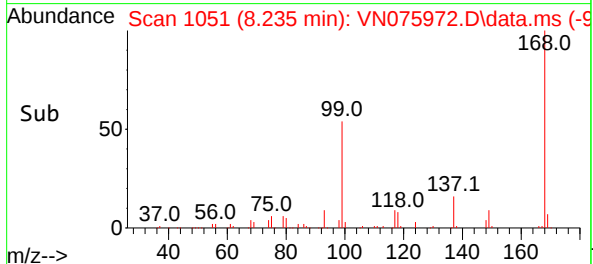
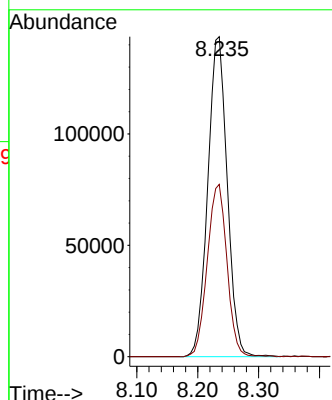
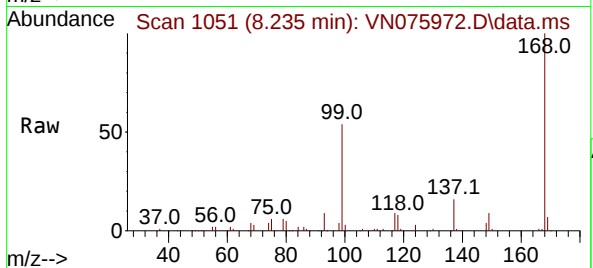




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

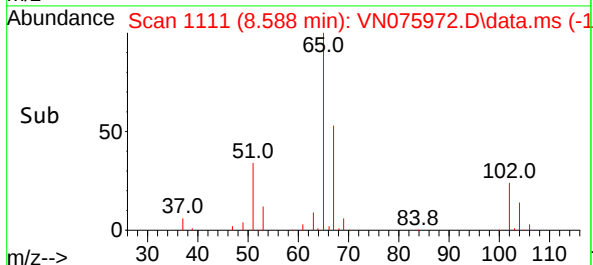
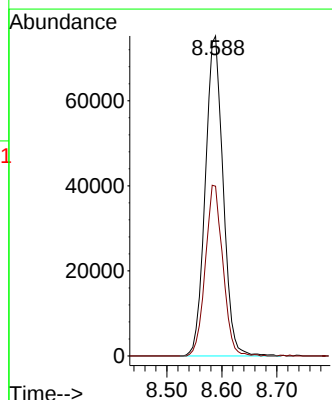
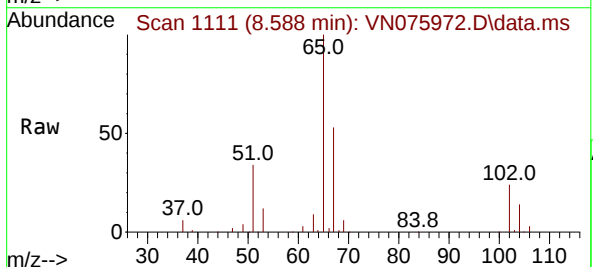
Instrument :
MSVOA_N
ClientSampleId :
MW-1

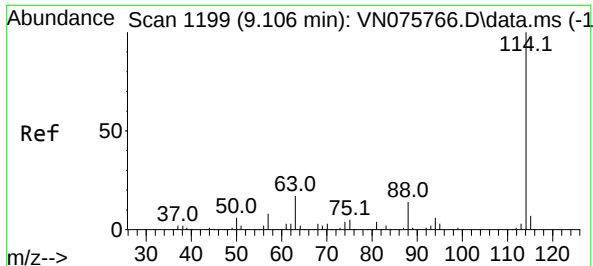
Tgt Ion:168 Resp: 318123
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

Tgt Ion: 65 Resp: 169337
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075972.D

