

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074985.D
 Acq On : 24 Oct 2022 15:49
 Operator : JC\MD
 Sample : N5222-07DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Quant Time: Oct 25 06:39:48 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)

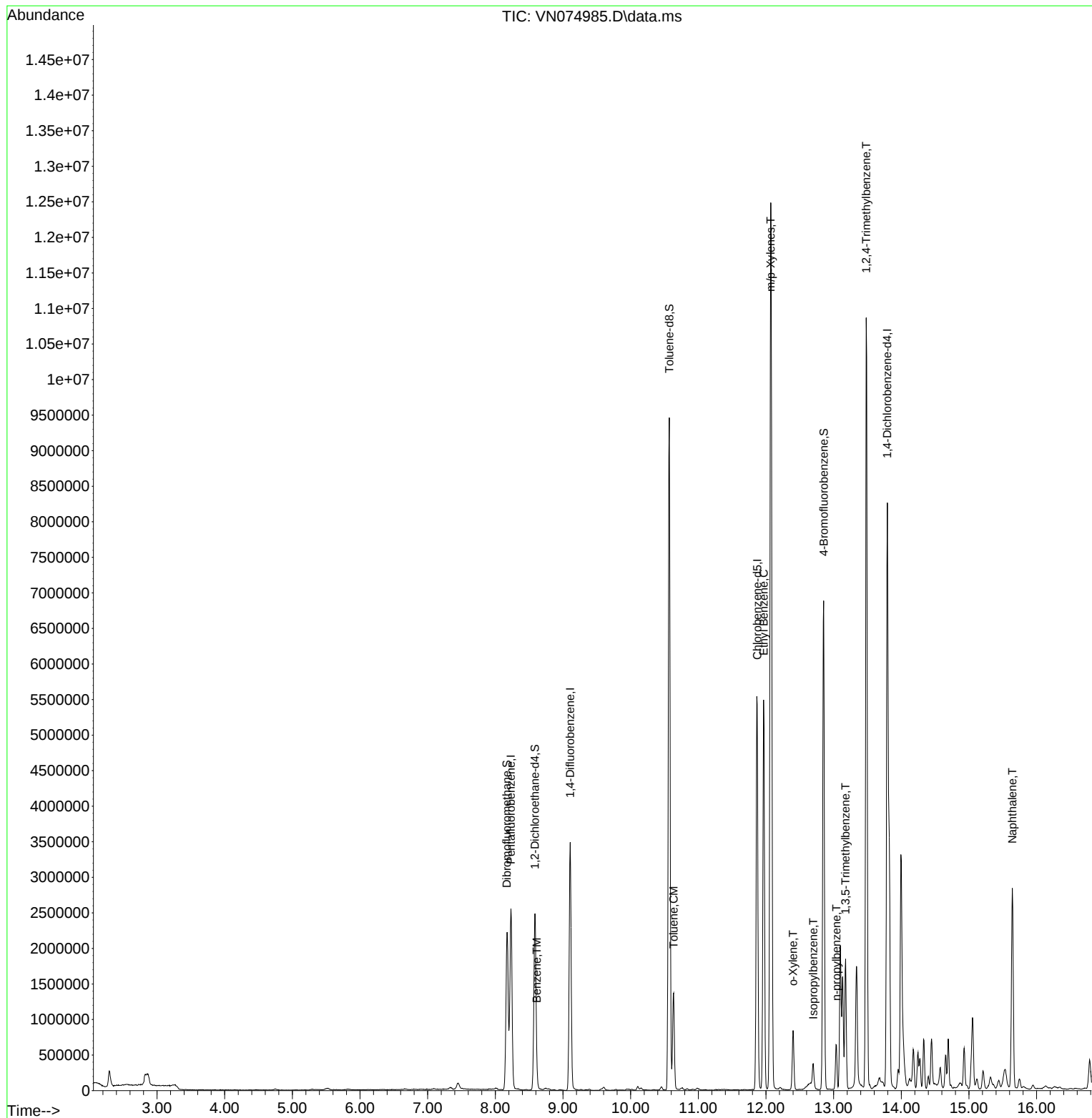
Internal Standards						
1) Pentafluorobenzene	8.230	168	1747313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	2990039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	3166712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	2130896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	2009379	43.282	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.560%
35) Dibromofluoromethane	8.171	113	1581383	44.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.860%
50) Toluene-d8	10.571	98	6653514	48.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.853	95	2391078	49.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	69764	0.505	ug/l	96
52) Toluene	10.635	92	614977	6.821	ug/l	99
67) Ethyl Benzene	11.965	91	4043215	23.782	ug/l	100
68) m/p-Xylenes	12.071	106	4259677	64.259	ug/l	99
69) o-Xylene	12.400	106	239336	3.604	ug/l	99
73) Isopropylbenzene	12.700	105	213915	1.229	ug/l	100
78) n-propylbenzene	13.041	91	523214	2.569	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1004669	6.682	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	6411049	42.219	ug/l	100
95) Naphthalene	15.641	128	2632148	20.332	ug/l	99

