

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074986.D
 Acq On : 24 Oct 2022 16:13
 Operator : JC\MD
 Sample : N5222-14DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Quant Time: Oct 25 06:40:01 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	2301292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	4027056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	4437606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	2837045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	2642789	43.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	8.177	113	2032692	42.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.820%
50) Toluene-d8	10.571	98	9189874	49.971	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.853	95	3178281	48.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.980%

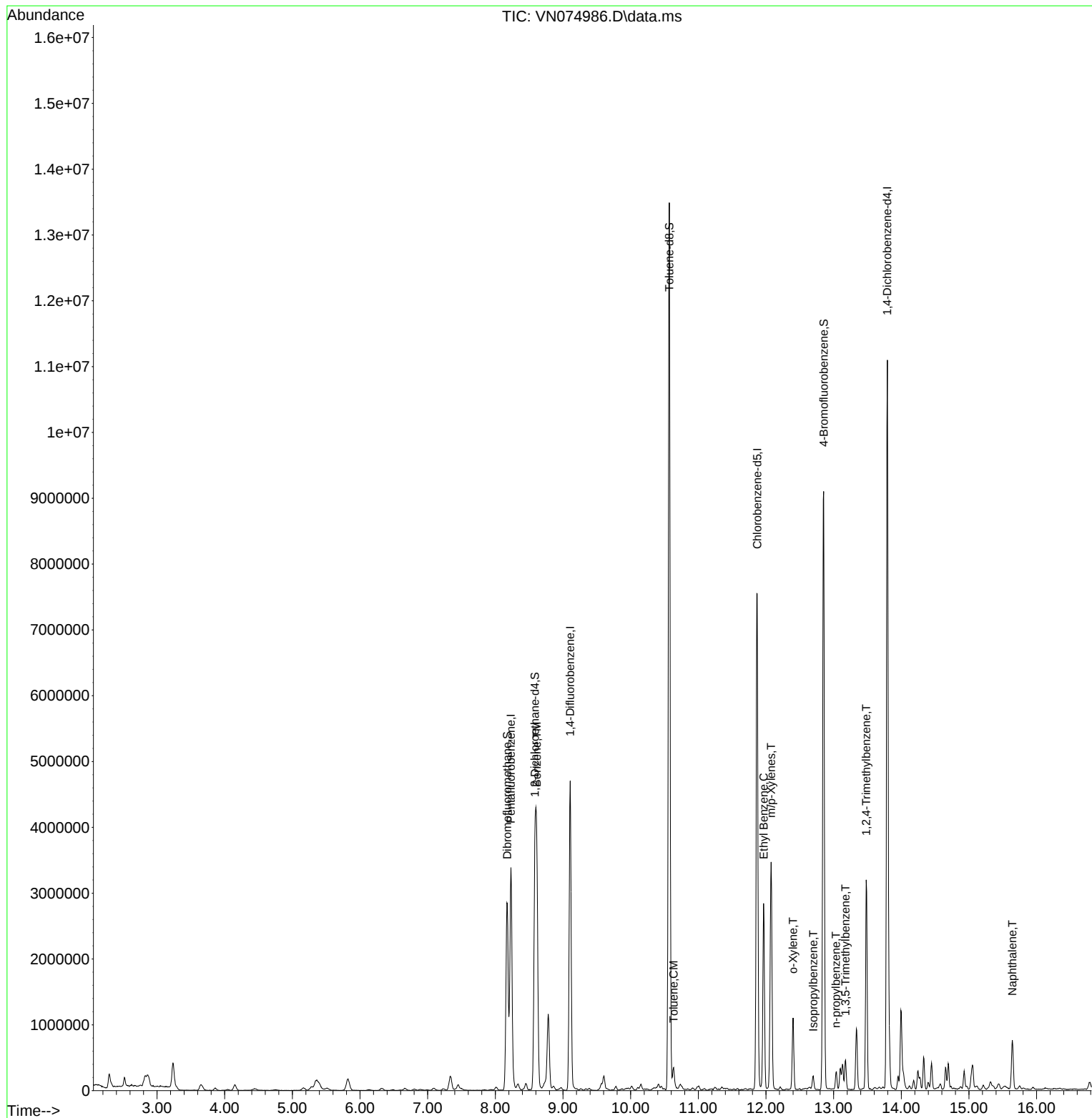
Target Compounds						Qvalue
40) Benzene	8.612	78	3383277	18.180	ug/l	99
52) Toluene	10.635	92	140824	1.160	ug/l	93
67) Ethyl Benzene	11.965	91	2079138	8.727	ug/l	98
68) m/p-Xylenes	12.076	106	1149365	12.373	ug/l	99
69) o-Xylene	12.400	106	309369	3.325	ug/l	96
73) Isopropylbenzene	12.700	105	118442	0.511	ug/l	97
78) n-propylbenzene	13.035	91	220147	0.812	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	228925	1.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1866626	9.233	ug/l	100
95) Naphthalene	15.641	128	680202	3.946	ug/l	99

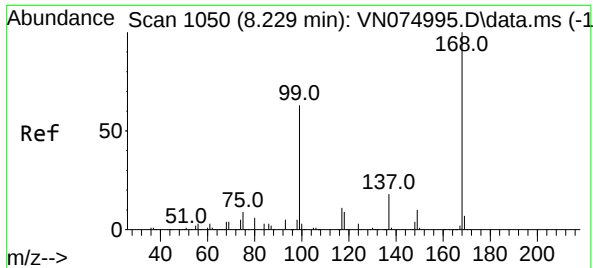
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