Acq: 23 Dec 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-1

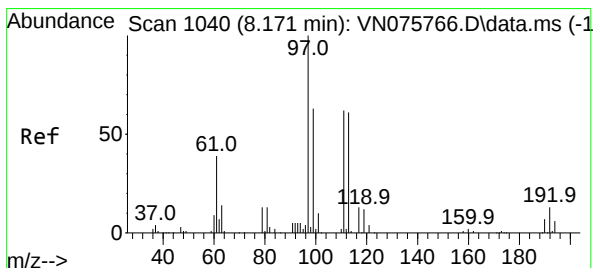
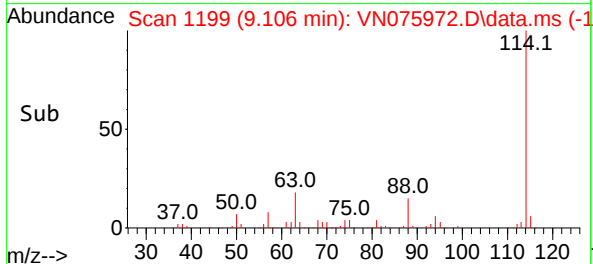
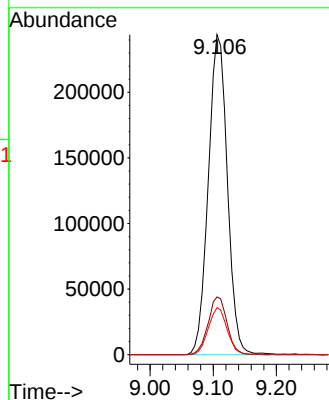
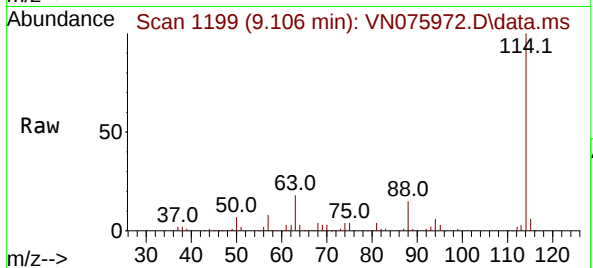
Tgt Ion:114 Resp: 511232

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.654 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075972.D

Acq: 23 Dec 2022 17:34

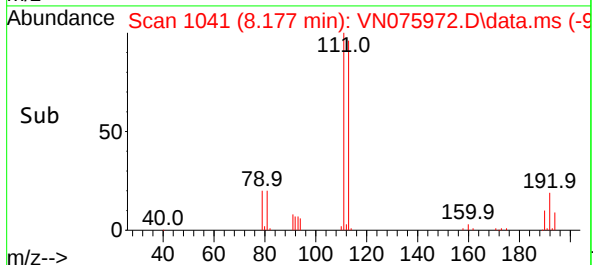
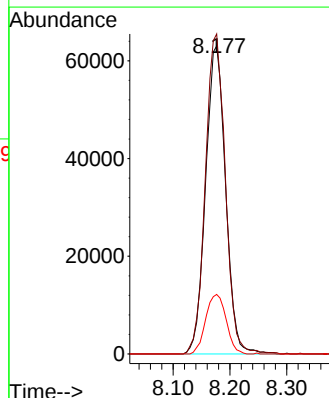
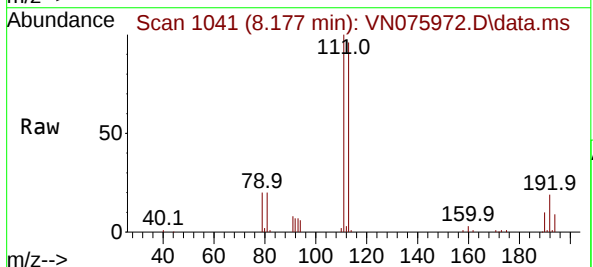
Tgt Ion:113 Resp: 154039

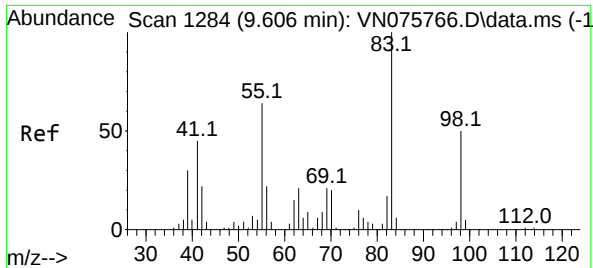
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 19.7 16.1 24.1