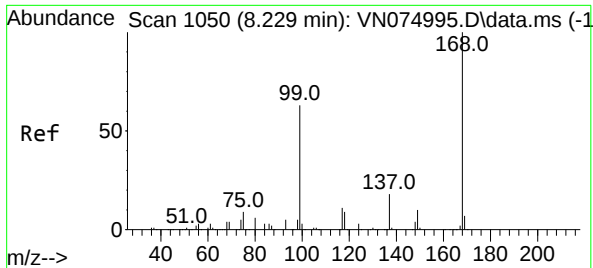
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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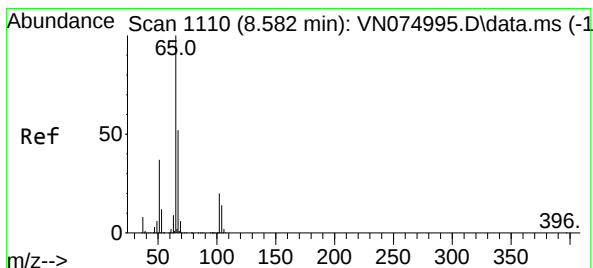
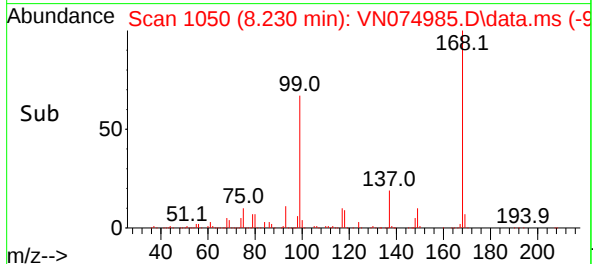
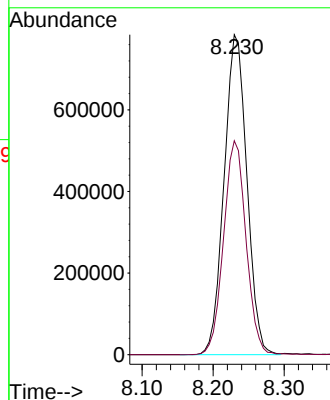
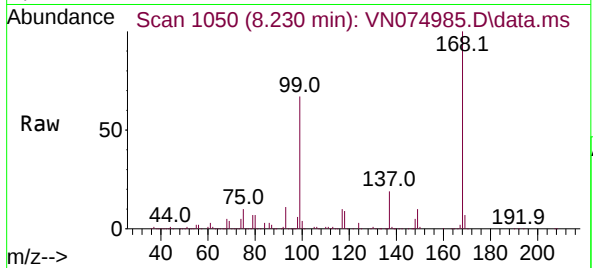




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

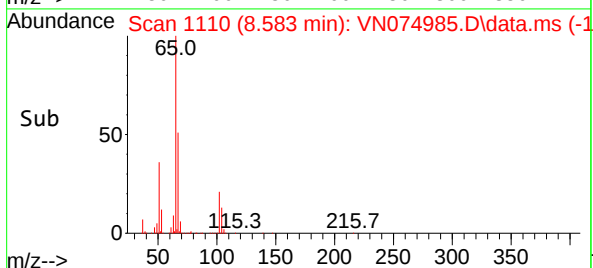
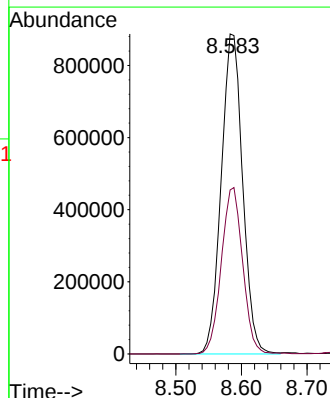
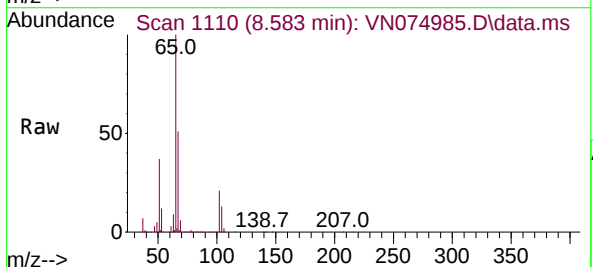
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

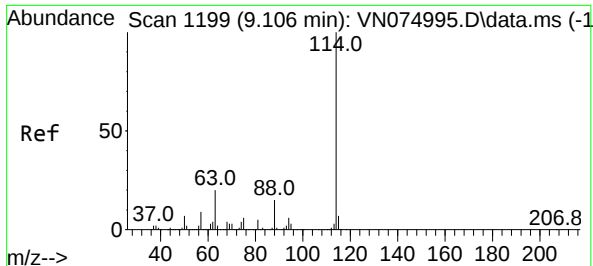
Tgt Ion:168 Resp: 1747313
Ion Ratio Lower Upper
168 100
99 66.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 43.282 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion: 65 Resp: 2009379
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.6