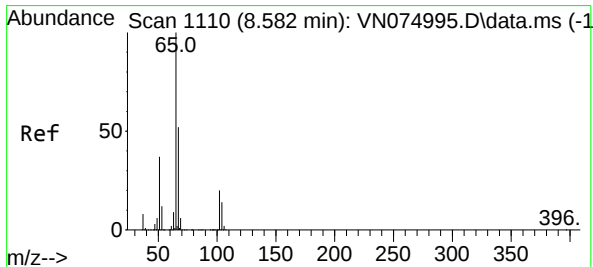
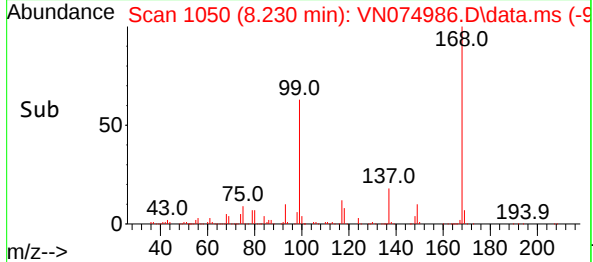
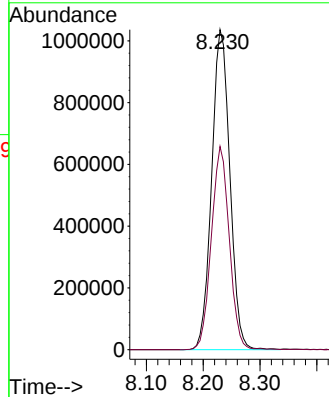
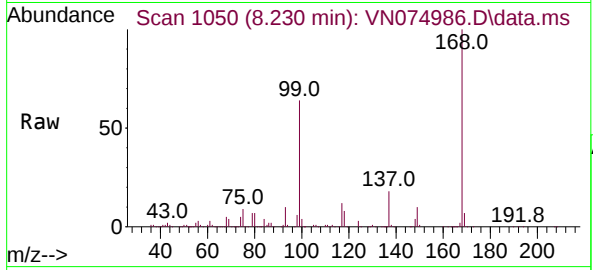




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

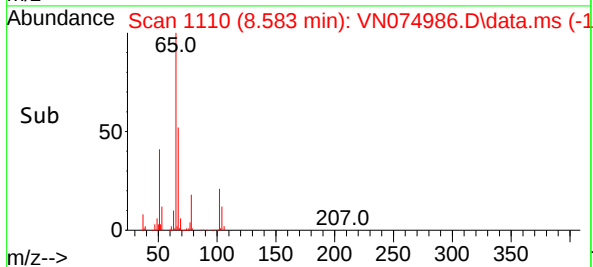
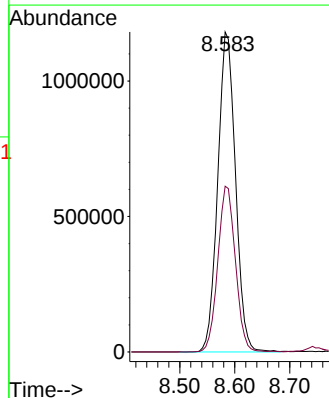
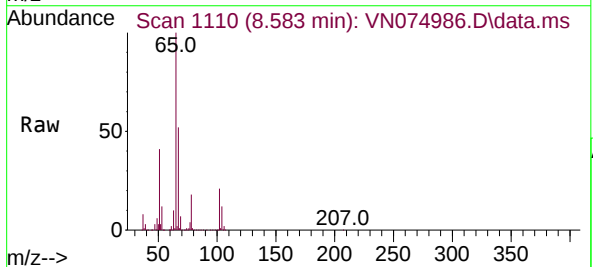
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

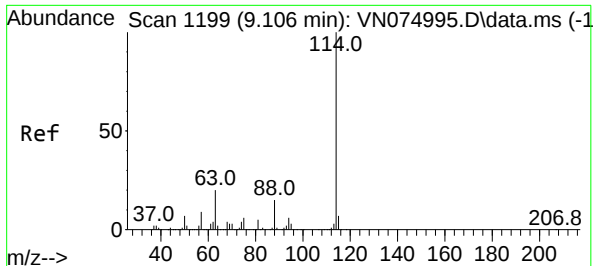
Tgt Ion:168 Resp: 2301292
Ion Ratio Lower Upper
168 100
99 63.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 43.223 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion: 65 Resp: 2642789
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: VN074986.D