#39

Methylcyclohexane

Concen: 0.322 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075972.D

Acq: 23 Dec 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-1

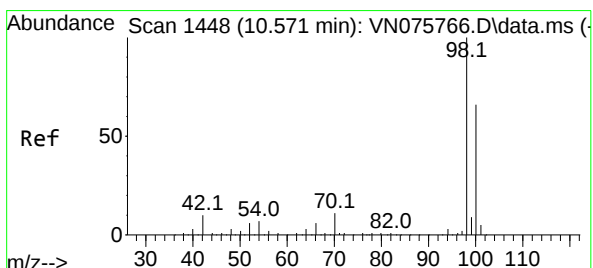
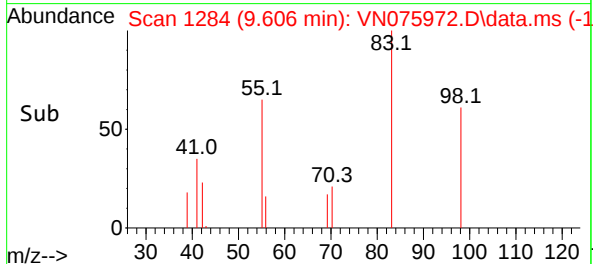
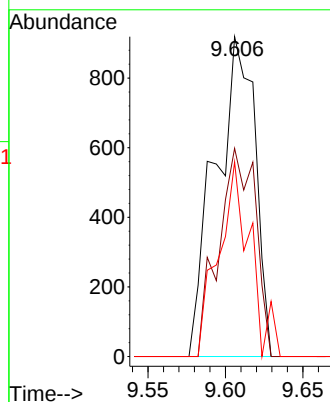
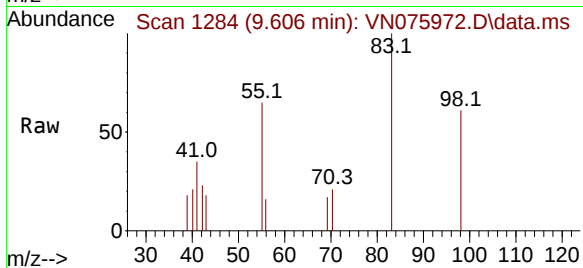
Tgt Ion: 83 Resp: 1634

Ion Ratio Lower Upper

83 100

55 65.1 51.4 77.0

98 60.8 39.8 59.8#



#50

Toluene-d8

Concen: 49.445 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075972.D

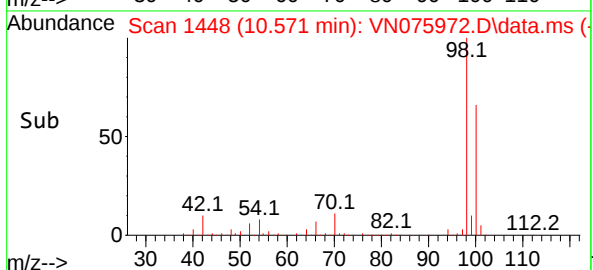
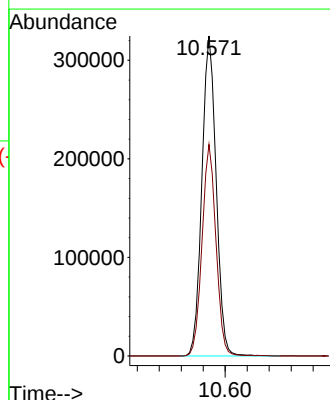
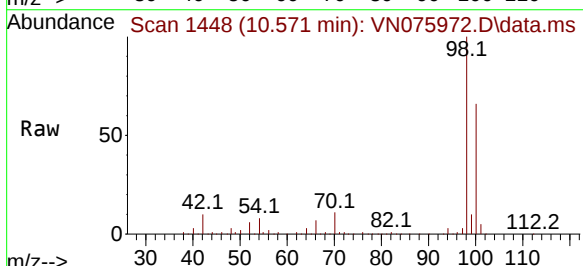
Acq: 23 Dec 2022 17:34