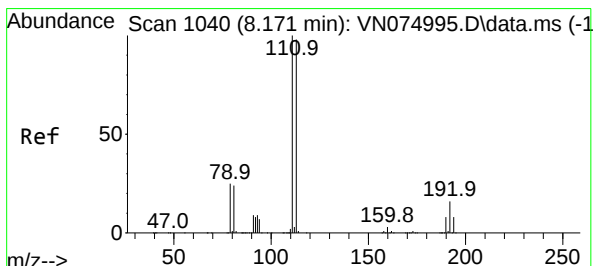
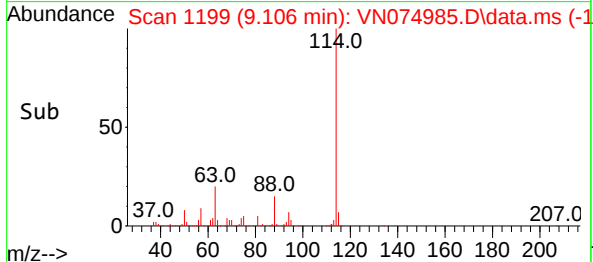
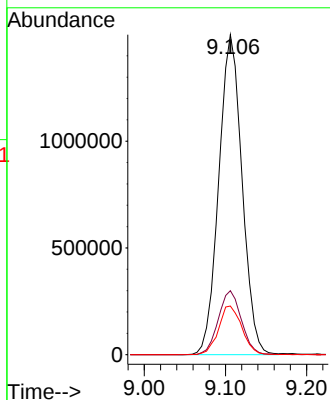
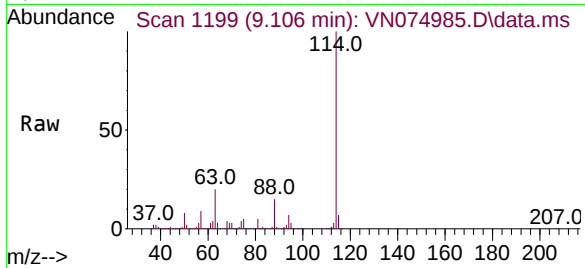




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

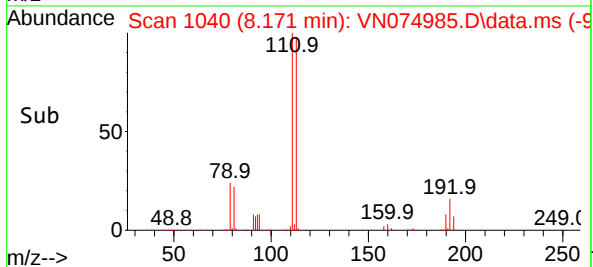
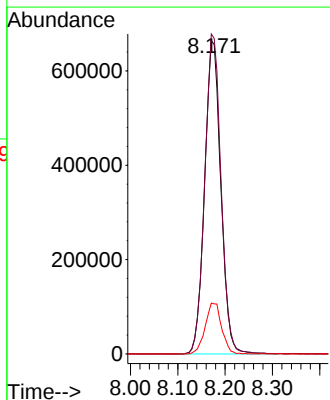
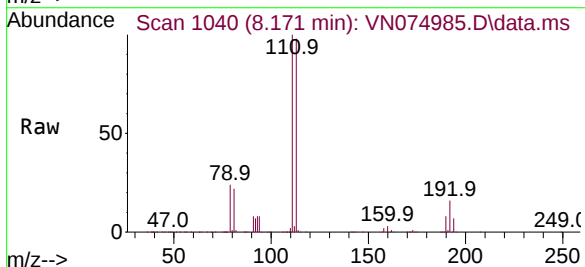
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

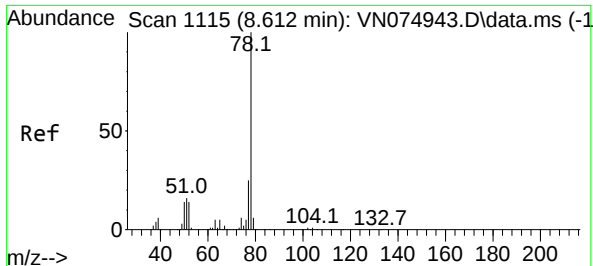
Tgt Ion:114 Resp: 2990039
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 44.434 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion:113 Resp: 1581383
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.2
192 16.5 13.3 19.9

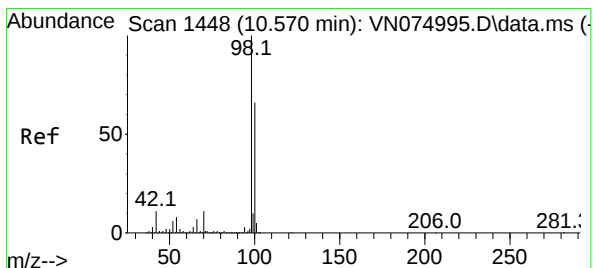
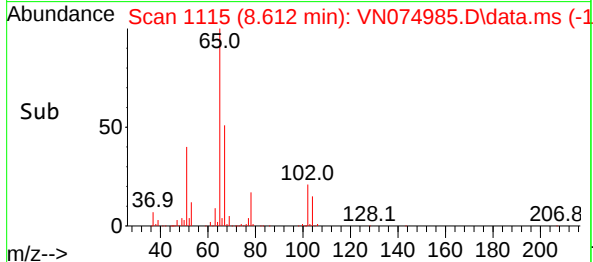
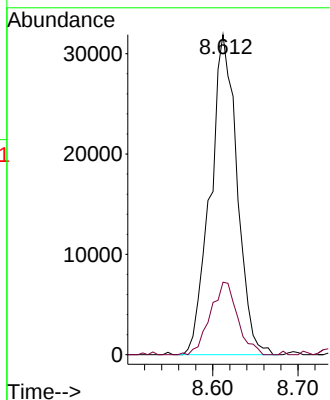
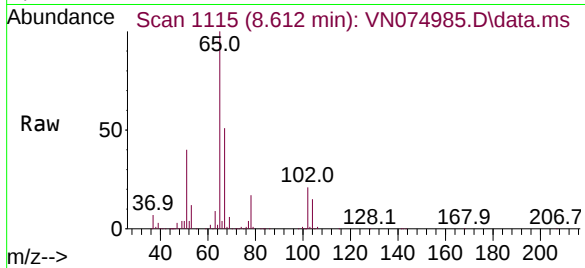