Acq: 24 Oct 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

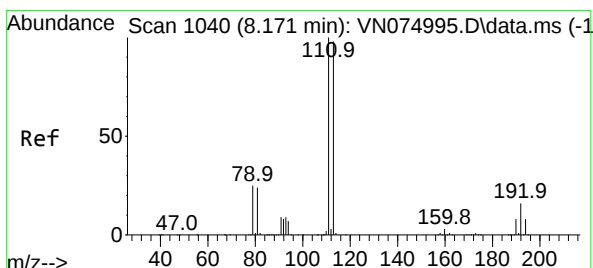
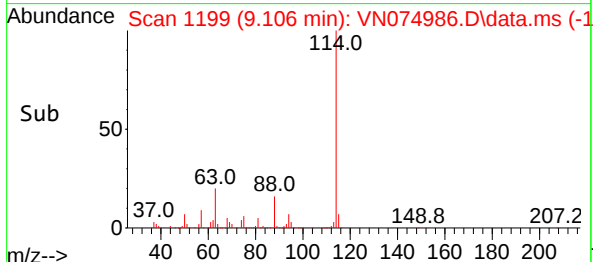
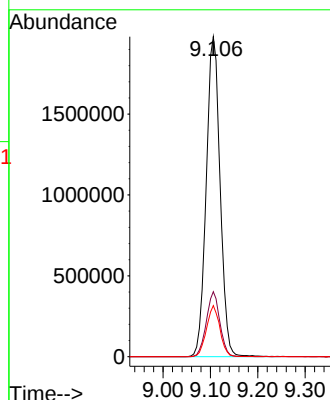
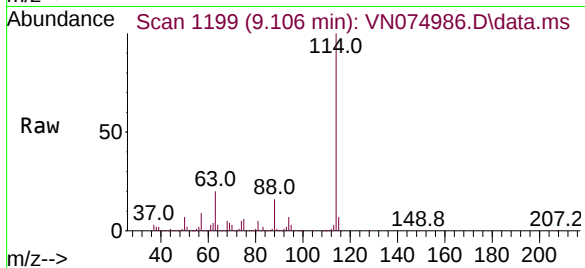
Tgt Ion:114 Resp: 4027056

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

88 16.0 0.0 30.4



#35

Dibromofluoromethane

Concen: 42.408 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074986.D

Acq: 24 Oct 2022 16:13

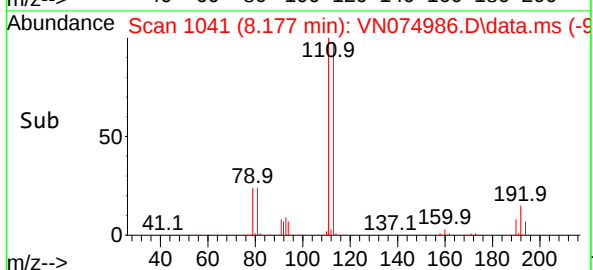
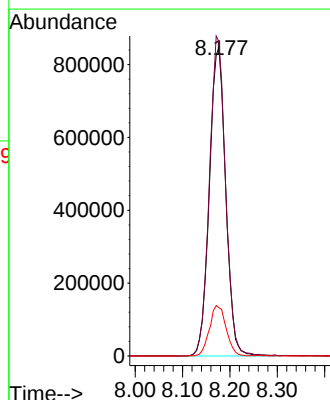
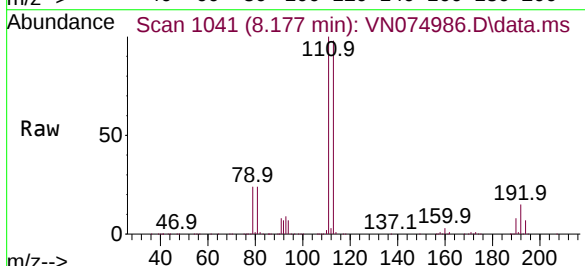
Tgt Ion:113 Resp: 2032692

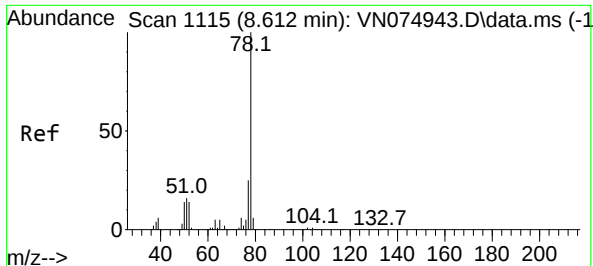
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 16.7 13.3 19.9

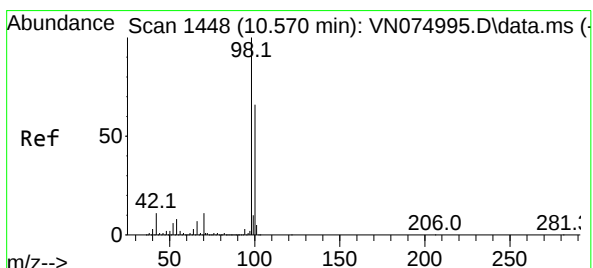
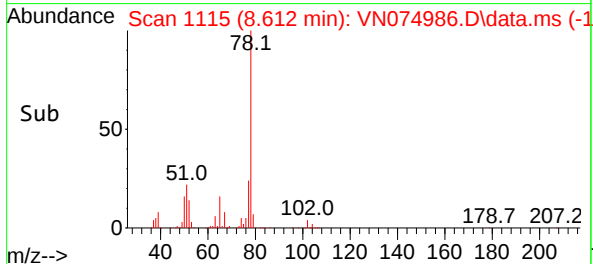
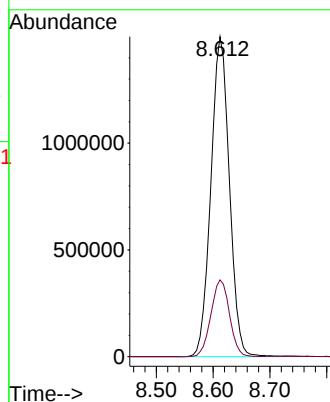
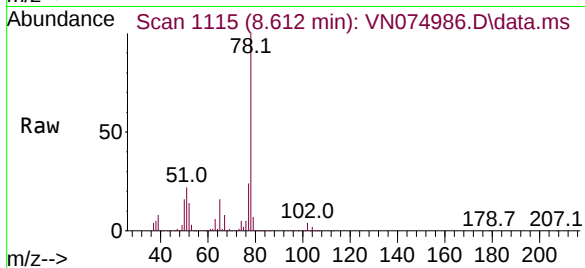