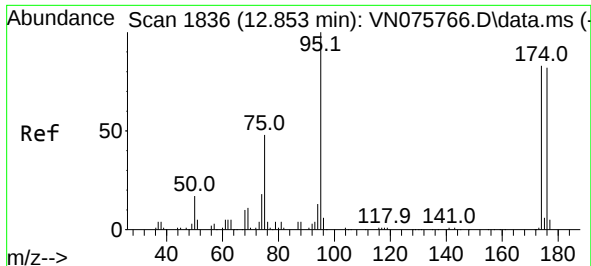
Tgt Ion: 98 Resp: 585289

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

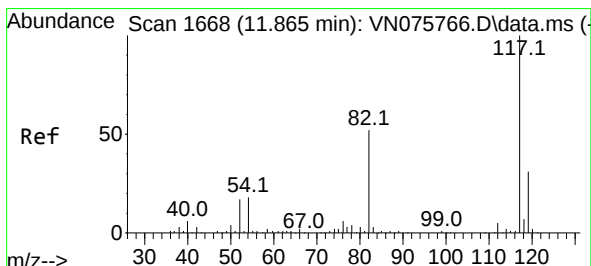
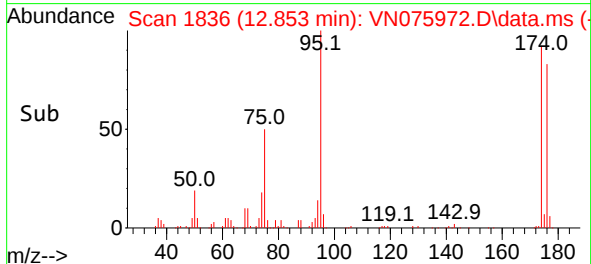
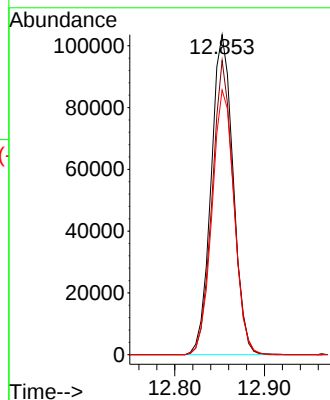
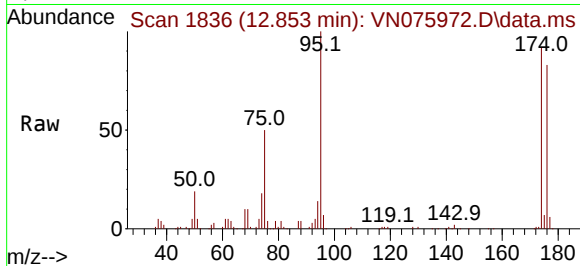




#62
4-Bromofluorobenzene
Concen: 45.043 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

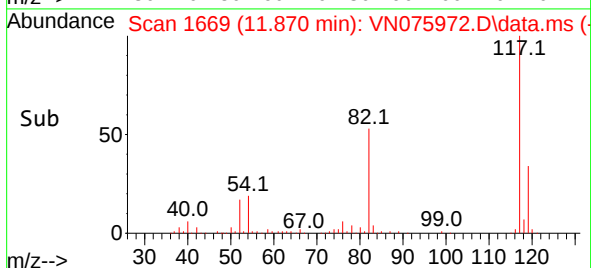
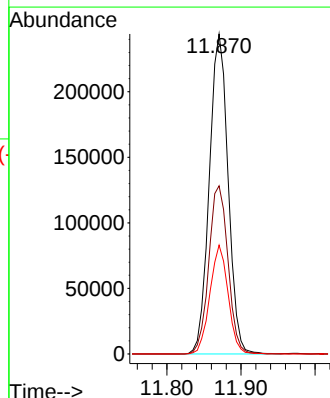
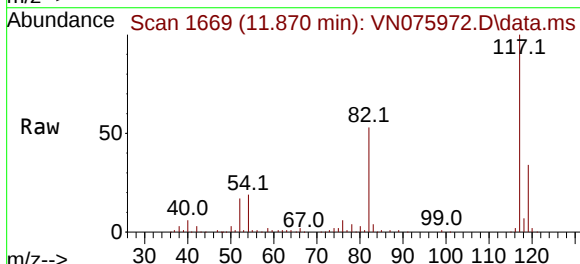
Instrument :
MSVOA_N
ClientSampleId :
MW-1