#40
Benzene
Concen: 0.505 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

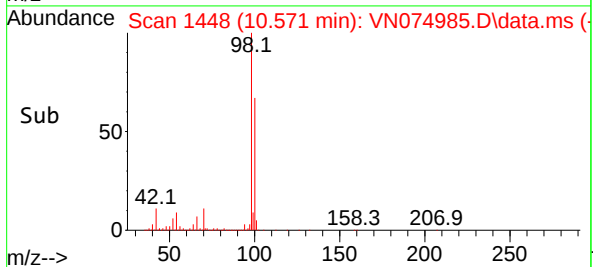
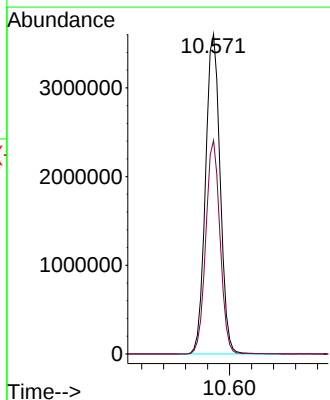
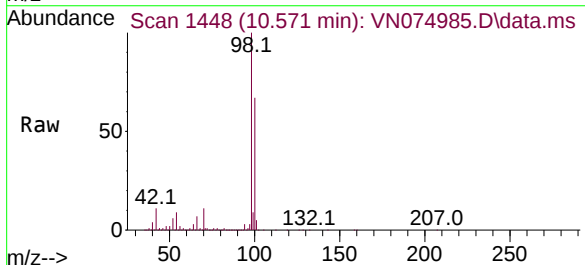
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

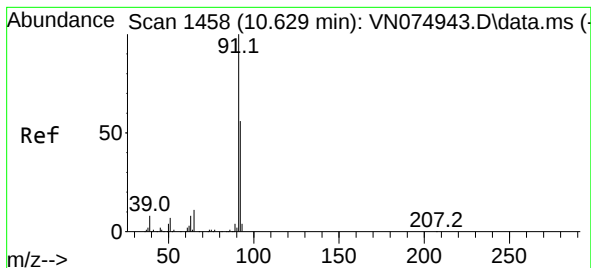
Tgt Ion: 78 Resp: 69764
Ion Ratio Lower Upper
78 100
77 22.6 19.6 29.4



#50
Toluene-d8
Concen: 48.727 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion: 98 Resp: 6653514
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2





#52

Toluene

Concen: 6.821 ug/l

RT: 10.635 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VN074985.D

Acq: 24 Oct 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

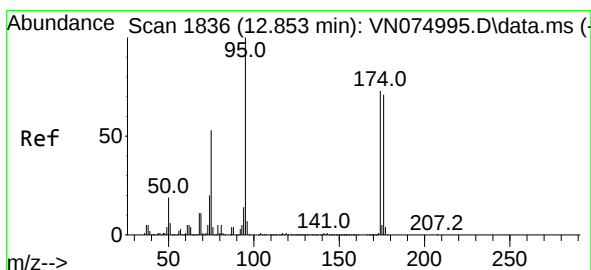
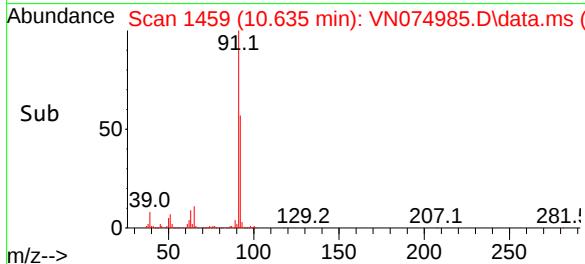
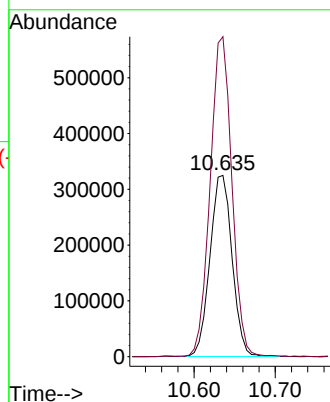
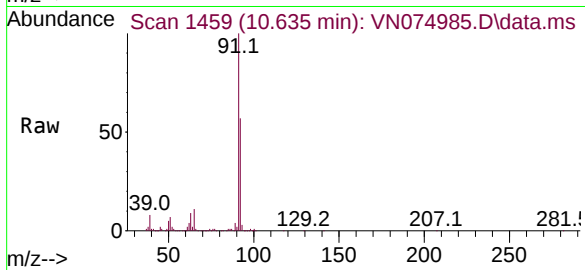
MW-3DL

Tgt Ion: 92 Resp: 614977

Ion Ratio Lower Upper

92 100

91 173.1 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 49.643 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN074985.D