#40
Benzene
Concen: 18.180 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

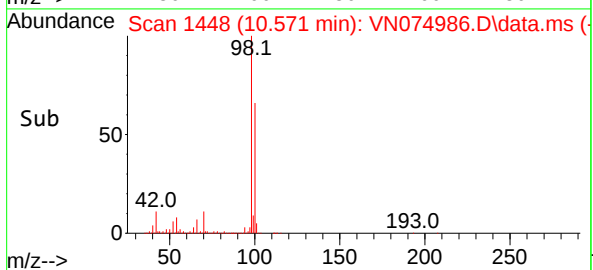
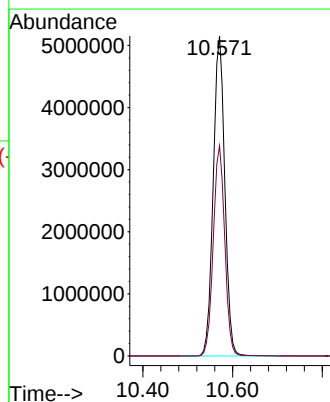
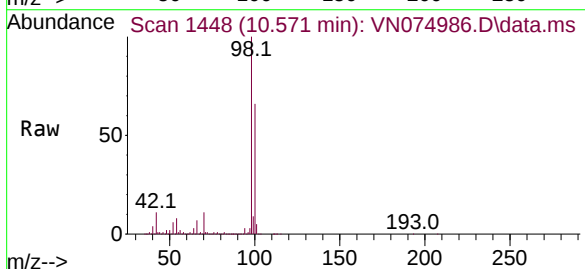
Instrument :
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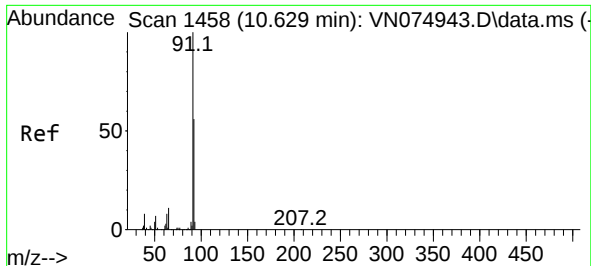
Tgt Ion: 78 Resp: 3383277
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4



#50
Toluene-d8
Concen: 49.971 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion: 98 Resp: 9189874
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2

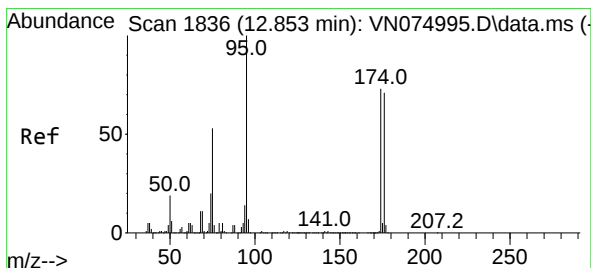
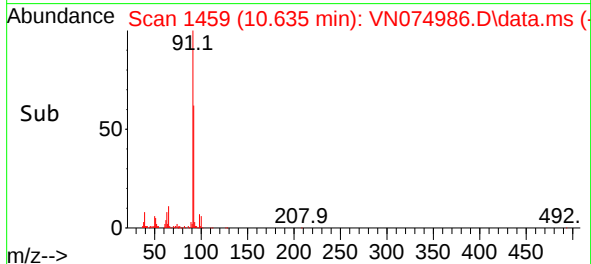
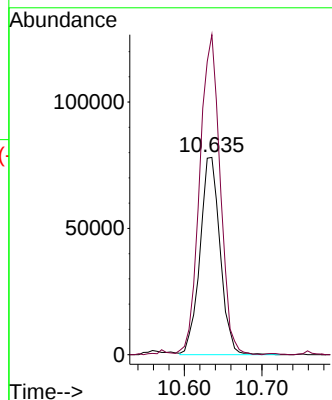
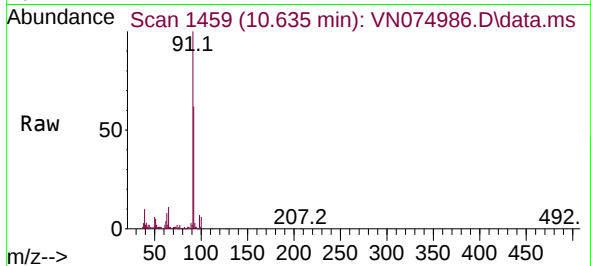




#52
Toluene
Concen: 1.160 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

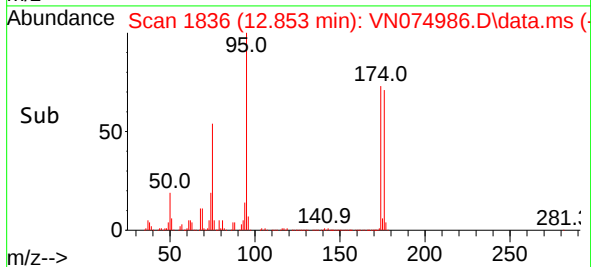
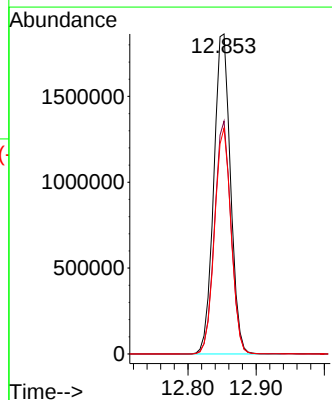
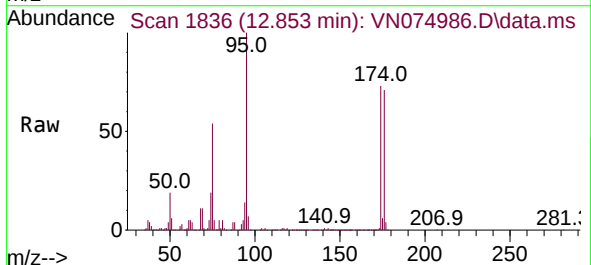
Instrument :
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MW-6DL