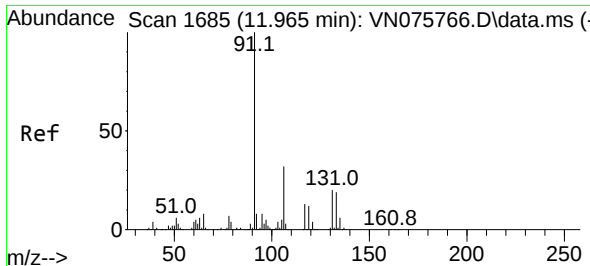
Tgt Ion: 95 Resp: 176596
Ion Ratio Lower Upper
95 100
174 88.6 0.0 171.6
176 83.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

Tgt Ion: 117 Resp: 430112
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 34.0 24.6 37.0

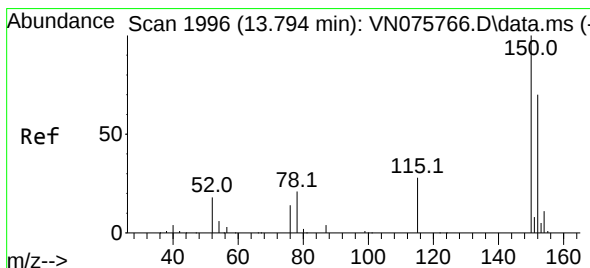
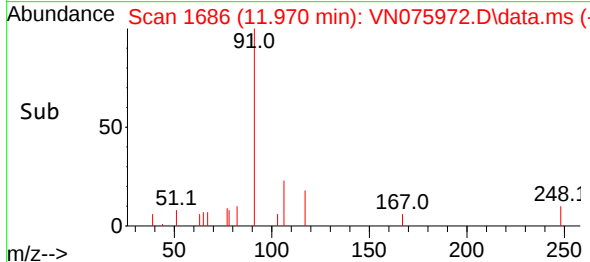
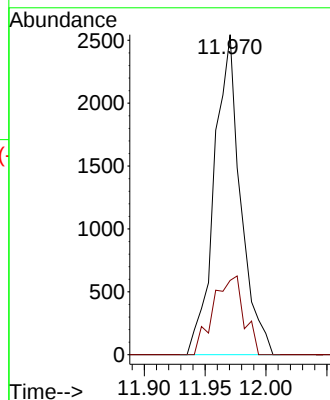
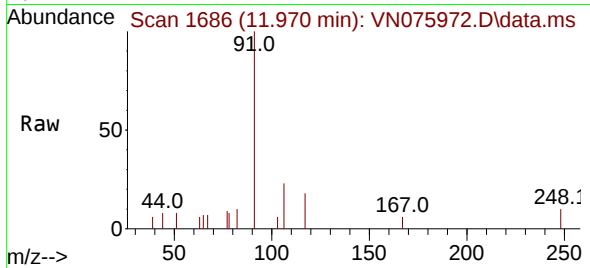




#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

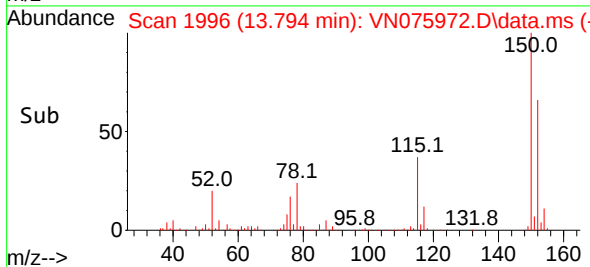
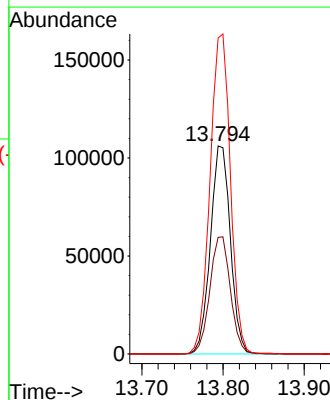
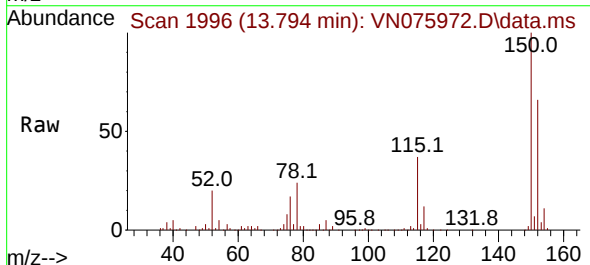
Instrument :
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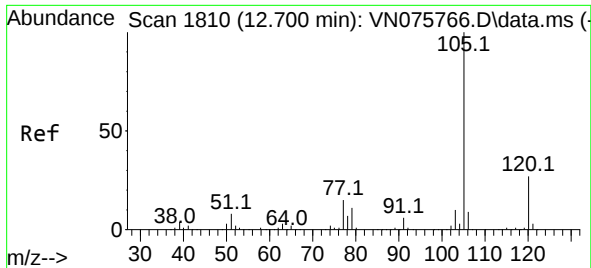
Tgt Ion: 91 Resp: 3821
Ion Ratio Lower Upper
91 100
106 23.2 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