Acq: 24 Oct 2022 15:49

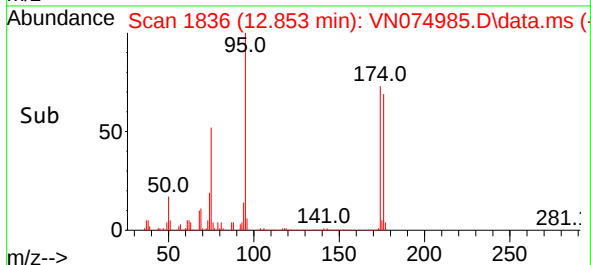
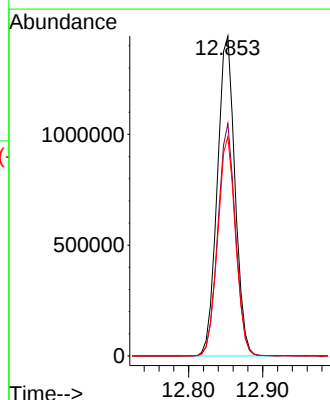
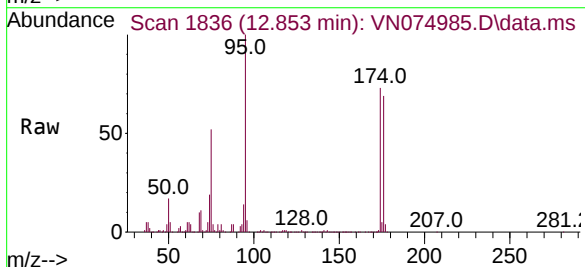
Tgt Ion: 95 Resp: 2391078

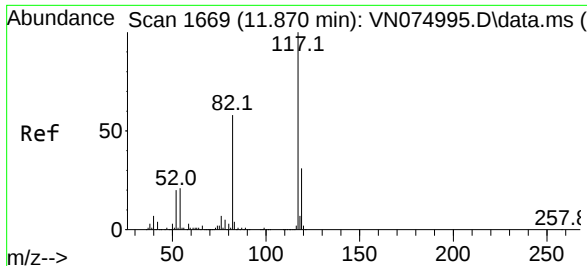
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.0

176 69.0 0.0 138.2

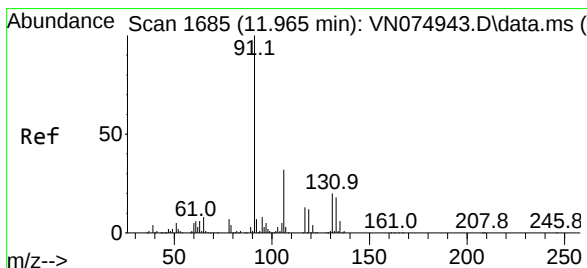
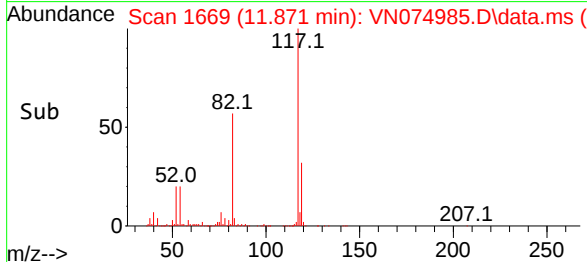
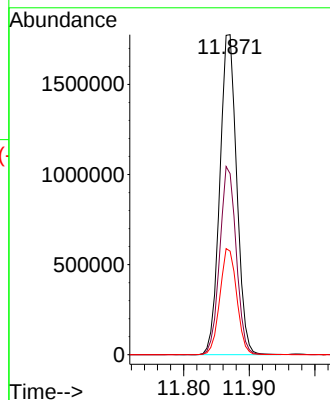
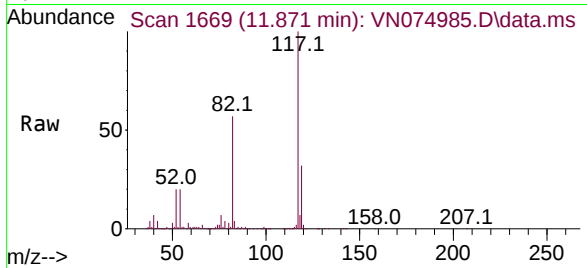




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

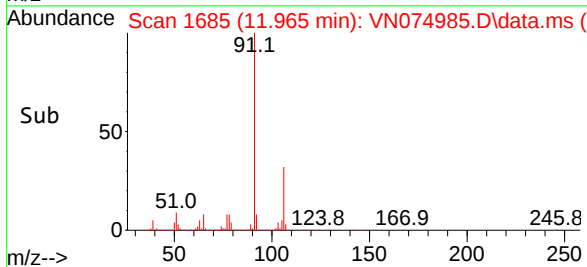
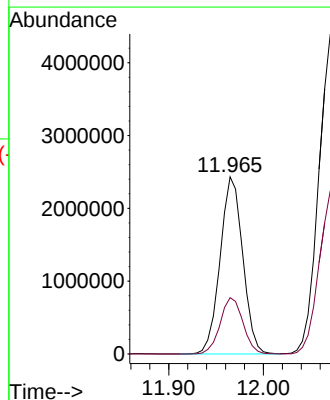
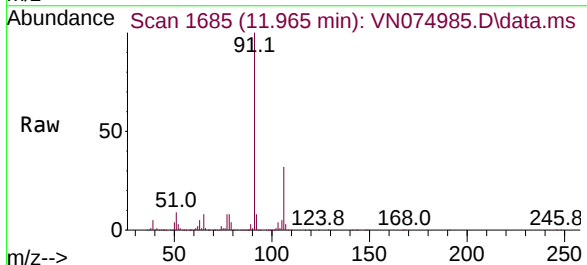
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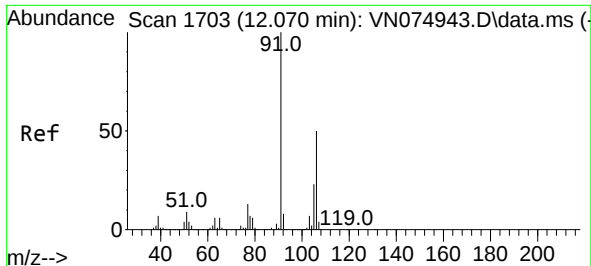
Tgt Ion:117 Resp: 3166712
Ion Ratio Lower Upper
117 100
82 56.5 45.6 68.4
119 32.3 25.1 37.7