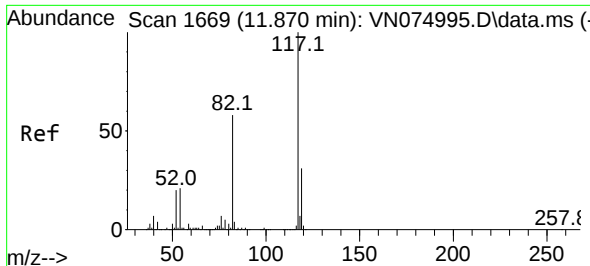
Tgt Ion: 92 Resp: 140824
Ion Ratio Lower Upper
92 100
91 164.8 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 48.994 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion: 95 Resp: 3178281
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.0
176 69.8 0.0 138.2

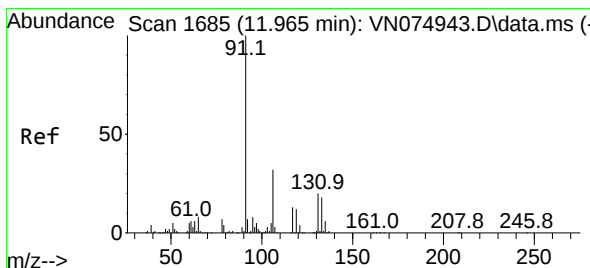
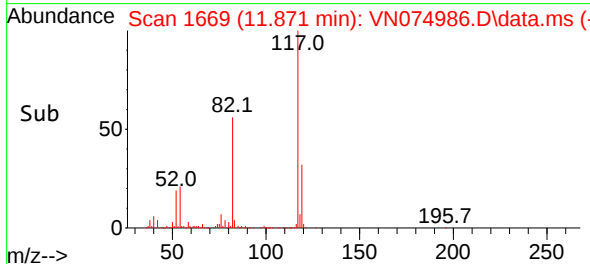
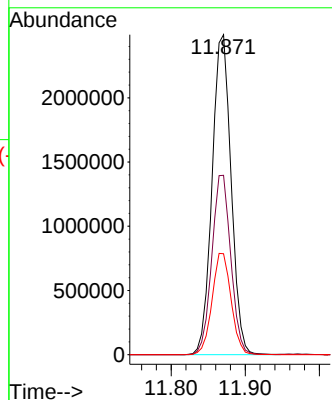
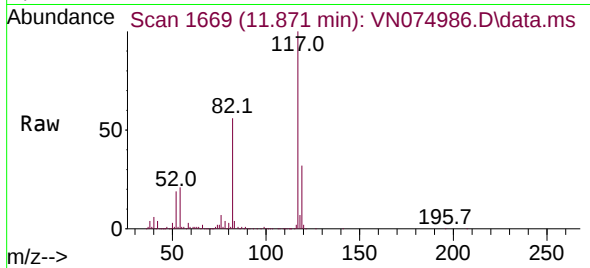




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

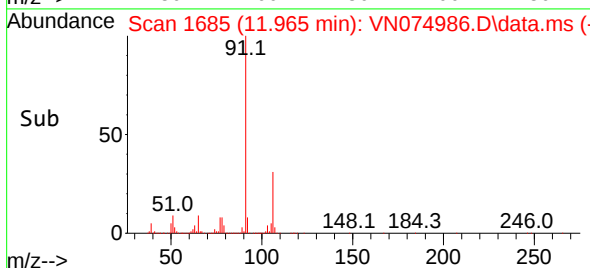
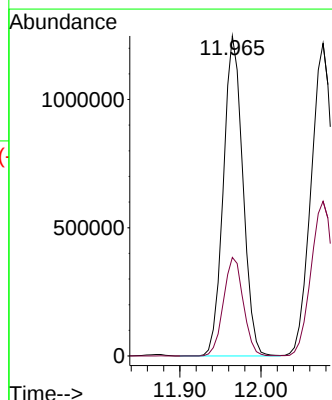
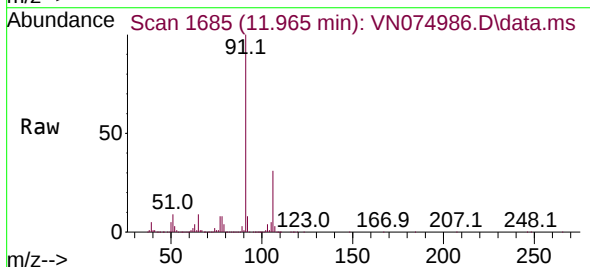
Instrument :
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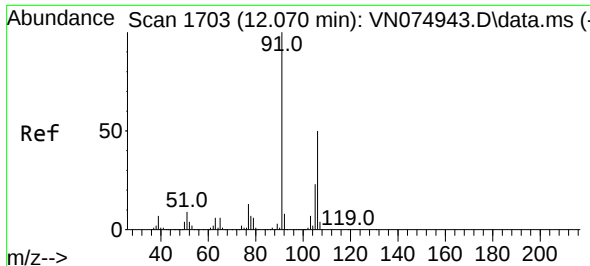
Tgt Ion:117 Resp: 4437606
Ion Ratio Lower Upper
117 100
82 56.0 45.6 68.4
119 31.6 25.1 37.7