Tgt Ion:152 Resp: 181625
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 156.7 0.0 347.0

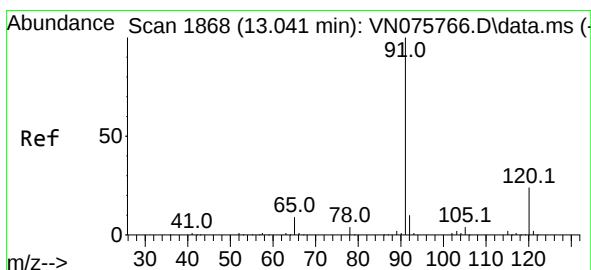
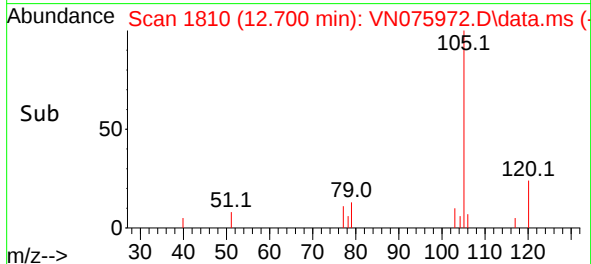
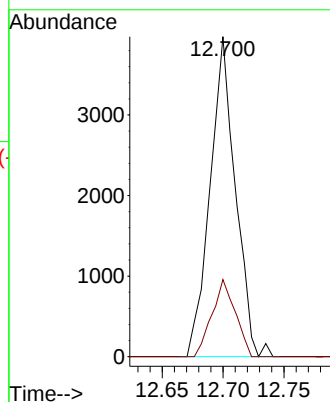
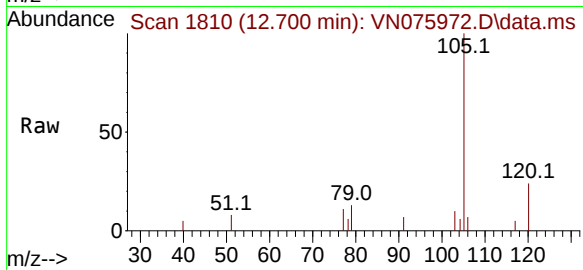




#73
Isopropylbenzene
Concen: 0.438 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