#67
Ethyl Benzene
Concen: 23.782 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion: 91 Resp: 4043215
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

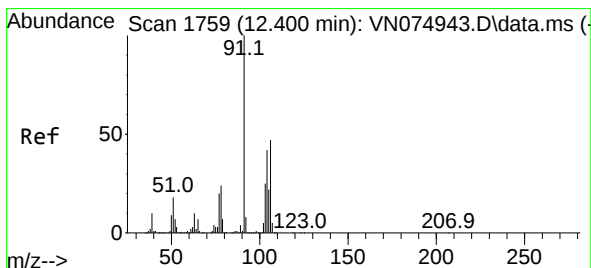
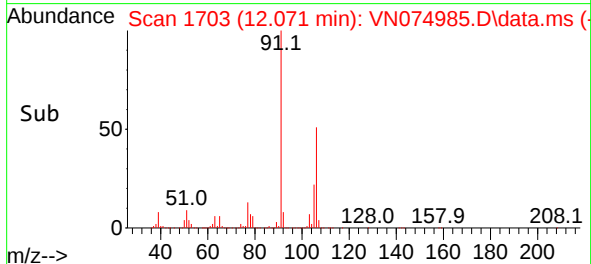
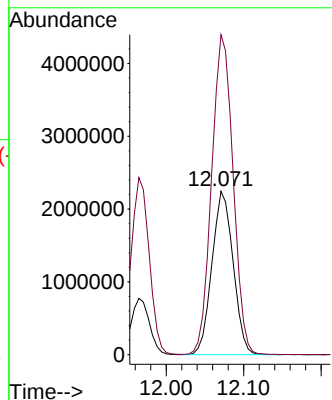
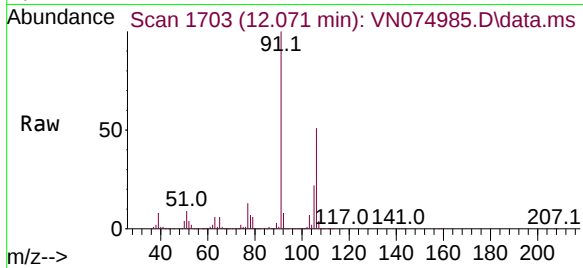




#68
m/p-Xylenes
Concen: 64.259 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

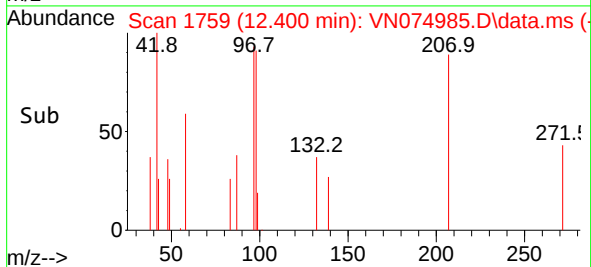
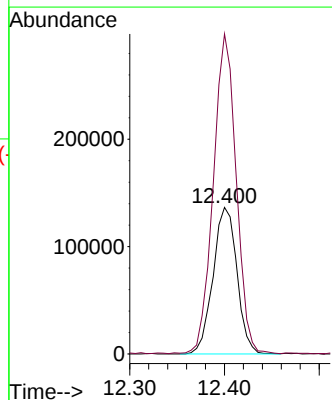
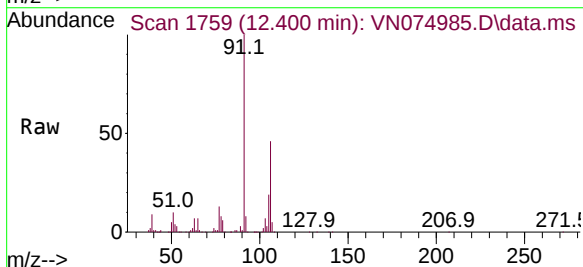
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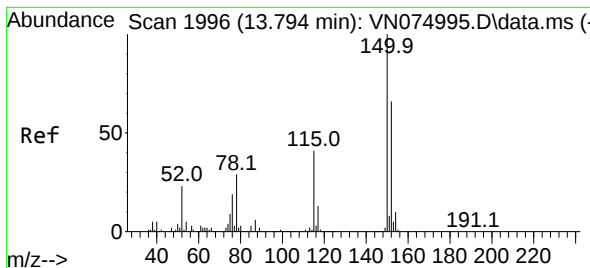
Tgt Ion:106 Resp: 4259677
Ion Ratio Lower Upper
106 100
91 198.6 159.7 239.5



#69
o-Xylene
Concen: 3.604 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion:106 Resp: 239336
Ion Ratio Lower Upper
106 100
91 208.5 103.6 310.7