#67
Ethyl Benzene
Concen: 8.727 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion: 91 Resp: 2079138
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

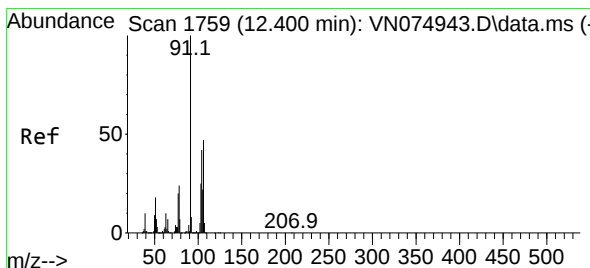
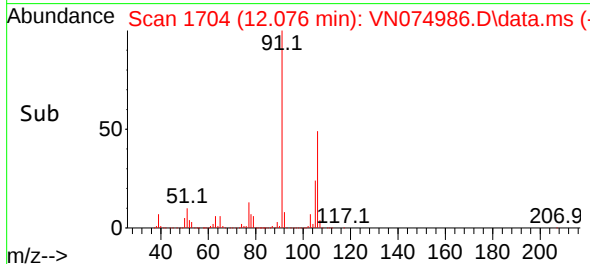
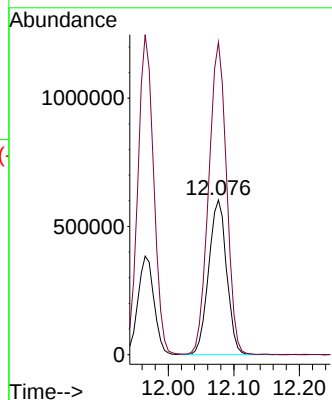
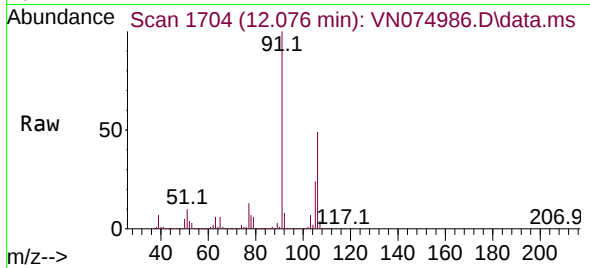




#68
m/p-Xylenes
Concen: 12.373 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

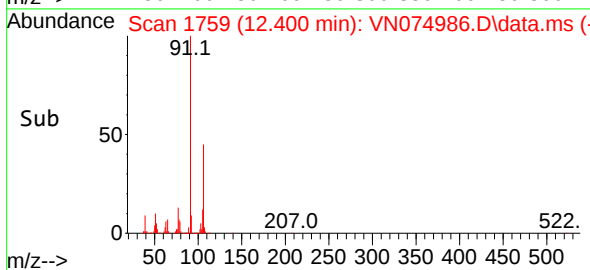
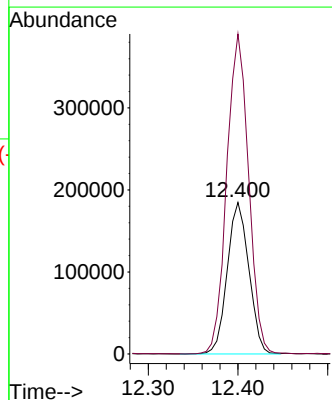
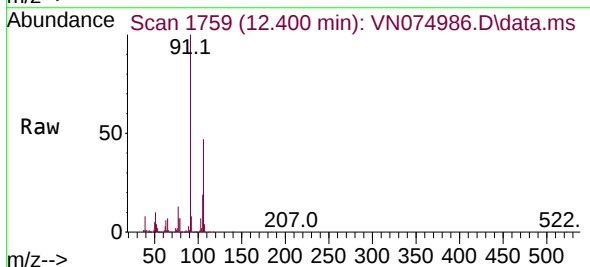
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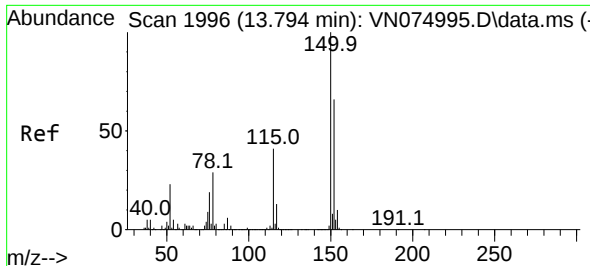
Tgt Ion:106 Resp: 1149365
Ion Ratio Lower Upper
106 100
91 200.9 159.7 239.5



#69
o-Xylene
Concen: 3.325 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion:106 Resp: 309369
Ion Ratio Lower Upper
106 100
91 213.6 103.6 310.7