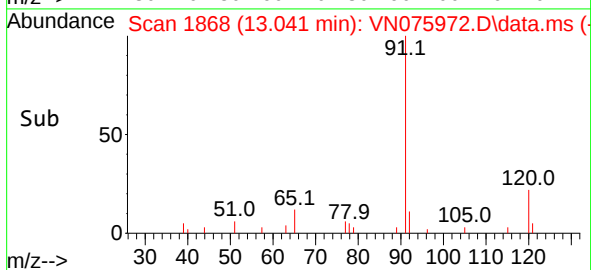
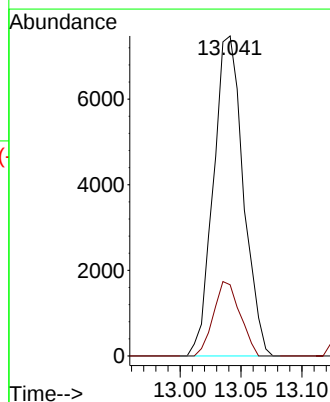
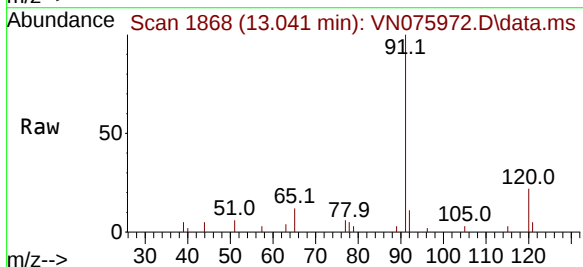
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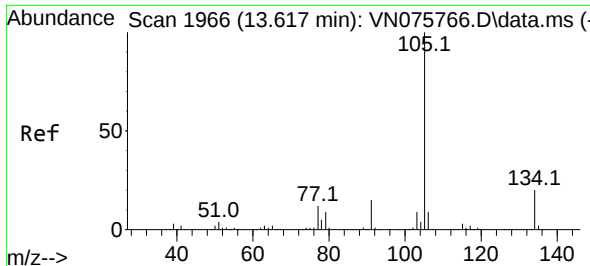
Tgt Ion:105 Resp: 5751
Ion Ratio Lower Upper
105 100
120 22.2 13.4 40.2



#78
n-propylbenzene
Concen: 0.882 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075972.D
Acq: 23 Dec 2022 17:34

Tgt Ion: 91 Resp: 12765
Ion Ratio Lower Upper
91 100
120 20.6 12.0 36.1

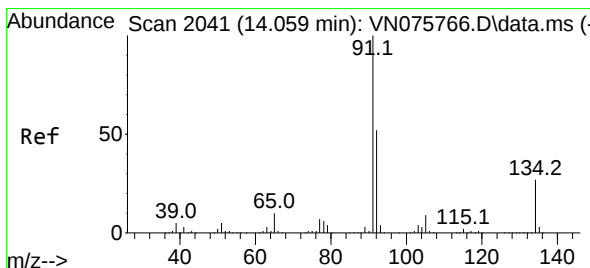
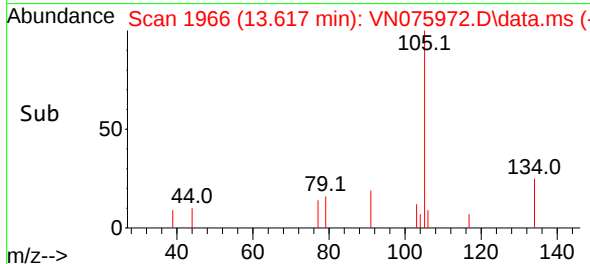
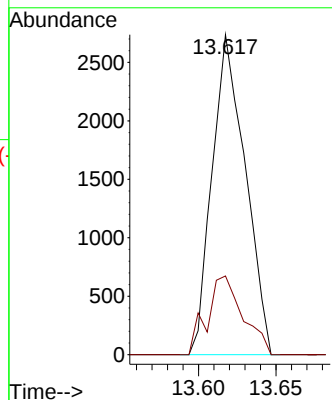
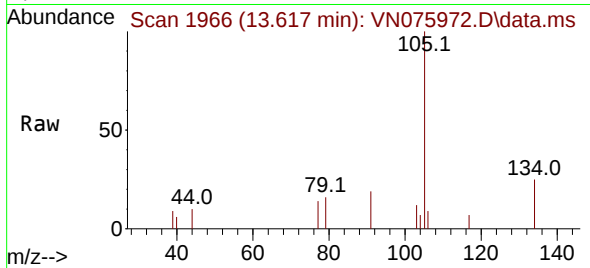




#85
 sec-Butylbenzene
 Concen: 0.304 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075972.D
 Acq: 23 Dec 2022 17:34

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion:105 Resp: 4069
 Ion Ratio Lower Upper
 105 100
 134 26.5 10.1 30.1



#89
 n-Butylbenzene
 Concen: 0.327 ug/l
 RT: 14.064 min Scan# 2042
 Delta R.T. 0.006 min
 Lab File: VN075972.D
 Acq: 23 Dec 2022 17:34

Tgt Ion: 91 Resp: 2948
 Ion Ratio Lower Upper
 91 100
 92 43.5 26.4 79.2
 134 0.0 13.4 40.2#