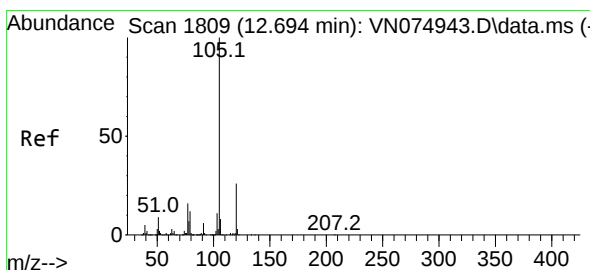
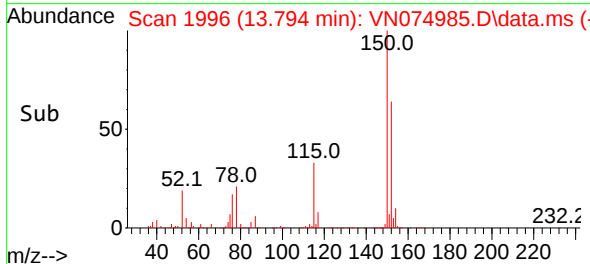
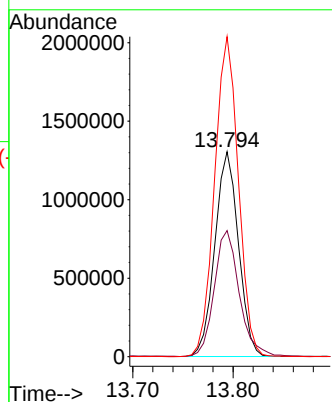
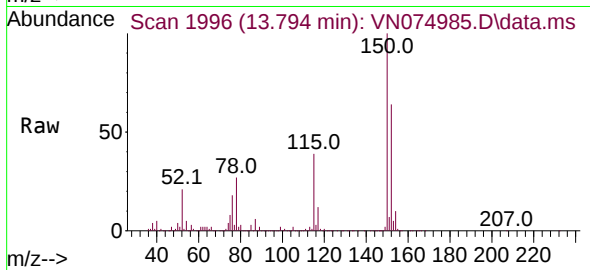




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

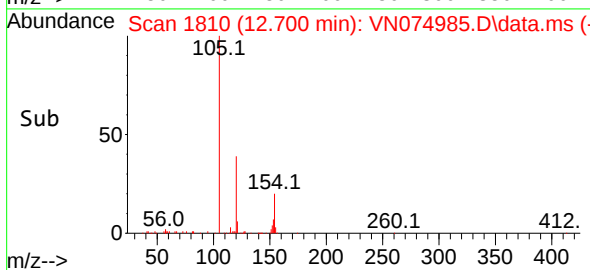
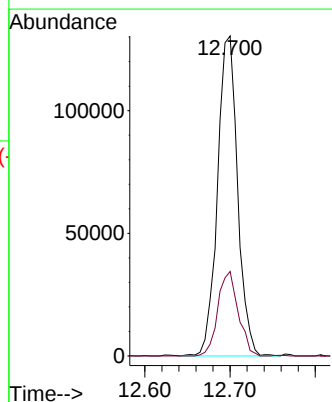
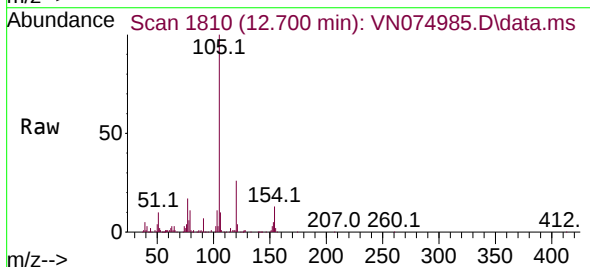
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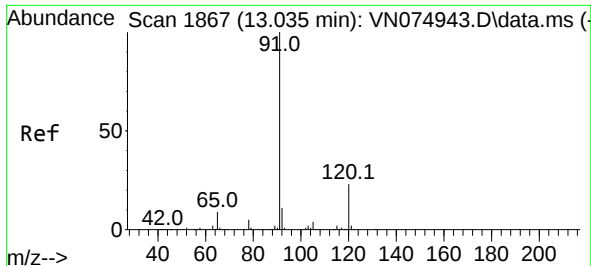
Tgt Ion:152 Resp: 2130896
Ion Ratio Lower Upper
152 100
115 65.7 31.3 93.8
150 157.3 0.0 349.6



#73
Isopropylbenzene
Concen: 1.229 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion:105 Resp: 213915
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

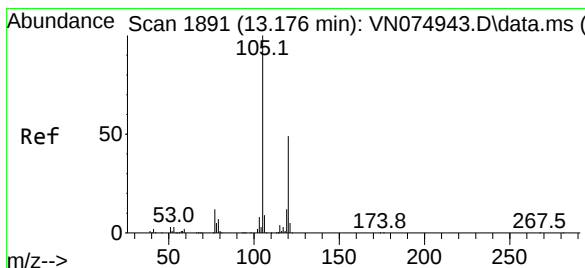
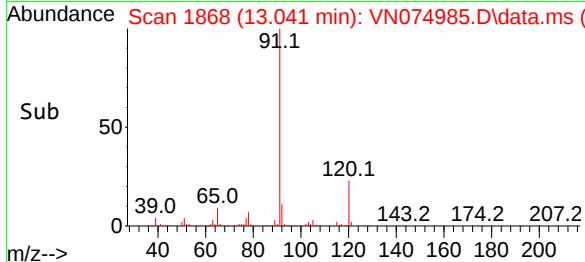
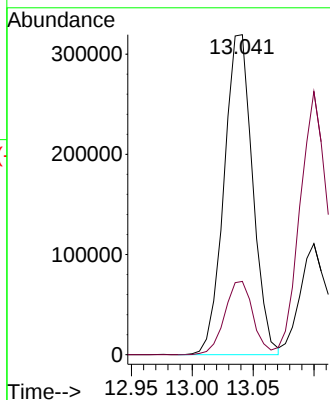
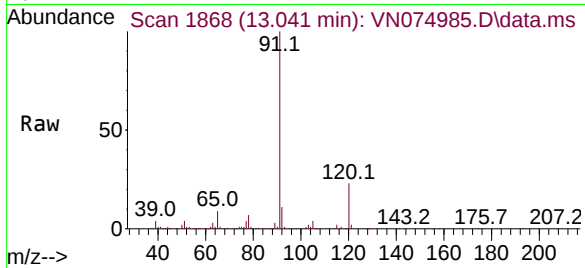