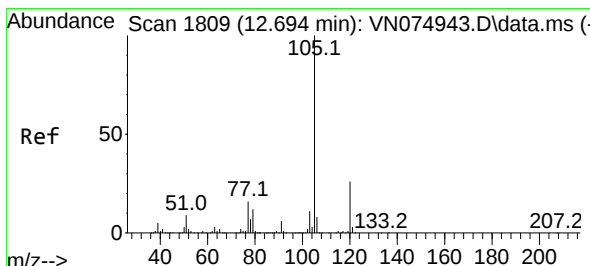
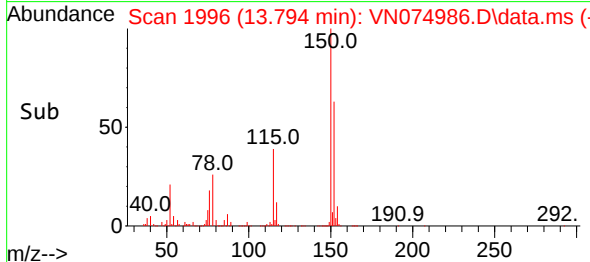
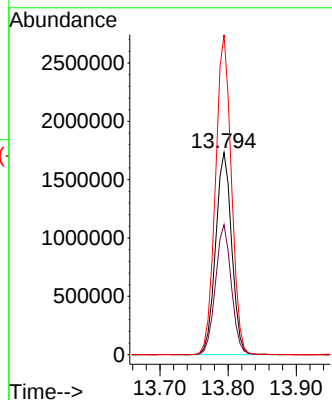
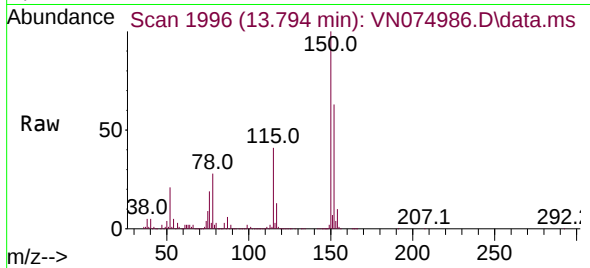




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

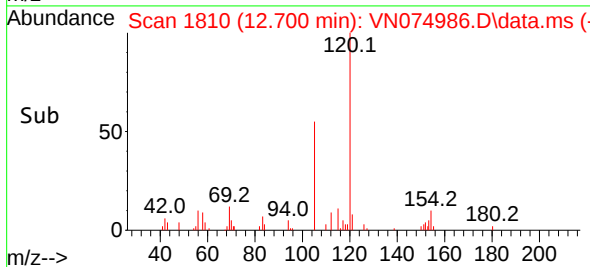
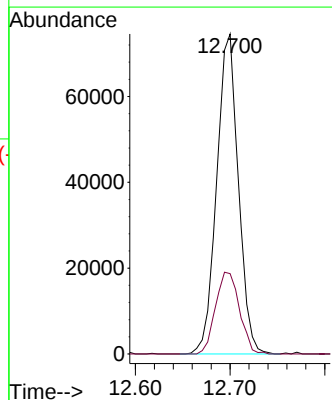
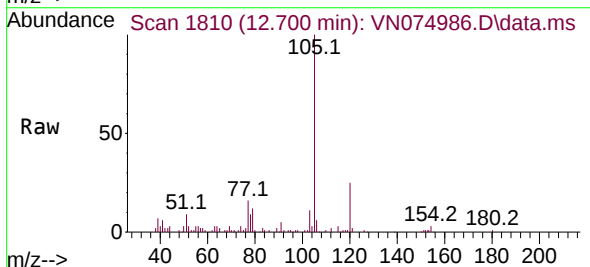
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

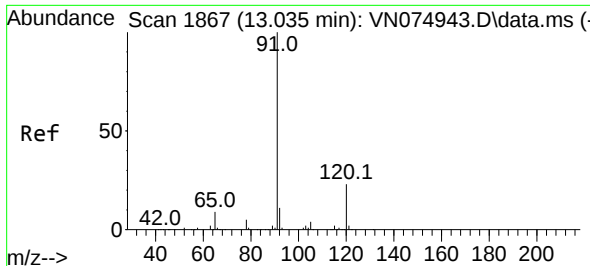
Tgt Ion:152 Resp: 2837045
Ion Ratio Lower Upper
152 100
115 63.8 31.3 93.8
150 157.0 0.0 349.6



#73
Isopropylbenzene
Concen: 0.511 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion:105 Resp: 118442
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4

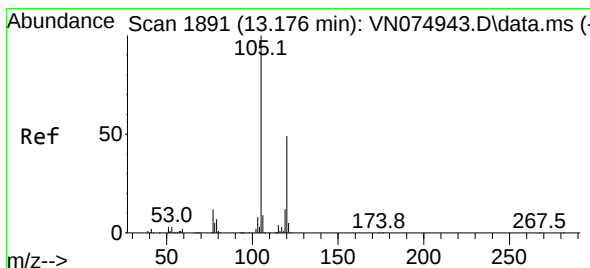
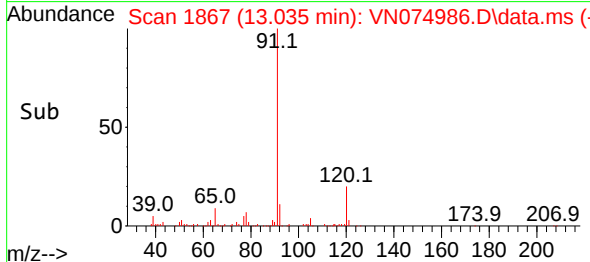
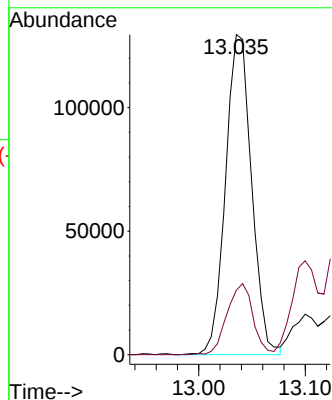
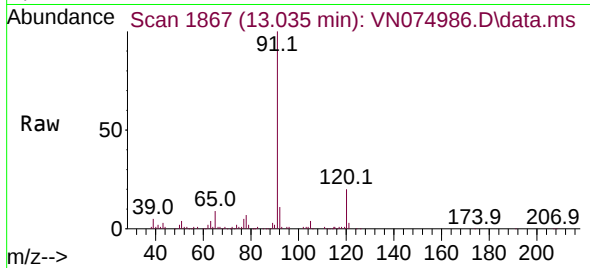