#78
n-propylbenzene
Concen: 2.569 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

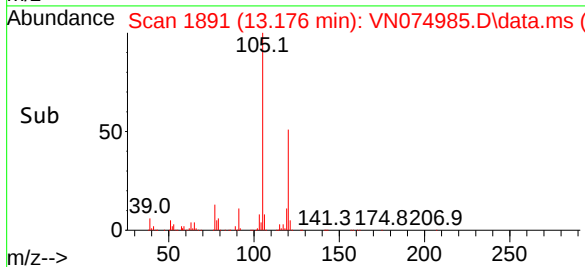
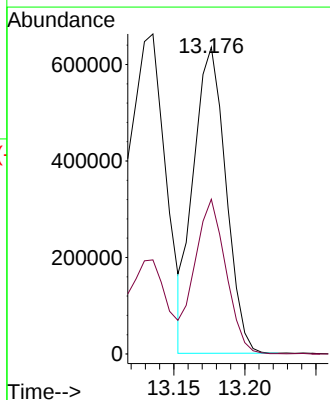
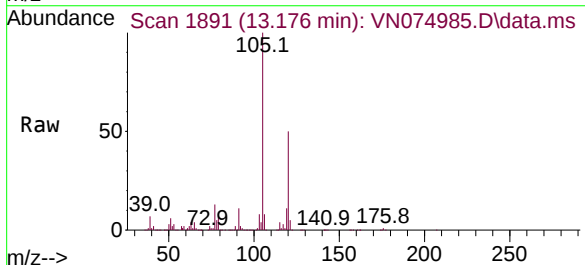
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

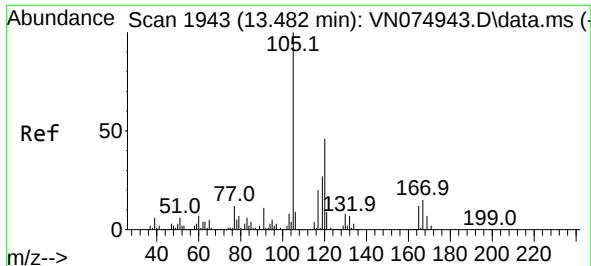
Tgt Ion: 91 Resp: 523214
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 6.682 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion:105 Resp: 1004669
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

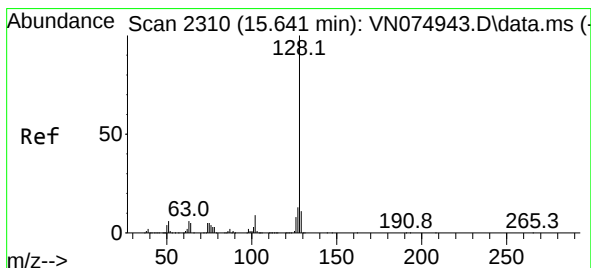
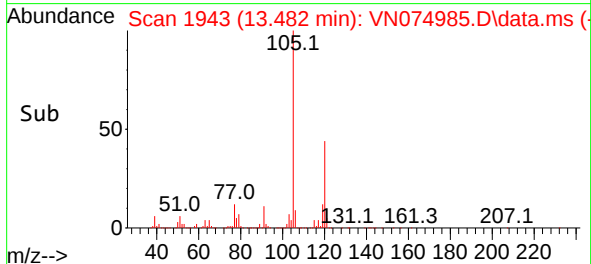
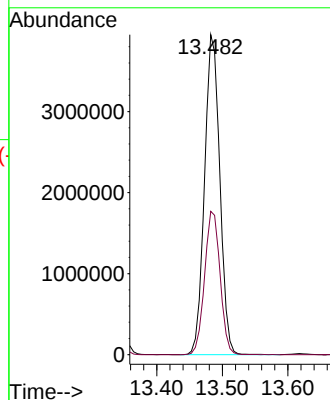
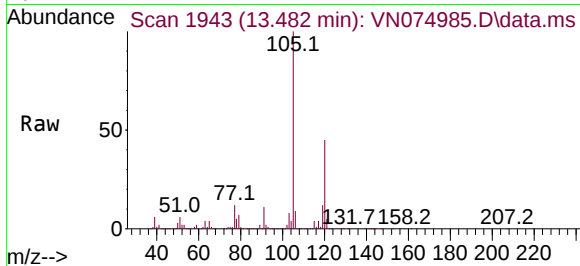




#84
1,2,4-Trimethylbenzene
Concen: 42.219 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion:105 Resp: 6411049
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5



#95
Naphthalene
Concen: 20.332 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074985.D
Acq: 24 Oct 2022 15:49

Tgt Ion:128 Resp: 2632148
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.6 12.8