#78
n-propylbenzene
Concen: 0.812 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

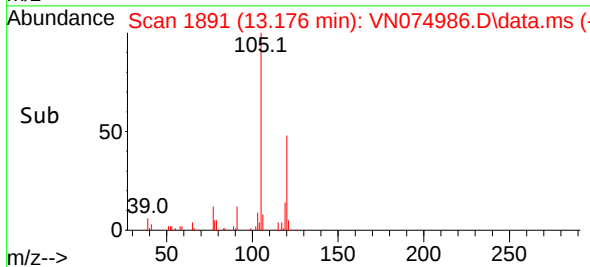
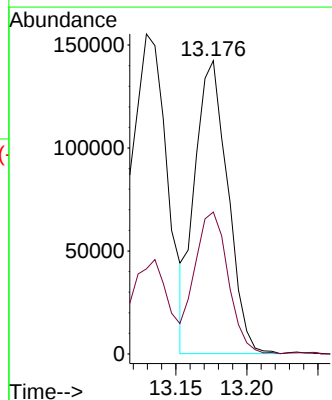
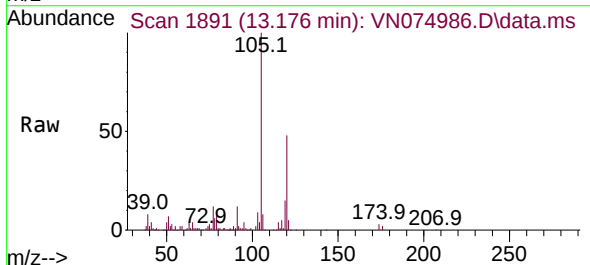
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

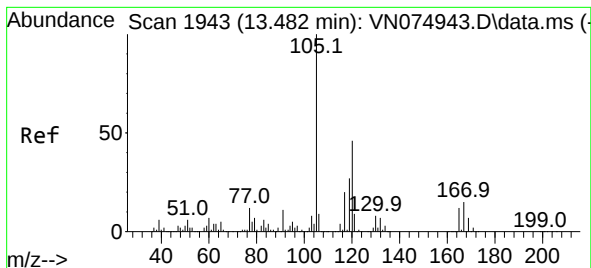
Tgt Ion: 91 Resp: 220147
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 1.144 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074986.D
Acq: 24 Oct 2022 16:13

Tgt Ion:105 Resp: 228925
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 9.233 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN074986.D

Acq: 24 Oct 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

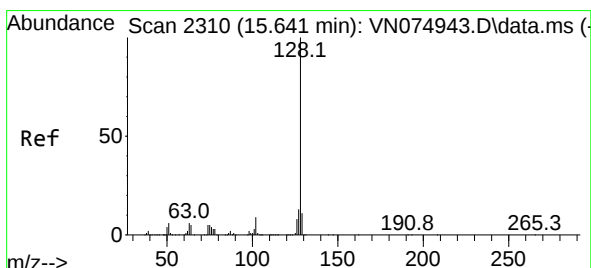
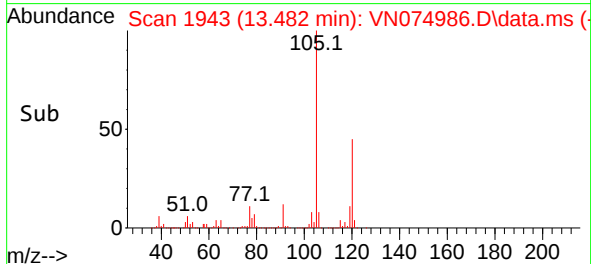
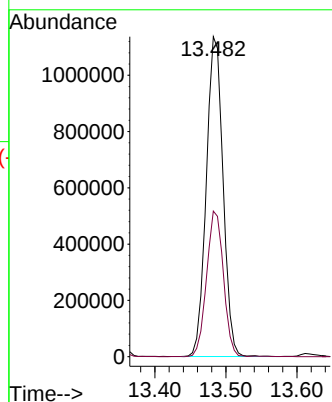
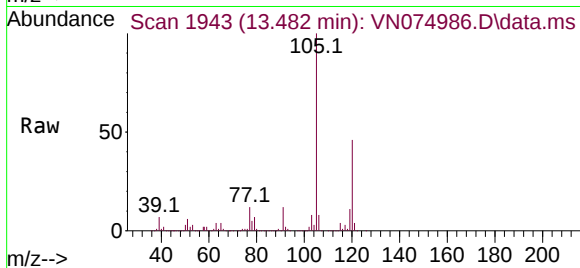
MW-6DL

Tgt Ion:105 Resp: 1866626

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.5



#95

Naphthalene

Concen: 3.946 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074986.D

Acq: 24 Oct 2022 16:13

Tgt Ion:128 Resp: 680202

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.2 8.6 12.8

